Logs:

Apple System Log (ASL) Messages:

Source:	/var/log/asl
Size:	133 KB (132.748 bytes)
Last Modified:	11/06/2025, 10:14
Recent Contents:	...

11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479

```
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
```

11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479

```
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:38:20 bootlog[0]: BOOT_TIME 1746949100 594479
11 May 2025 at 09:39:40 loginwindow[444]: USER_PROCESS: 444 console
11 May 2025 at 09:57:59 login[1381]: USER_PROCESS: 1381 ttys000
11 May 2025 at 09:57:59 login[1385]: USER_PROCESS: 1385 ttys001
```

11 May 2025 at 09:57:59 login[1389]: USER_PROCESS: 1389 ttys002
11 May 2025 at 10:02:49 login[1385]: DEAD_PROCESS: 1385 ttys001
11 May 2025 at 10:02:49 login[1381]: DEAD_PROCESS: 1381 ttys000
11 May 2025 at 10:02:49 login[1389]: DEAD_PROCESS: 1389 ttys002
11 May 2025 at 17:42:35 login[8265]: USER_PROCESS: 8265 ttys008
11 May 2025 at 18:17:27 login[12310]: USER_PROCESS: 12310 ttys013
11 May 2025 at 18:48:35 login[12310]: DEAD_PROCESS: 12310 ttys013
11 May 2025 at 18:48:35 login[8265]: DEAD_PROCESS: 8265 ttys008
11 May 2025 at 18:48:37 login[13970]: USER_PROCESS: 13970 ttys008
11 May 2025 at 18:50:03 login[13970]: DEAD_PROCESS: 13970 ttys008
11 May 2025 at 18:50:12 login[14014]: USER_PROCESS: 14014 ttys008
11 May 2025 at 19:47:54 login[14512]: USER_PROCESS: 14512 ttys013
11 May 2025 at 19:48:38 login[14562]: USER_PROCESS: 14562 ttys017
11 May 2025 at 20:08:56 login[14512]: DEAD_PROCESS: 14512 ttys013
11 May 2025 at 20:09:05 login[14862]: USER_PROCESS: 14862 ttys013
11 May 2025 at 20:25:03 login[15759]: USER_PROCESS: 15759 ttys024
11 May 2025 at 20:51:04 login[16905]: USER_PROCESS: 16905 ttys029
11 May 2025 at 20:52:02 login[16940]: USER_PROCESS: 16940 ttys030
11 May 2025 at 20:52:25 login[14562]: DEAD_PROCESS: 14562 ttys017
11 May 2025 at 23:18:11 login[18618]: USER_PROCESS: 18618 ttys017
12 May 2025 at 00:14:12 login[18618]: DEAD_PROCESS: 18618 ttys017
12 May 2025 at 00:14:12 login[14862]: DEAD_PROCESS: 14862 ttys013
12 May 2025 at 00:14:12 login[15759]: DEAD_PROCESS: 15759 ttys024
12 May 2025 at 00:14:12 login[16940]: DEAD_PROCESS: 16940 ttys030
12 May 2025 at 00:14:12 login[16905]: DEAD_PROCESS: 16905 ttys029
12 May 2025 at 00:14:12 login[14014]: DEAD_PROCESS: 14014 ttys008
12 May 2025 at 11:18:13 sessionlogoutd[52969]: DEAD_PROCESS: 444 console
12 May 2025 at 11:18:13 shutdown[52975]: SHUTDOWN_TIME: 1747041493 445987
12 May 2025 at 11:18:29 bootlog[0]: BOOT_TIME 1747041509 809417
12 May 2025 at 11:22:48 loginwindow[422]: USER_PROCESS: 422 console
12 May 2025 at 11:57:22 login[3839]: USER_PROCESS: 3839 ttys006
12 May 2025 at 12:08:01 login[91019]: USER_PROCESS: 91019 ttys007
12 May 2025 at 12:08:17 login[91417]: USER_PROCESS: 91417 ttys008
12 May 2025 at 12:15:46 login[79160]: USER_PROCESS: 79160 ttys009
12 May 2025 at 13:38:40 login[91019]: DEAD_PROCESS: 91019 ttys007
12 May 2025 at 13:38:40 login[79160]: DEAD_PROCESS: 79160 ttys009
12 May 2025 at 13:39:43 login[22087]: USER_PROCESS: 22087 ttys007
12 May 2025 at 13:59:02 login[22087]: DEAD_PROCESS: 22087 ttys007
12 May 2025 at 13:59:02 login[91417]: DEAD_PROCESS: 91417 ttys008
12 May 2025 at 13:59:02 login[3839]: DEAD_PROCESS: 3839 ttys006
12 May 2025 at 13:59:15 login[54339]: USER_PROCESS: 54339 ttys006
12 May 2025 at 13:59:15 login[54342]: USER_PROCESS: 54342 ttys007
12 May 2025 at 13:59:15 login[54346]: USER_PROCESS: 54346 ttys008
12 May 2025 at 14:27:42 login[54346]: DEAD_PROCESS: 54346 ttys008
12 May 2025 at 14:27:42 login[54339]: DEAD_PROCESS: 54339 ttys006
12 May 2025 at 14:27:42 login[54342]: DEAD_PROCESS: 54342 ttys007
12 May 2025 at 14:27:42 sessionlogoutd[56090]: DEAD_PROCESS: 422 console
12 May 2025 at 14:27:42 shutdown[56092]: SHUTDOWN_TIME: 1747052862 581842
12 May 2025 at 14:27:58 bootlog[0]: BOOT_TIME 1747052878 260986
12 May 2025 at 14:33:37 loginwindow[443]: USER_PROCESS: 443 console
12 May 2025 at 14:33:40 login[743]: USER_PROCESS: 743 ttys000
12 May 2025 at 14:33:41 login[746]: USER_PROCESS: 746 ttys001
12 May 2025 at 14:33:41 login[750]: USER_PROCESS: 750 ttys002
13 May 2025 at 00:16:39 login[743]: DEAD_PROCESS: 743 ttys000
13 May 2025 at 00:16:39 login[750]: DEAD_PROCESS: 750 ttys002
13 May 2025 at 00:16:40 login[746]: DEAD_PROCESS: 746 ttys001
13 May 2025 at 00:16:44 login[40710]: USER_PROCESS: 40710 ttys000
13 May 2025 at 01:36:55 login[42058]: USER_PROCESS: 42058 ttys001
13 May 2025 at 01:41:13 login[42506]: USER_PROCESS: 42506 ttys002
13 May 2025 at 01:42:25 login[42938]: USER_PROCESS: 42938 ttys015
13 May 2025 at 01:49:21 login[43382]: USER_PROCESS: 43382 ttys016
13 May 2025 at 02:04:03 login[43870]: USER_PROCESS: 43870 ttys017
13 May 2025 at 03:35:59 login[44831]: USER_PROCESS: 44831 ttys018
13 May 2025 at 09:48:02 login[44831]: DEAD_PROCESS: 44831 ttys018
13 May 2025 at 09:52:23 login[47218]: USER_PROCESS: 47218 ttys018
13 May 2025 at 10:01:38 login[40710]: DEAD_PROCESS: 40710 ttys000
13 May 2025 at 10:01:38 login[47218]: DEAD_PROCESS: 47218 ttys018
13 May 2025 at 10:01:38 login[42506]: DEAD_PROCESS: 42506 ttys002
13 May 2025 at 10:01:38 login[42058]: DEAD_PROCESS: 42058 ttys001
13 May 2025 at 10:01:38 login[43382]: DEAD_PROCESS: 43382 ttys016
13 May 2025 at 10:01:38 login[42938]: DEAD_PROCESS: 42938 ttys015
13 May 2025 at 10:01:38 login[43870]: DEAD_PROCESS: 43870 ttys017
13 May 2025 at 10:01:51 sessionlogoutd[47746]: DEAD_PROCESS: 443 console
13 May 2025 at 10:01:51 shutdown[47748]: SHUTDOWN_TIME: 1747123311 201433
13 May 2025 at 10:02:07 bootlog[0]: BOOT_TIME 1747123327 900299
13 May 2025 at 10:03:08 loginwindow[383]: USER_PROCESS: 383 console
13 May 2025 at 10:03:40 login[959]: USER_PROCESS: 959 ttys000
13 May 2025 at 10:03:40 login[968]: USER_PROCESS: 968 ttys001
13 May 2025 at 10:05:04 login[4127]: USER_PROCESS: 4127 ttys008
13 May 2025 at 10:06:43 login[4609]: USER_PROCESS: 4609 ttys009
13 May 2025 at 10:22:37 login[4609]: DEAD_PROCESS: 4609 ttys009
13 May 2025 at 10:22:37 login[4127]: DEAD_PROCESS: 4127 ttys008
13 May 2025 at 10:22:37 login[968]: DEAD_PROCESS: 968 ttys001
13 May 2025 at 10:22:37 login[959]: DEAD_PROCESS: 959 ttys000
13 May 2025 at 10:23:03 sessionlogoutd[5192]: DEAD_PROCESS: 383 console
13 May 2025 at 10:23:18 bootlog[0]: BOOT_TIME 1747124598 716674
13 May 2025 at 10:24:00 loginwindow[378]: USER_PROCESS: 378 console
13 May 2025 at 10:25:39 login[1115]: USER_PROCESS: 1115 ttys000
13 May 2025 at 10:28:42 login[4026]: USER_PROCESS: 4026 ttys007
13 May 2025 at 12:48:08 login[12614]: USER_PROCESS: 12614 ttys013

13 May 2025 at 12:48:14 login[12614]: DEAD_PROCESS: 12614 ttys013
13 May 2025 at 12:48:16 login[13064]: USER_PROCESS: 13064 ttys013
13 May 2025 at 13:06:28 login[13656]: USER_PROCESS: 13656 ttys014
13 May 2025 at 20:15:57 login[23325]: USER_PROCESS: 23325 ttys010
13 May 2025 at 20:19:30 login[24061]: USER_PROCESS: 24061 ttys015
13 May 2025 at 20:20:33 login[24061]: DEAD_PROCESS: 24061 ttys015
13 May 2025 at 20:20:33 login[23325]: DEAD_PROCESS: 23325 ttys010
13 May 2025 at 20:20:33 login[13656]: DEAD_PROCESS: 13656 ttys014
13 May 2025 at 20:20:33 login[13064]: DEAD_PROCESS: 13064 ttys013
13 May 2025 at 20:20:33 login[4026]: DEAD_PROCESS: 4026 ttys007
13 May 2025 at 20:20:33 login[1115]: DEAD_PROCESS: 1115 ttys000
13 May 2025 at 20:20:34 sessionlogoutd[24529]: DEAD_PROCESS: 378 console
13 May 2025 at 20:20:50 bootlog[0]: BOOT_TIME 1747160450 460784
13 May 2025 at 21:00:18 loginwindow[619]: USER_PROCESS: 619 console
13 May 2025 at 21:00:23 login[965]: USER_PROCESS: 965 ttys001
13 May 2025 at 21:00:23 login[963]: USER_PROCESS: 963 ttys000
13 May 2025 at 21:00:23 login[970]: USER_PROCESS: 970 ttys004
13 May 2025 at 21:00:23 login[966]: USER_PROCESS: 966 ttys002
13 May 2025 at 21:00:23 login[968]: USER_PROCESS: 968 ttys003
13 May 2025 at 21:00:23 login[973]: USER_PROCESS: 973 ttys005
13 May 2025 at 21:03:32 login[6370]: USER_PROCESS: 6370 ttys014
13 May 2025 at 21:16:15 login[6907]: USER_PROCESS: 6907 ttys015
13 May 2025 at 21:21:46 login[6907]: DEAD_PROCESS: 6907 ttys015
13 May 2025 at 21:21:46 login[6370]: DEAD_PROCESS: 6370 ttys014
13 May 2025 at 21:21:46 login[965]: DEAD_PROCESS: 965 ttys001
13 May 2025 at 21:21:46 login[963]: DEAD_PROCESS: 963 ttys000
13 May 2025 at 21:21:46 login[970]: DEAD_PROCESS: 970 ttys004
13 May 2025 at 21:21:46 login[968]: DEAD_PROCESS: 968 ttys003
13 May 2025 at 21:21:46 login[966]: DEAD_PROCESS: 966 ttys002
13 May 2025 at 21:21:46 login[973]: DEAD_PROCESS: 973 ttys005
13 May 2025 at 21:21:46 sessionlogoutd[7821]: DEAD_PROCESS: 619 console
13 May 2025 at 21:22:01 bootlog[0]: BOOT_TIME 1747164121 636596
13 May 2025 at 21:26:56 loginwindow[429]: USER_PROCESS: 429 console
13 May 2025 at 21:27:13 login[2500]: USER_PROCESS: 2500 ttys006
13 May 2025 at 21:27:15 login[2552]: USER_PROCESS: 2552 ttys007
13 May 2025 at 21:27:15 login[2558]: USER_PROCESS: 2558 ttys009
13 May 2025 at 21:27:15 login[2557]: USER_PROCESS: 2557 ttys008
13 May 2025 at 21:27:17 login[2730]: USER_PROCESS: 2730 ttys010
13 May 2025 at 21:27:17 login[2736]: USER_PROCESS: 2736 ttys011
13 May 2025 at 21:27:19 login[2874]: USER_PROCESS: 2874 ttys014
13 May 2025 at 21:27:19 login[2886]: USER_PROCESS: 2886 ttys015
14 May 2025 at 13:58:20 login[49375]: USER_PROCESS: 49375 ttys018
14 May 2025 at 14:37:03 login[50634]: USER_PROCESS: 50634 ttys021
14 May 2025 at 14:59:05 login[2886]: DEAD_PROCESS: 2886 ttys015
14 May 2025 at 14:59:12 login[2874]: DEAD_PROCESS: 2874 ttys014
14 May 2025 at 14:59:16 login[2558]: DEAD_PROCESS: 2558 ttys009
14 May 2025 at 14:59:18 login[2736]: DEAD_PROCESS: 2736 ttys011
14 May 2025 at 14:59:20 login[2552]: DEAD_PROCESS: 2552 ttys007
14 May 2025 at 14:59:22 login[2557]: DEAD_PROCESS: 2557 ttys008
14 May 2025 at 14:59:24 login[2730]: DEAD_PROCESS: 2730 ttys010
14 May 2025 at 14:59:27 login[2500]: DEAD_PROCESS: 2500 ttys006
14 May 2025 at 15:10:43 login[49375]: DEAD_PROCESS: 49375 ttys018
14 May 2025 at 15:10:43 login[50634]: DEAD_PROCESS: 50634 ttys021
14 May 2025 at 15:44:58 login[70225]: USER_PROCESS: 70225 ttys000
14 May 2025 at 15:45:03 login[70225]: DEAD_PROCESS: 70225 ttys000
14 May 2025 at 21:28:44 login[80366]: USER_PROCESS: 80366 ttys002
14 May 2025 at 21:35:44 login[80366]: DEAD_PROCESS: 80366 ttys002
14 May 2025 at 21:35:45 sessionlogoutd[80856]: DEAD_PROCESS: 429 console
14 May 2025 at 21:35:51 loginwindow[80862]: USER_PROCESS: 80862 console
14 May 2025 at 21:35:57 login[81024]: USER_PROCESS: 81024 ttys002
14 May 2025 at 21:46:28 login[81799]: USER_PROCESS: 81799 ttys003
14 May 2025 at 21:53:00 login[82234]: USER_PROCESS: 82234 ttys004
14 May 2025 at 21:58:46 login[82670]: USER_PROCESS: 82670 ttys005
14 May 2025 at 22:04:24 login[83157]: USER_PROCESS: 83157 ttys006
14 May 2025 at 22:20:36 login[81799]: DEAD_PROCESS: 81799 ttys003
14 May 2025 at 22:20:36 login[82234]: DEAD_PROCESS: 82234 ttys004
14 May 2025 at 22:20:36 login[81024]: DEAD_PROCESS: 81024 ttys002
14 May 2025 at 22:20:36 login[83157]: DEAD_PROCESS: 83157 ttys006
14 May 2025 at 22:20:36 login[82670]: DEAD_PROCESS: 82670 ttys005
14 May 2025 at 23:50:21 login[90224]: USER_PROCESS: 90224 ttys008
16 May 2025 at 12:20:50 login[90224]: DEAD_PROCESS: 90224 ttys008
16 May 2025 at 13:40:33 sessionlogoutd[15437]: DEAD_PROCESS: 80862 console
16 May 2025 at 13:41:39 bootlog[0]: BOOT_TIME 1747395699 243865
16 May 2025 at 13:44:38 loginwindow[410]: USER_PROCESS: 410 console
19 May 2025 at 00:51:48 sessionlogoutd[23494]: DEAD_PROCESS: 410 console
19 May 2025 at 00:51:48 shutdown[23500]: SHUTDOWN_TIME: 1747608708 803866
19 May 2025 at 00:52:05 bootlog[0]: BOOT_TIME 1747608725 569671
19 May 2025 at 00:53:13 loginwindow[387]: USER_PROCESS: 387 console
19 May 2025 at 02:48:05 login[7775]: USER_PROCESS: 7775 ttys008
19 May 2025 at 02:48:26 login[7775]: DEAD_PROCESS: 7775 ttys008
19 May 2025 at 03:08:59 login[11274]: USER_PROCESS: 11274 ttys010
19 May 2025 at 03:45:45 login[11274]: DEAD_PROCESS: 11274 ttys010
19 May 2025 at 03:45:45 sessionlogoutd[28714]: DEAD_PROCESS: 387 console
19 May 2025 at 03:45:45 shutdown[28719]: SHUTDOWN_TIME: 1747619145 591666
19 May 2025 at 03:46:02 bootlog[0]: BOOT_TIME 1747619162 92102
19 May 2025 at 03:46:55 loginwindow[384]: USER_PROCESS: 384 console
19 May 2025 at 03:47:01 login[743]: USER_PROCESS: 743 ttys000
19 May 2025 at 09:24:28 login[743]: DEAD_PROCESS: 743 ttys000
19 May 2025 at 10:06:53 login[7876]: USER_PROCESS: 7876 ttys000
19 May 2025 at 10:06:56 login[7876]: DEAD_PROCESS: 7876 ttys000

19 May 2025 at 12:39:45 sessionlogoutd[15147]: DEAD_PROCESS: 384 console
19 May 2025 at 12:40:01 bootlog[0]: BOOT_TIME 1747651201 583404
19 May 2025 at 12:40:55 loginwindow[384]: USER_PROCESS: 384 console
20 May 2025 at 20:35:01 login[38234]: USER_PROCESS: 38234 ttys019
20 May 2025 at 20:35:04 login[38234]: DEAD_PROCESS: 38234 ttys019
20 May 2025 at 21:38:34 login[41838]: USER_PROCESS: 41838 ttys021
21 May 2025 at 00:41:33 login[41838]: DEAD_PROCESS: 41838 ttys021
21 May 2025 at 09:56:26 sessionlogoutd[89545]: DEAD_PROCESS: 384 console
21 May 2025 at 09:56:26 loginwindow[89553]: USER_PROCESS: 89553 console
21 May 2025 at 09:57:27 reboot[89632]: SHUTDOWN_TIME: 1747814247 794547
21 May 2025 at 09:59:27 bootlog[0]: BOOT_TIME 1747814367 612884
21 May 2025 at 10:01:21 loginwindow[587]: USER_PROCESS: 587 console
23 May 2025 at 03:15:43 login[31891]: USER_PROCESS: 31891 ttys003
23 May 2025 at 03:45:03 login[32961]: USER_PROCESS: 32961 ttys013
23 May 2025 at 03:51:27 login[33417]: USER_PROCESS: 33417 ttys015
23 May 2025 at 03:51:27 login[33417]: DEAD_PROCESS: 33417 ttys015
23 May 2025 at 04:40:23 login[33830]: USER_PROCESS: 33830 ttys015
23 May 2025 at 04:40:31 login[33830]: DEAD_PROCESS: 33830 ttys015
23 May 2025 at 04:40:39 login[32961]: DEAD_PROCESS: 32961 ttys013
23 May 2025 at 04:40:39 login[31891]: DEAD_PROCESS: 31891 ttys003
25 May 2025 at 00:57:16 login[43958]: USER_PROCESS: 43958 ttys003
25 May 2025 at 11:41:39 login[43958]: DEAD_PROCESS: 43958 ttys003
26 May 2025 at 21:32:52 sessionlogoutd[77799]: DEAD_PROCESS: 587 console
26 May 2025 at 21:33:09 bootlog[0]: BOOT_TIME 1748287989 475921
26 May 2025 at 21:36:35 loginwindow[426]: USER_PROCESS: 426 console
26 May 2025 at 21:46:01 login[2578]: USER_PROCESS: 2578 ttys001
26 May 2025 at 21:46:05 login[2578]: DEAD_PROCESS: 2578 ttys001
27 May 2025 at 19:23:49 sessionlogoutd[19750]: DEAD_PROCESS: 426 console
27 May 2025 at 19:24:08 bootlog[0]: BOOT_TIME 1748366648 156219
27 May 2025 at 19:25:51 loginwindow[404]: USER_PROCESS: 404 console
29 May 2025 at 13:15:41 login[33692]: USER_PROCESS: 33692 ttys002
29 May 2025 at 13:26:41 login[33692]: DEAD_PROCESS: 33692 ttys002
29 May 2025 at 13:26:59 sessionlogoutd[34439]: DEAD_PROCESS: 404 console
29 May 2025 at 13:27:00 shutdown[34443]: SHUTDOWN_TIME: 1748518020 105827
29 May 2025 at 13:27:17 bootlog[0]: BOOT_TIME 1748518037 914825
29 May 2025 at 13:27:45 loginwindow[386]: USER_PROCESS: 386 console
29 May 2025 at 13:27:55 login[812]: USER_PROCESS: 812 ttys000
29 May 2025 at 13:37:49 login[812]: DEAD_PROCESS: 812 ttys000
29 May 2025 at 13:37:49 sessionlogoutd[3061]: DEAD_PROCESS: 386 console
29 May 2025 at 13:37:49 shutdown[3065]: SHUTDOWN_TIME: 1748518669 495152
29 May 2025 at 13:38:04 bootlog[0]: BOOT_TIME 1748518684 414276
29 May 2025 at 13:40:26 loginwindow[411]: USER_PROCESS: 411 console
29 May 2025 at 13:40:40 login[883]: USER_PROCESS: 883 ttys000
29 May 2025 at 14:02:53 login[883]: DEAD_PROCESS: 883 ttys000
29 May 2025 at 14:04:55 sessionlogoutd[3199]: DEAD_PROCESS: 411 console
29 May 2025 at 14:05:02 loginwindow[3212]: USER_PROCESS: 3212 console
31 May 2025 at 01:09:55 sessionlogoutd[32128]: DEAD_PROCESS: 3212 console
31 May 2025 at 01:10:12 bootlog[0]: BOOT_TIME 1748646612 957702
31 May 2025 at 01:10:32 loginwindow[385]: USER_PROCESS: 385 console
31 May 2025 at 11:13:19 sessionlogoutd[8018]: DEAD_PROCESS: 385 console
31 May 2025 at 11:13:19 shutdown[8019]: SHUTDOWN_TIME: 1748682799 895243
31 May 2025 at 11:13:41 bootlog[0]: BOOT_TIME 1748682821 637756
31 May 2025 at 11:21:00 loginwindow[470]: USER_PROCESS: 470 console
31 May 2025 at 14:09:23 login[4738]: USER_PROCESS: 4738 ttys008
31 May 2025 at 14:09:23 login[4749]: USER_PROCESS: 4749 ttys009
31 May 2025 at 14:09:26 login[5612]: USER_PROCESS: 5612 ttys010
31 May 2025 at 14:09:30 login[5612]: DEAD_PROCESS: 5612 ttys010
31 May 2025 at 14:09:31 login[4749]: DEAD_PROCESS: 4749 ttys009
31 May 2025 at 14:09:35 login[4738]: DEAD_PROCESS: 4738 ttys008
31 May 2025 at 14:09:39 login[6091]: USER_PROCESS: 6091 ttys008
31 May 2025 at 15:04:49 login[6091]: DEAD_PROCESS: 6091 ttys008
31 May 2025 at 15:09:29 sessionlogoutd[7268]: DEAD_PROCESS: 470 console
31 May 2025 at 15:09:29 shutdown[7273]: SHUTDOWN_TIME: 1748696969 370863
31 May 2025 at 15:09:46 bootlog[0]: BOOT_TIME 1748696986 613647
31 May 2025 at 15:10:20 loginwindow[387]: USER_PROCESS: 387 console
1 Jun 2025 at 11:58:17 login[13332]: USER_PROCESS: 13332 ttys000
1 Jun 2025 at 21:04:08 login[13332]: DEAD_PROCESS: 13332 ttys000
2 Jun 2025 at 01:43:09 sessionlogoutd[25315]: DEAD_PROCESS: 387 console
2 Jun 2025 at 01:43:09 shutdown[25323]: SHUTDOWN_TIME: 1748821389 645010
2 Jun 2025 at 01:43:25 bootlog[0]: BOOT_TIME 1748821405 555084
2 Jun 2025 at 01:45:06 loginwindow[404]: USER_PROCESS: 404 console
2 Jun 2025 at 20:42:26 sessionlogoutd[14965]: DEAD_PROCESS: 404 console
2 Jun 2025 at 20:42:27 shutdown[14966]: SHUTDOWN_TIME: 1748889747 9655
2 Jun 2025 at 20:41:26 loginwindow[386]: USER_PROCESS: 386 console
3 Jun 2025 at 09:59:24 sessionlogoutd[3351]: DEAD_PROCESS: 386 console
3 Jun 2025 at 09:59:24 shutdown[3355]: SHUTDOWN_TIME: 1748937564 437113
3 Jun 2025 at 09:59:38 bootlog[0]: BOOT_TIME 1748937578 932464
3 Jun 2025 at 10:03:38 loginwindow[431]: USER_PROCESS: 431 console
3 Jun 2025 at 16:27:57 login[5433]: USER_PROCESS: 5433 ttys000
3 Jun 2025 at 18:31:35 login[5433]: DEAD_PROCESS: 5433 ttys000
3 Jun 2025 at 18:31:35 sessionlogoutd[6721]: DEAD_PROCESS: 431 console
3 Jun 2025 at 18:31:35 shutdown[6724]: SHUTDOWN_TIME: 1748968295 840516
3 Jun 2025 at 18:31:53 bootlog[0]: BOOT_TIME 1748968313 75317
3 Jun 2025 at 18:32:45 loginwindow[391]: USER_PROCESS: 391 console
3 Jun 2025 at 18:32:53 login[789]: USER_PROCESS: 789 ttys000
3 Jun 2025 at 19:56:26 login[789]: DEAD_PROCESS: 789 ttys000
3 Jun 2025 at 20:31:47 sessionlogoutd[3857]: DEAD_PROCESS: 391 console
3 Jun 2025 at 20:32:02 bootlog[0]: BOOT_TIME 1748975522 210449
3 Jun 2025 at 20:32:46 loginwindow[389]: USER_PROCESS: 389 console
3 Jun 2025 at 22:14:36 bootlog[0]: BOOT_TIME 1748981676 574005

3 Jun 2025 at 22:15:05 loginwindow[386]: USER_PROCESS: 386 console
3 Jun 2025 at 23:44:34 sessionlogoutd[7185]: DEAD_PROCESS: 386 console
3 Jun 2025 at 23:44:34 shutdown[7189]: SHUTDOWN_TIME: 1748987074 847272
3 Jun 2025 at 23:44:51 bootlog[0]: BOOT_TIME 1748987091 920043
3 Jun 2025 at 23:45:21 loginwindow[387]: USER_PROCESS: 387 console
4 Jun 2025 at 00:06:02 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 00:16:26 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 00:29:01 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 00:30:04 syslogd[347]: Configuration Notice:
ASL Module "com.apple.cdscheduler" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
4 Jun 2025 at 00:30:04 syslogd[347]: Configuration Notice:
ASL Module "com.apple.install" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
4 Jun 2025 at 00:30:04 syslogd[347]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/asl" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
4 Jun 2025 at 00:30:04 syslogd[347]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/system.log" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
4 Jun 2025 at 00:30:04 syslogd[347]: Configuration Notice:
ASL Module "com.apple.authd" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
4 Jun 2025 at 00:30:04 syslogd[347]: Configuration Notice:
ASL Module "com.apple.eventmonitor" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
4 Jun 2025 at 00:30:04 syslogd[347]: Configuration Notice:
ASL Module "com.apple.mail" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
4 Jun 2025 at 00:30:04 syslogd[347]: Configuration Notice:
ASL Module "com.apple.performance" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
4 Jun 2025 at 00:30:04 syslogd[347]: Configuration Notice:
ASL Module "com.apple.iokit.power" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
4 Jun 2025 at 00:30:04 syslogd[347]: Configuration Notice:
ASL Module "com.apple.contacts.ContactsAutocomplete" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
4 Jun 2025 at 00:30:04 syslogd[347]: Configuration Notice:
ASL Module "com.apple.mkb" sharing output destination "/private/var/log/keybagd.log" with ASL Module
"com.apple.mkb.internal".
Output parameters from ASL Module "com.apple.mkb.internal" override any specified in ASL Module "com.apple.mkb".
4 Jun 2025 at 00:30:04 syslogd[347]: Configuration Notice:
ASL Module "com.apple.mkb" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
4 Jun 2025 at 00:30:04 syslogd[347]: Configuration Notice:
ASL Module "com.apple.MessageTracer" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
4 Jun 2025 at 01:04:04 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 01:15:46 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 01:31:52 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 01:45:44 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 01:56:20 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 02:10:16 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 02:10:16 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 02:36:36 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 02:48:54 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 03:12:43 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 03:23:26 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 03:33:32 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 03:45:19 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 04:05:48 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 04:16:06 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 04:32:11 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 04:43:15 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 04:53:26 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 05:04:05 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 05:14:52 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 05:26:52 syslogd[347]: ASL Sender Statistics
4 Jun 2025 at 05:31:02 sessionlogoutd[6357]: DEAD_PROCESS: 387 console
4 Jun 2025 at 05:31:18 bootlog[0]: BOOT_TIME 1749007878 955963
4 Jun 2025 at 05:33:28 syslogd[370]: Configuration Notice:
ASL Module "com.apple.cdscheduler" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
4 Jun 2025 at 05:33:28 syslogd[370]: Configuration Notice:
ASL Module "com.apple.install" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
4 Jun 2025 at 05:33:28 syslogd[370]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/asl" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
4 Jun 2025 at 05:33:28 syslogd[370]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/system.log" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
4 Jun 2025 at 05:33:28 syslogd[370]: Configuration Notice:
ASL Module "com.apple.authd" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
4 Jun 2025 at 05:33:28 syslogd[370]: Configuration Notice:
ASL Module "com.apple.eventmonitor" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
4 Jun 2025 at 05:33:28 syslogd[370]: Configuration Notice:

ASL Module "com.apple.mail" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
4 Jun 2025 at 05:33:28 syslogd[370]: Configuration Notice:
ASL Module "com.apple.performance" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
4 Jun 2025 at 05:33:28 syslogd[370]: Configuration Notice:
ASL Module "com.apple.iokit.power" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
4 Jun 2025 at 05:33:28 syslogd[370]: Configuration Notice:
ASL Module "com.apple.contacts.ContactsAutocomplete" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
4 Jun 2025 at 05:33:28 syslogd[370]: Configuration Notice:
ASL Module "com.apple.mkb" sharing output destination "/private/var/log/keybagd.log" with ASL Module
"com.apple.mkb.internal".
Output parameters from ASL Module "com.apple.mkb.internal" override any specified in ASL Module "com.apple.mkb".
4 Jun 2025 at 05:33:28 syslogd[370]: Configuration Notice:
ASL Module "com.apple.mkb" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
4 Jun 2025 at 05:33:28 syslogd[370]: Configuration Notice:
ASL Module "com.apple.MessageTracer" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
4 Jun 2025 at 05:33:28 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 05:33:30 loginwindow[409]: USER_PROCESS: 409 console
4 Jun 2025 at 05:43:29 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 05:54:13 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 06:04:18 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 06:22:14 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 06:41:53 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 07:03:08 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 07:20:38 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 07:36:13 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 07:46:24 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 07:59:05 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 08:20:08 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 08:34:59 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 08:47:27 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 09:00:18 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 09:18:00 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 09:28:53 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 09:41:51 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 09:52:36 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 10:03:52 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 10:20:53 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 10:32:44 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 10:45:26 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 10:56:04 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 11:06:05 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 11:16:40 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 11:27:09 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 11:38:48 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 11:49:22 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 12:02:07 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 12:13:34 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 12:24:17 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 12:34:27 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 12:47:07 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 13:02:07 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 13:12:19 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 13:32:07 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 13:47:07 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 14:02:07 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 14:15:08 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 14:28:12 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 14:39:47 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 14:49:51 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 15:03:00 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 15:13:23 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 15:24:08 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 15:41:59 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 15:53:20 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 16:04:15 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 16:18:03 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 16:30:27 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 16:42:16 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 16:54:11 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 17:16:57 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 17:33:41 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 17:48:06 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 18:10:39 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 18:20:46 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 18:32:02 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 18:45:07 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 18:55:10 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 19:05:26 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 19:16:02 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 19:31:32 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 19:42:02 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 19:52:02 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 20:11:44 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 20:28:45 syslogd[370]: ASL Sender Statistics

4 Jun 2025 at 20:48:31 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 21:09:32 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 21:26:13 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 21:43:34 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 21:54:47 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 22:12:52 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 22:28:41 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 22:44:27 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 22:54:44 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 23:04:57 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 23:26:53 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 23:38:04 syslogd[370]: ASL Sender Statistics
4 Jun 2025 at 23:52:50 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 00:03:43 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 00:15:06 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 00:30:05 syslogd[370]: Configuration Notice:
ASL Module "com.apple.cdscheduler" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
5 Jun 2025 at 00:30:05 syslogd[370]: Configuration Notice:
ASL Module "com.apple.install" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
5 Jun 2025 at 00:30:05 syslogd[370]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/asl" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
5 Jun 2025 at 00:30:05 syslogd[370]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/system.log" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
5 Jun 2025 at 00:30:05 syslogd[370]: Configuration Notice:
ASL Module "com.apple.authd" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
5 Jun 2025 at 00:30:05 syslogd[370]: Configuration Notice:
ASL Module "com.apple.eventmonitor" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
5 Jun 2025 at 00:30:05 syslogd[370]: Configuration Notice:
ASL Module "com.apple.mail" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
5 Jun 2025 at 00:30:05 syslogd[370]: Configuration Notice:
ASL Module "com.apple.performance" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
5 Jun 2025 at 00:30:05 syslogd[370]: Configuration Notice:
ASL Module "com.apple.iokit.power" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
5 Jun 2025 at 00:30:05 syslogd[370]: Configuration Notice:
ASL Module "com.apple.contacts.ContactsAutocomplete" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
5 Jun 2025 at 00:30:05 syslogd[370]: Configuration Notice:
ASL Module "com.apple.mkb" sharing output destination "/private/var/log/keybagd.log" with ASL Module
"com.apple.mkb.internal".
Output parameters from ASL Module "com.apple.mkb.internal" override any specified in ASL Module "com.apple.mkb".
5 Jun 2025 at 00:30:05 syslogd[370]: Configuration Notice:
ASL Module "com.apple.mkb" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
5 Jun 2025 at 00:30:05 syslogd[370]: Configuration Notice:
ASL Module "com.apple.MessageTracer" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
5 Jun 2025 at 00:31:30 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 00:48:07 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 01:01:26 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 01:12:46 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 01:31:36 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 01:48:07 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 02:01:39 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 02:18:07 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 02:35:30 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 02:54:05 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 03:18:52 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 03:35:02 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 03:52:14 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 04:09:57 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 04:21:21 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 04:40:17 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 04:58:11 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 05:14:41 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 05:38:16 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 05:53:45 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 06:09:45 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 06:23:21 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 06:40:58 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 06:58:26 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 07:13:31 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 07:24:21 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 07:39:45 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 07:57:22 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 08:13:06 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 08:24:13 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 08:34:15 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 08:44:16 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 08:54:55 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 09:13:49 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 09:23:52 syslogd[370]: ASL Sender Statistics

5 Jun 2025 at 09:35:32 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 09:45:44 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 10:05:03 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 10:15:32 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 10:40:49 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 10:57:23 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 11:14:54 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 11:31:32 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 11:42:35 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 12:03:23 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 12:19:05 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 12:34:47 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 12:44:47 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 13:02:32 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 13:18:49 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 13:36:04 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 13:46:04 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 14:02:40 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 14:19:17 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 14:35:46 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 14:53:58 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 15:09:48 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 15:28:57 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 15:39:12 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 15:49:12 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 15:59:12 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 16:09:12 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 16:20:12 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 16:30:12 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 16:40:12 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 16:51:12 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 17:07:57 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 17:18:17 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 17:28:17 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 17:47:33 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 17:58:57 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 18:12:56 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 18:22:59 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 18:39:19 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 18:57:56 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 19:09:37 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 19:23:07 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 19:40:47 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 19:57:56 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 20:08:08 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 20:27:56 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 20:42:17 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 20:55:25 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 21:07:01 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 21:13:53 login[35924]: USER_PROCESS: 35924 ttys004
5 Jun 2025 at 21:13:53 login[35926]: USER_PROCESS: 35926 ttys005
5 Jun 2025 at 21:17:11 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 21:25:15 login[38553]: USER_PROCESS: 38553 ttys006
5 Jun 2025 at 21:27:56 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 21:42:56 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 21:54:03 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 22:06:16 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 22:17:28 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 22:27:53 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 22:37:53 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 22:47:53 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 22:58:53 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 23:08:53 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 23:18:53 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 23:28:53 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 23:38:53 syslogd[370]: ASL Sender Statistics
5 Jun 2025 at 23:49:53 syslogd[370]: ASL Sender Statistics
6 Jun 2025 at 00:02:16 syslogd[370]: ASL Sender Statistics
6 Jun 2025 at 00:14:21 syslogd[370]: ASL Sender Statistics
6 Jun 2025 at 00:30:04 syslogd[370]: Configuration Notice:
ASL Module "com.apple.cdscheduler" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 00:30:04 syslogd[370]: Configuration Notice:
ASL Module "com.apple.install" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 00:30:04 syslogd[370]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/asl" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
6 Jun 2025 at 00:30:04 syslogd[370]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/system.log" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
6 Jun 2025 at 00:30:04 syslogd[370]: Configuration Notice:
ASL Module "com.apple.authd" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 00:30:04 syslogd[370]: Configuration Notice:
ASL Module "com.apple.eventmonitor" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 00:30:04 syslogd[370]: Configuration Notice:
ASL Module "com.apple.mail" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.

6 Jun 2025 at 00:30:04 syslogd[370]: Configuration Notice:
ASL Module "com.apple.performance" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 00:30:04 syslogd[370]: Configuration Notice:
ASL Module "com.apple.iokit.power" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 00:30:04 syslogd[370]: Configuration Notice:
ASL Module "com.apple.contacts.ContactsAutocomplete" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 00:30:04 syslogd[370]: Configuration Notice:
ASL Module "com.apple.mkb" sharing output destination "/private/var/log/keybagd.log" with ASL Module
"com.apple.mkb.internal".
Output parameters from ASL Module "com.apple.mkb.internal" override any specified in ASL Module "com.apple.mkb".
6 Jun 2025 at 00:30:04 syslogd[370]: Configuration Notice:
ASL Module "com.apple.mkb" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 00:30:04 syslogd[370]: Configuration Notice:
ASL Module "com.apple.MessageTracer" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 00:30:06 syslogd[370]: ASL Sender Statistics
6 Jun 2025 at 00:41:11 syslogd[370]: ASL Sender Statistics
6 Jun 2025 at 00:42:53 login[38553]: DEAD_PROCESS: 38553 ttys006
6 Jun 2025 at 00:42:53 login[35926]: DEAD_PROCESS: 35926 ttys005
6 Jun 2025 at 00:42:53 login[35924]: DEAD_PROCESS: 35924 ttys004
6 Jun 2025 at 00:42:55 sessionlogoutd[42324]: DEAD_PROCESS: 409 console
6 Jun 2025 at 00:42:55 shutdown[42326]: SHUTDOWN_TIME: 1749163375 121906
6 Jun 2025 at 00:43:13 bootlog[0]: BOOT_TIME 1749163393 652099
6 Jun 2025 at 00:44:58 syslogd[366]: Configuration Notice:
ASL Module "com.apple.cdscheduler" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 00:44:58 syslogd[366]: Configuration Notice:
ASL Module "com.apple.install" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 00:44:58 syslogd[366]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/asl" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
6 Jun 2025 at 00:44:58 syslogd[366]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/system.log" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
6 Jun 2025 at 00:44:58 syslogd[366]: Configuration Notice:
ASL Module "com.apple.authd" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 00:44:58 syslogd[366]: Configuration Notice:
ASL Module "com.apple.eventmonitor" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 00:44:58 syslogd[366]: Configuration Notice:
ASL Module "com.apple.mail" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 00:44:58 syslogd[366]: Configuration Notice:
ASL Module "com.apple.performance" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 00:44:58 syslogd[366]: Configuration Notice:
ASL Module "com.apple.iokit.power" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 00:44:58 syslogd[366]: Configuration Notice:
ASL Module "com.apple.contacts.ContactsAutocomplete" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 00:44:58 syslogd[366]: Configuration Notice:
ASL Module "com.apple.mkb" sharing output destination "/private/var/log/keybagd.log" with ASL Module
"com.apple.mkb.internal".
Output parameters from ASL Module "com.apple.mkb.internal" override any specified in ASL Module "com.apple.mkb".
6 Jun 2025 at 00:44:58 syslogd[366]: Configuration Notice:
ASL Module "com.apple.mkb" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 00:44:58 syslogd[366]: Configuration Notice:
ASL Module "com.apple.MessageTracer" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 00:44:58 syslogd[366]: ASL Sender Statistics
6 Jun 2025 at 00:45:00 loginwindow[405]: USER_PROCESS: 405 console
6 Jun 2025 at 00:45:03 login[726]: USER_PROCESS: 726 ttys000
6 Jun 2025 at 00:45:03 login[729]: USER_PROCESS: 729 ttys001
6 Jun 2025 at 00:45:03 login[730]: USER_PROCESS: 730 ttys002
6 Jun 2025 at 00:54:59 syslogd[366]: ASL Sender Statistics
6 Jun 2025 at 01:07:42 syslogd[366]: ASL Sender Statistics
6 Jun 2025 at 01:18:32 syslogd[366]: ASL Sender Statistics
6 Jun 2025 at 01:28:32 syslogd[366]: ASL Sender Statistics
6 Jun 2025 at 01:45:00 syslogd[366]: ASL Sender Statistics
6 Jun 2025 at 02:00:31 syslogd[366]: ASL Sender Statistics
6 Jun 2025 at 02:12:01 syslogd[366]: ASL Sender Statistics
6 Jun 2025 at 02:22:50 syslogd[366]: ASL Sender Statistics
6 Jun 2025 at 02:23:37 login[729]: DEAD_PROCESS: 729 ttys001
6 Jun 2025 at 02:23:37 login[726]: DEAD_PROCESS: 726 ttys000
6 Jun 2025 at 02:23:37 login[730]: DEAD_PROCESS: 730 ttys002
6 Jun 2025 at 02:23:37 sessionlogoutd[6132]: DEAD_PROCESS: 405 console
6 Jun 2025 at 02:23:55 bootlog[0]: BOOT_TIME 1749169435 122253
6 Jun 2025 at 02:24:50 syslogd[353]: Configuration Notice:
ASL Module "com.apple.cdscheduler" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 02:24:50 syslogd[353]: Configuration Notice:
ASL Module "com.apple.install" claims selected messages.

Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 02:24:50 syslogd[353]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/asl" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
6 Jun 2025 at 02:24:50 syslogd[353]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/system.log" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
6 Jun 2025 at 02:24:50 syslogd[353]: Configuration Notice:
ASL Module "com.apple.authd" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 02:24:50 syslogd[353]: Configuration Notice:
ASL Module "com.apple.eventmonitor" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 02:24:50 syslogd[353]: Configuration Notice:
ASL Module "com.apple.mail" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 02:24:50 syslogd[353]: Configuration Notice:
ASL Module "com.apple.performance" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 02:24:50 syslogd[353]: Configuration Notice:
ASL Module "com.apple.iokit.power" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 02:24:50 syslogd[353]: Configuration Notice:
ASL Module "com.apple.contacts.ContactsAutocomplete" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 02:24:50 syslogd[353]: Configuration Notice:
ASL Module "com.apple.mkb" sharing output destination "/private/var/log/keybagd.log" with ASL Module
"com.apple.mkb.internal".
Output parameters from ASL Module "com.apple.mkb.internal" override any specified in ASL Module "com.apple.mkb".
6 Jun 2025 at 02:24:50 syslogd[353]: Configuration Notice:
ASL Module "com.apple.mkb" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 02:24:50 syslogd[353]: Configuration Notice:
ASL Module "com.apple.MessageTracer" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 02:24:50 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 02:24:53 loginwindow[392]: USER_PROCESS: 392 console
6 Jun 2025 at 02:25:01 login[753]: USER_PROCESS: 753 ttys000
6 Jun 2025 at 02:25:04 login[816]: USER_PROCESS: 816 ttys001
6 Jun 2025 at 02:25:04 login[906]: USER_PROCESS: 906 ttys002
6 Jun 2025 at 02:34:52 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 02:55:23 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 03:07:41 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 03:18:54 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 03:34:06 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 03:55:14 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 04:14:11 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 04:31:12 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 04:48:25 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 05:05:53 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 05:24:23 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 05:39:53 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 05:56:06 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 06:09:43 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 06:28:04 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 06:40:54 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 07:01:38 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 07:19:48 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 07:41:04 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 07:57:39 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 08:07:15 login[49935]: USER_PROCESS: 49935 ttys008
6 Jun 2025 at 08:08:03 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 08:20:47 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 08:31:50 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 08:43:22 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 08:57:06 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 09:14:00 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 09:24:18 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 09:35:06 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 09:45:41 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 09:56:13 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 10:06:41 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 10:25:40 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 10:37:17 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 10:47:18 syslogd[353]: ASL Sender Statistics
6 Jun 2025 at 10:53:55 login[906]: DEAD_PROCESS: 906 ttys002
6 Jun 2025 at 10:53:55 login[816]: DEAD_PROCESS: 816 ttys001
6 Jun 2025 at 10:53:55 login[49935]: DEAD_PROCESS: 49935 ttys008
6 Jun 2025 at 10:53:55 login[753]: DEAD_PROCESS: 753 ttys000
6 Jun 2025 at 10:53:55 sessionlogoutd[56648]: DEAD_PROCESS: 392 console
6 Jun 2025 at 10:54:13 bootlog[0]: BOOT_TIME 1749200053 127380
6 Jun 2025 at 10:54:40 syslogd[348]: Configuration Notice:
ASL Module "com.apple.cdscheduler" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 10:54:40 syslogd[348]: Configuration Notice:
ASL Module "com.apple.install" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 10:54:40 syslogd[348]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/asl" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".

6 Jun 2025 at 10:54:40 syslogd[348]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/system.log" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
6 Jun 2025 at 10:54:40 syslogd[348]: Configuration Notice:
ASL Module "com.apple.authd" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 10:54:40 syslogd[348]: Configuration Notice:
ASL Module "com.apple.eventmonitor" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 10:54:40 syslogd[348]: Configuration Notice:
ASL Module "com.apple.mail" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 10:54:40 syslogd[348]: Configuration Notice:
ASL Module "com.apple.performance" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 10:54:40 syslogd[348]: Configuration Notice:
ASL Module "com.apple.iokit.power" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 10:54:40 syslogd[348]: Configuration Notice:
ASL Module "com.apple.contacts.ContactsAutocomplete" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 10:54:40 syslogd[348]: Configuration Notice:
ASL Module "com.apple.mkb" sharing output destination "/private/var/log/keybagd.log" with ASL Module
"com.apple.mkb.internal".
Output parameters from ASL Module "com.apple.mkb.internal" override any specified in ASL Module "com.apple.mkb".
6 Jun 2025 at 10:54:40 syslogd[348]: Configuration Notice:
ASL Module "com.apple.mkb" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 10:54:40 syslogd[348]: Configuration Notice:
ASL Module "com.apple.MessageTracer" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
6 Jun 2025 at 10:54:40 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 10:54:43 loginwindow[387]: USER_PROCESS: 387 console
6 Jun 2025 at 10:54:50 login[772]: USER_PROCESS: 772 ttys000
6 Jun 2025 at 10:54:51 login[779]: USER_PROCESS: 779 ttys001
6 Jun 2025 at 10:54:51 login[782]: USER_PROCESS: 782 ttys002
6 Jun 2025 at 10:54:51 login[786]: USER_PROCESS: 786 ttys003
6 Jun 2025 at 11:04:41 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 11:15:53 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 11:27:09 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 11:45:08 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 11:55:17 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 11:55:25 login[779]: DEAD_PROCESS: 779 ttys001
6 Jun 2025 at 11:55:25 login[782]: DEAD_PROCESS: 782 ttys002
6 Jun 2025 at 11:55:25 login[772]: DEAD_PROCESS: 772 ttys000
6 Jun 2025 at 11:55:25 login[786]: DEAD_PROCESS: 786 ttys003
6 Jun 2025 at 12:07:53 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 12:19:58 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 12:30:21 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 12:44:54 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 13:05:12 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 13:15:42 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 13:25:45 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 13:37:53 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 13:47:58 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 13:57:58 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 14:08:33 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 14:18:38 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 14:28:43 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 14:41:12 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 14:52:13 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 15:11:12 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 15:24:02 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 15:35:59 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 15:55:29 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 16:05:52 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 16:31:48 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 16:50:09 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 17:05:23 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 17:23:16 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 17:34:10 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 17:54:46 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 18:13:54 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 18:29:42 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 18:45:29 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 19:06:57 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 19:24:41 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 19:43:35 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 19:55:59 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 20:07:58 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 20:28:49 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 20:46:45 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 21:08:58 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 21:27:04 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 21:45:29 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 22:02:50 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 22:26:15 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 22:41:57 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 22:59:24 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 23:10:58 syslogd[348]: ASL Sender Statistics

6 Jun 2025 at 23:29:20 syslogd[348]: ASL Sender Statistics
6 Jun 2025 at 23:46:59 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 00:03:48 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 00:30:07 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 00:30:08 syslogd[348]: Configuration Notice:
ASL Module "com.apple.cdscheduler" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
7 Jun 2025 at 00:30:08 syslogd[348]: Configuration Notice:
ASL Module "com.apple.install" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
7 Jun 2025 at 00:30:08 syslogd[348]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/asl" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
7 Jun 2025 at 00:30:08 syslogd[348]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/system.log" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
7 Jun 2025 at 00:30:08 syslogd[348]: Configuration Notice:
ASL Module "com.apple.authd" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
7 Jun 2025 at 00:30:08 syslogd[348]: Configuration Notice:
ASL Module "com.apple.eventmonitor" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
7 Jun 2025 at 00:30:08 syslogd[348]: Configuration Notice:
ASL Module "com.apple.mail" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
7 Jun 2025 at 00:30:08 syslogd[348]: Configuration Notice:
ASL Module "com.apple.performance" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
7 Jun 2025 at 00:30:08 syslogd[348]: Configuration Notice:
ASL Module "com.apple.iokit.power" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
7 Jun 2025 at 00:30:08 syslogd[348]: Configuration Notice:
ASL Module "com.apple.contacts.ContactsAutocomplete" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
7 Jun 2025 at 00:30:08 syslogd[348]: Configuration Notice:
ASL Module "com.apple.mkb" sharing output destination "/private/var/log/keybagd.log" with ASL Module
"com.apple.mkb.internal".
Output parameters from ASL Module "com.apple.mkb.internal" override any specified in ASL Module "com.apple.mkb".
7 Jun 2025 at 00:30:08 syslogd[348]: Configuration Notice:
ASL Module "com.apple.mkb" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
7 Jun 2025 at 00:30:08 syslogd[348]: Configuration Notice:
ASL Module "com.apple.MessageTracer" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
7 Jun 2025 at 00:46:41 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 01:12:17 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 01:30:17 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 01:48:43 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 02:13:18 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 02:30:58 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 02:53:26 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 03:12:20 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 03:29:35 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 03:50:58 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 04:07:29 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 04:31:05 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 04:48:26 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 05:07:41 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 05:32:31 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 05:50:06 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 06:06:37 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 06:17:05 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 06:32:15 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 06:50:21 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 07:08:02 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 07:18:05 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 07:33:50 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 07:51:15 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 08:15:36 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 08:27:47 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 08:37:47 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 09:00:31 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 09:16:15 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 09:27:15 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 09:37:42 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 09:49:20 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 10:04:32 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 10:15:21 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 10:26:32 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 10:39:57 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 10:50:14 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 11:02:02 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 11:16:30 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 11:33:11 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 11:46:04 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 11:56:05 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 12:11:26 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 12:24:30 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 12:36:34 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 12:48:28 syslogd[348]: ASL Sender Statistics

7 Jun 2025 at 13:00:42 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 13:11:48 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 13:21:59 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 13:34:29 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 13:51:30 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 14:05:08 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 14:21:42 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 14:31:44 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 14:45:35 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 14:55:37 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 15:12:27 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 15:22:48 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 15:38:45 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 15:51:15 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 16:07:59 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 16:32:48 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 16:48:39 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 16:58:42 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 17:08:48 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 17:19:44 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 17:38:23 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 17:58:57 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 18:17:34 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 18:17:34 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 18:27:50 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 18:39:28 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 18:49:51 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 19:02:38 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 19:14:26 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 19:24:40 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 19:38:23 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 19:48:55 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 20:02:25 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 20:19:49 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 20:31:02 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 20:43:50 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 20:53:52 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 21:08:10 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 21:19:58 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 21:31:22 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 21:44:11 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 21:50:42 login[155]: USER_PROCESS: 155 ttys000
7 Jun 2025 at 21:50:51 login[155]: DEAD_PROCESS: 155 ttys000
7 Jun 2025 at 21:55:45 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 22:05:51 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 22:23:02 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 22:42:47 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 22:53:46 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 23:04:36 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 23:15:11 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 23:29:26 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 23:42:21 syslogd[348]: ASL Sender Statistics
7 Jun 2025 at 23:55:46 syslogd[348]: ASL Sender Statistics
8 Jun 2025 at 00:08:44 syslogd[348]: ASL Sender Statistics
8 Jun 2025 at 00:19:20 syslogd[348]: ASL Sender Statistics
8 Jun 2025 at 00:29:26 syslogd[348]: ASL Sender Statistics
8 Jun 2025 at 00:30:05 syslogd[348]: Configuration Notice:
ASL Module "com.apple.cdscheduler" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 00:30:05 syslogd[348]: Configuration Notice:
ASL Module "com.apple.install" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 00:30:05 syslogd[348]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/asl" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
8 Jun 2025 at 00:30:05 syslogd[348]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/system.log" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
8 Jun 2025 at 00:30:05 syslogd[348]: Configuration Notice:
ASL Module "com.apple.authd" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 00:30:05 syslogd[348]: Configuration Notice:
ASL Module "com.apple.eventmonitor" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 00:30:05 syslogd[348]: Configuration Notice:
ASL Module "com.apple.mail" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 00:30:05 syslogd[348]: Configuration Notice:
ASL Module "com.apple.performance" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 00:30:05 syslogd[348]: Configuration Notice:
ASL Module "com.apple.iokit.power" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 00:30:05 syslogd[348]: Configuration Notice:
ASL Module "com.apple.contacts.ContactsAutocomplete" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 00:30:05 syslogd[348]: Configuration Notice:
ASL Module "com.apple.mkb" sharing output destination "/private/var/log/keybagd.log" with ASL Module
"com.apple.mkb.internal".
Output parameters from ASL Module "com.apple.mkb.internal" override any specified in ASL Module "com.apple.mkb".

8 Jun 2025 at 00:30:05 syslogd[348]: Configuration Notice:
ASL Module "com.apple.mkb" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 00:30:05 syslogd[348]: Configuration Notice:
ASL Module "com.apple.MessageTracer" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 00:44:24 syslogd[348]: ASL Sender Statistics
8 Jun 2025 at 00:56:02 syslogd[348]: ASL Sender Statistics
8 Jun 2025 at 01:14:26 syslogd[348]: ASL Sender Statistics
8 Jun 2025 at 01:27:03 syslogd[348]: ASL Sender Statistics
8 Jun 2025 at 01:37:23 syslogd[348]: ASL Sender Statistics
8 Jun 2025 at 01:51:01 syslogd[348]: ASL Sender Statistics
8 Jun 2025 at 02:02:19 syslogd[348]: ASL Sender Statistics
8 Jun 2025 at 02:12:47 syslogd[348]: ASL Sender Statistics
8 Jun 2025 at 02:24:47 syslogd[348]: ASL Sender Statistics
8 Jun 2025 at 02:35:20 syslogd[348]: ASL Sender Statistics
8 Jun 2025 at 02:48:30 syslogd[348]: ASL Sender Statistics
8 Jun 2025 at 02:58:38 syslogd[348]: ASL Sender Statistics
8 Jun 2025 at 03:10:36 syslogd[348]: ASL Sender Statistics
8 Jun 2025 at 03:11:10 sessionlogoutd[5314]: DEAD_PROCESS: 387 console
8 Jun 2025 at 03:11:10 shutdown[5318]: SHUTDOWN_TIME: 1749345070 581921
8 Jun 2025 at 03:11:27 bootlog[0]: BOOT_TIME 1749345087 642364
8 Jun 2025 at 03:12:40 syslogd[357]: Configuration Notice:
ASL Module "com.apple.cdscheduler" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 03:12:40 syslogd[357]: Configuration Notice:
ASL Module "com.apple.install" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 03:12:40 syslogd[357]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/asl" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
8 Jun 2025 at 03:12:40 syslogd[357]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/system.log" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
8 Jun 2025 at 03:12:40 syslogd[357]: Configuration Notice:
ASL Module "com.apple.authd" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 03:12:40 syslogd[357]: Configuration Notice:
ASL Module "com.apple.eventmonitor" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 03:12:40 syslogd[357]: Configuration Notice:
ASL Module "com.apple.mail" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 03:12:40 syslogd[357]: Configuration Notice:
ASL Module "com.apple.performance" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 03:12:40 syslogd[357]: Configuration Notice:
ASL Module "com.apple.iokit.power" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 03:12:40 syslogd[357]: Configuration Notice:
ASL Module "com.apple.contacts.ContactsAutocomplete" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 03:12:40 syslogd[357]: Configuration Notice:
ASL Module "com.apple.mkb" sharing output destination "/private/var/log/keybagd.log" with ASL Module
"com.apple.mkb.internal".
Output parameters from ASL Module "com.apple.mkb.internal" override any specified in ASL Module "com.apple.mkb".
8 Jun 2025 at 03:12:40 syslogd[357]: Configuration Notice:
ASL Module "com.apple.mkb" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 03:12:40 syslogd[357]: Configuration Notice:
ASL Module "com.apple.MessageTracer" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 03:12:40 syslogd[357]: ASL Sender Statistics
8 Jun 2025 at 03:12:42 loginwindow[396]: USER_PROCESS: 396 console
8 Jun 2025 at 03:22:41 syslogd[357]: ASL Sender Statistics
8 Jun 2025 at 03:32:44 syslogd[357]: ASL Sender Statistics
8 Jun 2025 at 03:43:43 syslogd[357]: ASL Sender Statistics
8 Jun 2025 at 03:58:53 syslogd[357]: ASL Sender Statistics
8 Jun 2025 at 04:15:41 syslogd[357]: ASL Sender Statistics
8 Jun 2025 at 04:31:41 syslogd[357]: ASL Sender Statistics
8 Jun 2025 at 04:43:04 syslogd[357]: ASL Sender Statistics
8 Jun 2025 at 04:53:21 syslogd[357]: ASL Sender Statistics
8 Jun 2025 at 05:06:41 syslogd[357]: ASL Sender Statistics
8 Jun 2025 at 05:16:41 syslogd[357]: ASL Sender Statistics
8 Jun 2025 at 05:27:59 syslogd[357]: ASL Sender Statistics
8 Jun 2025 at 05:33:05 sessionlogoutd[3461]: DEAD_PROCESS: 396 console
8 Jun 2025 at 05:33:05 shutdown[3464]: SHUTDOWN_TIME: 1749353585 581441
8 Jun 2025 at 05:33:20 bootlog[0]: BOOT_TIME 1749353600 655822
8 Jun 2025 at 05:34:04 syslogd[351]: Configuration Notice:
ASL Module "com.apple.cdscheduler" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 05:34:04 syslogd[351]: Configuration Notice:
ASL Module "com.apple.install" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 05:34:04 syslogd[351]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/asl" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
8 Jun 2025 at 05:34:04 syslogd[351]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/system.log" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".

8 Jun 2025 at 05:34:04 syslogd[351]: Configuration Notice:
ASL Module "com.apple.authd" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 05:34:04 syslogd[351]: Configuration Notice:
ASL Module "com.apple.eventmonitor" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 05:34:04 syslogd[351]: Configuration Notice:
ASL Module "com.apple.mail" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 05:34:04 syslogd[351]: Configuration Notice:
ASL Module "com.apple.performance" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 05:34:04 syslogd[351]: Configuration Notice:
ASL Module "com.apple.iokit.power" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 05:34:04 syslogd[351]: Configuration Notice:
ASL Module "com.apple.contacts.ContactsAutocomplete" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 05:34:04 syslogd[351]: Configuration Notice:
ASL Module "com.apple.mkb" sharing output destination "/private/var/log/keybagd.log" with ASL Module
"com.apple.mkb.internal".
Output parameters from ASL Module "com.apple.mkb.internal" override any specified in ASL Module "com.apple.mkb".
8 Jun 2025 at 05:34:04 syslogd[351]: Configuration Notice:
ASL Module "com.apple.mkb" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 05:34:04 syslogd[351]: Configuration Notice:
ASL Module "com.apple.MessageTracer" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
8 Jun 2025 at 05:34:04 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 05:34:07 loginwindow[390]: USER_PROCESS: 390 console
8 Jun 2025 at 05:44:04 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 06:01:54 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 06:24:55 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 06:40:27 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 06:59:25 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 07:16:20 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 07:33:30 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 07:51:19 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 08:04:39 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 08:20:50 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 08:32:20 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 08:48:48 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 09:05:40 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 09:23:53 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 09:35:18 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 09:45:53 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 09:57:01 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 10:07:08 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 10:17:15 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 10:27:21 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 10:39:31 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 10:49:36 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 10:59:42 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 11:09:42 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 11:19:42 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 11:30:51 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 11:41:00 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 11:51:00 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 12:01:00 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 12:12:36 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 12:22:39 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 12:32:46 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 12:45:01 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 12:57:02 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 13:14:06 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 13:33:58 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 13:43:59 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 14:01:54 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 14:18:06 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 14:30:01 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 14:43:01 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 14:53:42 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 15:04:57 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 15:22:15 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 15:32:29 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 15:42:34 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 15:57:56 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 16:10:12 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 16:21:47 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 16:38:48 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 16:49:58 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 17:00:06 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 17:11:06 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 17:21:45 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 17:39:22 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 17:51:02 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 18:01:12 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 18:16:12 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 18:32:13 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 18:49:23 syslogd[351]: ASL Sender Statistics

8 Jun 2025 at 19:04:17 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 19:16:17 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 19:26:17 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 19:37:17 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 19:47:31 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 20:04:17 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 20:16:05 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 20:28:25 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 20:42:59 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 20:54:17 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 21:04:17 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 21:15:44 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 21:26:12 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 21:36:24 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 21:47:45 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 21:57:58 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 22:12:11 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 22:22:11 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 22:37:17 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 22:47:36 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 23:02:54 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 23:16:57 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 23:26:58 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 23:39:23 syslogd[351]: ASL Sender Statistics
8 Jun 2025 at 23:51:20 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 00:01:29 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 00:14:46 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 00:32:31 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 00:32:31 syslogd[351]: Configuration Notice:
ASL Module "com.apple.cdscheduler" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
9 Jun 2025 at 00:32:31 syslogd[351]: Configuration Notice:
ASL Module "com.apple.install" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
9 Jun 2025 at 00:32:31 syslogd[351]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/asl" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
9 Jun 2025 at 00:32:31 syslogd[351]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/system.log" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
9 Jun 2025 at 00:32:31 syslogd[351]: Configuration Notice:
ASL Module "com.apple.authd" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
9 Jun 2025 at 00:32:31 syslogd[351]: Configuration Notice:
ASL Module "com.apple.eventmonitor" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
9 Jun 2025 at 00:32:31 syslogd[351]: Configuration Notice:
ASL Module "com.apple.mail" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
9 Jun 2025 at 00:32:31 syslogd[351]: Configuration Notice:
ASL Module "com.apple.performance" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
9 Jun 2025 at 00:32:31 syslogd[351]: Configuration Notice:
ASL Module "com.apple.iokit.power" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
9 Jun 2025 at 00:32:31 syslogd[351]: Configuration Notice:
ASL Module "com.apple.contacts.ContactsAutocomplete" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
9 Jun 2025 at 00:32:31 syslogd[351]: Configuration Notice:
ASL Module "com.apple.mkb" sharing output destination "/private/var/log/keybagd.log" with ASL Module
"com.apple.mkb.internal".
Output parameters from ASL Module "com.apple.mkb.internal" override any specified in ASL Module "com.apple.mkb".
9 Jun 2025 at 00:32:31 syslogd[351]: Configuration Notice:
ASL Module "com.apple.mkb" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
9 Jun 2025 at 00:32:31 syslogd[351]: Configuration Notice:
ASL Module "com.apple.MessageTracer" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
9 Jun 2025 at 00:48:45 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 01:04:30 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 01:20:19 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 01:34:10 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 01:51:03 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 02:07:14 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 02:18:26 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 02:31:26 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 02:45:26 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 02:55:56 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 03:07:26 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 03:18:26 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 03:34:26 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 03:45:04 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 04:00:04 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 04:15:52 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 04:35:11 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 04:51:40 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 05:07:26 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 05:20:27 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 05:36:12 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 05:52:39 syslogd[351]: ASL Sender Statistics

9 Jun 2025 at 06:02:39 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 06:12:39 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 06:31:51 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 06:43:58 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 07:00:05 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 07:16:19 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 07:37:39 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 07:54:35 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 08:12:06 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 08:22:28 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 08:39:40 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 08:50:02 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 09:07:41 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 09:23:11 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 09:36:18 syslogd[351]: ASL Sender Statistics
9 Jun 2025 at 09:41:22 sessionlogoutd[6110]: DEAD_PROCESS: 390 console
9 Jun 2025 at 09:41:43 bootlog[0]: BOOT_TIME 1749454903 802581
9 Jun 2025 at 09:42:18 syslogd[349]: Configuration Notice:
ASL Module "com.apple.cdscheduler" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
9 Jun 2025 at 09:42:18 syslogd[349]: Configuration Notice:
ASL Module "com.apple.install" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
9 Jun 2025 at 09:42:18 syslogd[349]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/asl" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
9 Jun 2025 at 09:42:18 syslogd[349]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/system.log" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
9 Jun 2025 at 09:42:18 syslogd[349]: Configuration Notice:
ASL Module "com.apple.authd" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
9 Jun 2025 at 09:42:18 syslogd[349]: Configuration Notice:
ASL Module "com.apple.eventmonitor" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
9 Jun 2025 at 09:42:18 syslogd[349]: Configuration Notice:
ASL Module "com.apple.mail" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
9 Jun 2025 at 09:42:18 syslogd[349]: Configuration Notice:
ASL Module "com.apple.performance" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
9 Jun 2025 at 09:42:18 syslogd[349]: Configuration Notice:
ASL Module "com.apple.iokit.power" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
9 Jun 2025 at 09:42:18 syslogd[349]: Configuration Notice:
ASL Module "com.apple.contacts.ContactsAutocomplete" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
9 Jun 2025 at 09:42:18 syslogd[349]: Configuration Notice:
ASL Module "com.apple.mkb" sharing output destination "/private/var/log/keybagd.log" with ASL Module
"com.apple.mkb.internal".
Output parameters from ASL Module "com.apple.mkb.internal" override any specified in ASL Module "com.apple.mkb".
9 Jun 2025 at 09:42:18 syslogd[349]: Configuration Notice:
ASL Module "com.apple.mkb" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
9 Jun 2025 at 09:42:18 syslogd[349]: Configuration Notice:
ASL Module "com.apple.MessageTracer" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
9 Jun 2025 at 09:42:18 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 09:42:20 loginwindow[388]: USER_PROCESS: 388 console
9 Jun 2025 at 09:55:21 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 10:07:16 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 10:22:56 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 10:33:06 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 10:56:03 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 11:13:05 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 11:29:18 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 11:46:46 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 12:03:40 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 12:13:40 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 12:24:30 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 12:35:34 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 12:45:54 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 12:59:28 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 13:14:28 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 13:28:03 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 13:42:34 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 13:52:39 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 14:07:43 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 14:18:38 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 14:33:01 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 14:44:38 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 14:54:38 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 15:06:29 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 15:26:39 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 15:42:08 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 15:53:10 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 16:10:57 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 16:27:32 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 16:41:35 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 16:59:38 syslogd[349]: ASL Sender Statistics

9 Jun 2025 at 17:11:54 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 17:27:35 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 17:42:49 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 17:55:23 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 18:05:36 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 18:26:19 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 18:36:23 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 18:47:07 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 18:57:21 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 19:09:50 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 19:22:55 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 19:33:55 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 19:44:26 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 19:56:23 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 20:13:30 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 20:23:32 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 20:34:47 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 20:54:41 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 21:05:30 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 21:17:06 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 21:28:30 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 21:43:30 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 21:55:21 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 22:06:23 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 22:18:50 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 22:35:42 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 22:51:38 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 23:08:04 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 23:24:58 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 23:41:08 syslogd[349]: ASL Sender Statistics
9 Jun 2025 at 23:58:56 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 00:16:00 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 00:36:37 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 00:36:37 syslogd[349]: Configuration Notice:
ASL Module "com.apple.cdscheduler" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
10 Jun 2025 at 00:36:37 syslogd[349]: Configuration Notice:
ASL Module "com.apple.install" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
10 Jun 2025 at 00:36:37 syslogd[349]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/asl" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
10 Jun 2025 at 00:36:37 syslogd[349]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/system.log" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
10 Jun 2025 at 00:36:37 syslogd[349]: Configuration Notice:
ASL Module "com.apple.authd" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
10 Jun 2025 at 00:36:37 syslogd[349]: Configuration Notice:
ASL Module "com.apple.eventmonitor" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
10 Jun 2025 at 00:36:37 syslogd[349]: Configuration Notice:
ASL Module "com.apple.mail" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
10 Jun 2025 at 00:36:37 syslogd[349]: Configuration Notice:
ASL Module "com.apple.performance" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
10 Jun 2025 at 00:36:37 syslogd[349]: Configuration Notice:
ASL Module "com.apple.iokit.power" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
10 Jun 2025 at 00:36:37 syslogd[349]: Configuration Notice:
ASL Module "com.apple.contacts.ContactsAutocomplete" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
10 Jun 2025 at 00:36:37 syslogd[349]: Configuration Notice:
ASL Module "com.apple.mkb" sharing output destination "/private/var/log/keybagd.log" with ASL Module
"com.apple.mkb.internal".
Output parameters from ASL Module "com.apple.mkb.internal" override any specified in ASL Module "com.apple.mkb".
10 Jun 2025 at 00:36:37 syslogd[349]: Configuration Notice:
ASL Module "com.apple.mkb" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
10 Jun 2025 at 00:36:37 syslogd[349]: Configuration Notice:
ASL Module "com.apple.MessageTracer" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
10 Jun 2025 at 00:52:14 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 01:09:59 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 01:20:52 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 01:37:43 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 01:52:32 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 02:15:55 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 02:37:20 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 02:56:08 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 03:12:01 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 03:22:52 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 03:40:57 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 03:57:55 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 04:15:42 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 04:40:53 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 04:58:29 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 05:15:05 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 05:25:25 syslogd[349]: ASL Sender Statistics

10 Jun 2025 at 05:42:50 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 06:00:34 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 06:11:48 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 06:25:54 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 06:43:56 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 07:01:10 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 07:17:05 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 07:27:20 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 07:44:47 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 08:00:38 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 08:17:02 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 08:27:54 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 08:44:02 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 09:01:10 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 09:21:14 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 09:41:45 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 09:52:03 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 10:11:36 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 10:22:56 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 10:33:35 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 10:43:36 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 11:03:48 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 11:16:59 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 11:28:18 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 11:41:53 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 11:52:08 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 12:02:18 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 12:12:58 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 12:22:58 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 12:32:58 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 12:43:10 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 12:55:39 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 13:05:54 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 13:16:10 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 13:27:54 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 13:43:48 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 13:55:43 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 14:11:07 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 14:22:19 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 14:33:24 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 14:43:27 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 14:55:28 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 15:10:11 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 15:20:57 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 15:32:46 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 15:42:46 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 15:54:08 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 16:05:20 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 16:17:43 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 16:28:53 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 16:42:46 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 16:55:21 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 17:05:21 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 17:23:24 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 17:36:46 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 17:49:25 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 18:01:49 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 18:22:20 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 18:33:01 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 18:55:20 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 19:06:19 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 19:17:49 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 19:35:46 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 19:50:33 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 19:56:42 login[9744]: USER_PROCESS: 9744 ttys000
10 Jun 2025 at 19:56:44 login[9744]: DEAD_PROCESS: 9744 ttys000
10 Jun 2025 at 20:05:33 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 20:17:45 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 20:27:50 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 20:40:15 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 20:50:33 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 21:05:08 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 21:20:58 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 21:32:32 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 21:50:02 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 22:05:08 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 22:21:32 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 22:49:12 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 23:05:30 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 23:21:41 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 23:37:11 syslogd[349]: ASL Sender Statistics
10 Jun 2025 at 23:55:20 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 00:06:31 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 00:24:45 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 00:40:12 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 00:40:12 syslogd[349]: Configuration Notice:
ASL Module "com.apple.cdscheduler" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
11 Jun 2025 at 00:40:12 syslogd[349]: Configuration Notice:
ASL Module "com.apple.install" claims selected messages.

Those messages may not appear in standard system log files or in the ASL database.
11 Jun 2025 at 00:40:12 syslogd[349]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/asl" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
11 Jun 2025 at 00:40:12 syslogd[349]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/system.log" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
11 Jun 2025 at 00:40:12 syslogd[349]: Configuration Notice:
ASL Module "com.apple.authd" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
11 Jun 2025 at 00:40:12 syslogd[349]: Configuration Notice:
ASL Module "com.apple.eventmonitor" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
11 Jun 2025 at 00:40:12 syslogd[349]: Configuration Notice:
ASL Module "com.apple.mail" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
11 Jun 2025 at 00:40:12 syslogd[349]: Configuration Notice:
ASL Module "com.apple.performance" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
11 Jun 2025 at 00:40:12 syslogd[349]: Configuration Notice:
ASL Module "com.apple.iokit.power" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
11 Jun 2025 at 00:40:12 syslogd[349]: Configuration Notice:
ASL Module "com.apple.contacts.ContactsAutocomplete" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
11 Jun 2025 at 00:40:12 syslogd[349]: Configuration Notice:
ASL Module "com.apple.mkb" sharing output destination "/private/var/log/keybagd.log" with ASL Module
"com.apple.mkb.internal".
Output parameters from ASL Module "com.apple.mkb.internal" override any specified in ASL Module "com.apple.mkb".
11 Jun 2025 at 00:40:12 syslogd[349]: Configuration Notice:
ASL Module "com.apple.mkb" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
11 Jun 2025 at 00:40:12 syslogd[349]: Configuration Notice:
ASL Module "com.apple.MessageTracer" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
11 Jun 2025 at 00:57:44 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 01:07:44 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 01:25:12 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 01:40:56 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 01:57:43 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 02:08:32 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 02:27:49 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 02:37:50 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 02:49:04 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 03:01:12 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 03:13:12 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 03:25:06 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 03:35:11 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 03:47:56 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 04:00:04 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 04:11:31 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 04:22:19 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 04:32:25 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 04:44:34 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 04:54:40 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 05:06:50 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 05:17:57 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 05:28:04 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 05:38:11 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 05:49:16 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 06:00:23 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 06:10:52 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 06:21:37 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 06:34:45 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 06:46:54 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 06:57:29 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 07:07:33 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 07:20:14 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 07:34:23 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 07:57:45 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 08:09:34 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 08:19:53 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 08:30:04 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 08:40:41 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 08:55:41 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 09:08:18 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 09:22:09 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 09:40:41 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 09:50:50 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 10:03:28 login[13241]: USER_PROCESS: 13241 ttys000
11 Jun 2025 at 10:03:28 syslogd[349]: ASL Sender Statistics
11 Jun 2025 at 10:14:39 syslogd[349]: ASL Sender Statistics

Installer log:

Source: /var/log/install.log
Size: 8,8 MB (8.833.879 bytes)
Last Modified: 11/06/2025, 10:16
Recent Contents: ...
                 2025-06-10 14:42:26+02 Frisos-MacBook-Air softwareupdated[6489]: /Library/Bundles does not exist - watching for

directory creation

2025-06-10 14:42:26+02 Frisos-MacBook-Air softwareupdated[6489]: Previous System Version : 15.5 (24F74), Current System Version : 15.5 (24F74)

2025-06-10 14:42:26+02 Frisos-MacBook-Air softwareupdated[6489]: softwareupdated startup time: 0.329523

2025-06-10 14:42:26+02 Frisos-MacBook-Air softwareupdated[6489]: BackgroundActivity: Activity check-in with interval 0 seconds

2025-06-10 14:42:26+02 Frisos-MacBook-Air softwareupdated[6489]: BackgroundActivity: Starting Background Check Activity

2025-06-10 14:42:26+02 Frisos-MacBook-Air softwareupdated[6489]: BackgroundActivity: Starting background actions now.

2025-06-10 14:42:26+02 Frisos-MacBook-Air softwareupdated[6489]: BackgroundActions: Automatic check parameters: autoDownload=YES, autoConfigData=YES, autoCriticalInstall=YES

2025-06-10 14:42:26+02 Frisos-MacBook-Air softwareupdated[6489]: SoftwareUpdate: Should Check=YES. Next check=09/06/2025, 14:53 (interval=86280.000000, A/C=YES

2025-06-10 14:42:26+02 Frisos-MacBook-Air softwareupdated[6489]: SoftwareUpdate: Fire periodic check for interval

2025-06-10 14:42:26+02 Frisos-MacBook-Air softwareupdated[6489]: BackgroundActions: checking for updates

2025-06-10 14:42:26+02 Frisos-MacBook-Air softwareupdated[6489]: SUScan: Scan for client pid 6489 (/System/Library/CoreServices/Software Update.app/Contents/Resources/softwareupdated)

2025-06-10 14:42:28+02 Frisos-MacBook-Air softwareupdated[6489]: Got status 200

2025-06-10 14:42:28+02 Frisos-MacBook-Air softwareupdated[6489]: SUScan: Using catalog https://swscan.apple.com/content/catalogs/others/index-15seed-15-14-13-12-10.16-10.15-10.14-10.13-10.12-10.11-10.10-10.9-mountainlion-lion-snowleopard-leopard.merged-1.sucatalog.gz

2025-06-10 14:42:29+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script

2025-06-10 14:42:29+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script

2025-06-10 14:42:29+02 Frisos-MacBook-Air softwareupdated[6489]: Failed to get bridge device

2025-06-10 14:42:29+02 Frisos-MacBook-Air softwareupdated[6489]: Failed to get bridge device

2025-06-10 14:42:29+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script

2025-06-10 14:42:29+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script

2025-06-10 14:42:29+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script

2025-06-10 14:42:29+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'system.ioregistry.fromPath('IODeviceTree:/rom\@0').version') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script

2025-06-10 14:42:30+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script

2025-06-10 14:42:30+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script

2025-06-10 14:42:30+02 Frisos-MacBook-Air softwareupdated[6489]: Failed to get bridge device

2025-06-10 14:42:30+02 Frisos-MacBook-Air softwareupdated[6489]: Failed to get bridge device

2025-06-10 14:42:30+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script

2025-06-10 14:42:30+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script

2025-06-10 14:42:30+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script

2025-06-10 14:42:31+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script

2025-06-10 14:42:31+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script

2025-06-10 14:42:31+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script

2025-06-10 14:42:31+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script

2025-06-10 14:42:31+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script

2025-06-10 14:42:31+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script

2025-06-10 14:42:31+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script

2025-06-10 14:42:31+02 Frisos-MacBook-Air softwareupdated[6489]: Failed to get bridge device

2025-06-10 14:42:31+02 Frisos-MacBook-Air softwareupdated[6489]: Failed to get bridge device

2025-06-10 14:42:31+02 Frisos-MacBook-Air softwareupdated[6489]: Failed to get bridge device

2025-06-10 14:42:31+02 Frisos-MacBook-Air softwareupdated[6489]: Failed to get bridge device

2025-06-10 14:42:31+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script

2025-06-10 14:42:31+02 Frisos-MacBook-Air softwareupdated[6489]: SUOSULoginCredentialPolicyManager: No update downloaded and prepared.

2025-06-10 14:42:31+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-

check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 14:42:31+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 14:42:31+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 14:42:32+02 Frisos-MacBook-Air softwareupdated[6489]: JS: 15.5
2025-06-10 14:42:32+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 14:42:32+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 14:42:32+02 Frisos-MacBook-Air softwareupdated[6489]: Failed to get bridge device
2025-06-10 14:42:32+02 Frisos-MacBook-Air softwareupdated[6489]: Failed to get bridge device
2025-06-10 14:42:32+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 14:42:32+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 14:42:32+02 Frisos-MacBook-Air softwareupdated[6489]: JS: No bundle at/Applications/SafeView.app
2025-06-10 14:42:32+02 Frisos-MacBook-Air softwareupdated[6489]: Failed to get bridge device
2025-06-10 14:42:32+02 Frisos-MacBook-Air softwareupdated[6489]: Failed to get bridge device
2025-06-10 14:42:32+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 14:42:32+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 14:42:32+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 14:42:32+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 14:42:33+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 14:42:33+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 14:42:33+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 14:42:37+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 14:42:37+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 14:42:37+02 Frisos-MacBook-Air softwareupdated[6489]: Failed to get bridge device
2025-06-10 14:42:37+02 Frisos-MacBook-Air softwareupdated[6489]: Failed to get bridge device
2025-06-10 14:42:37+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 14:42:37+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 14:42:37+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 14:42:37+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 14:42:37+02 Frisos-MacBook-Air softwareupdated[6489]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 14:42:38+02 Frisos-MacBook-Air softwareupdated[6489]: SUScan: Elapsed scan time = 11.7
2025-06-10 14:42:38+02 Frisos-MacBook-Air softwareupdated[6489]: Refreshing available updates from scan
2025-06-10 14:42:38+02 Frisos-MacBook-Air softwareupdated[6489]: Scan (f=1, d=1) completed
2025-06-10 14:42:38+02 Frisos-MacBook-Air softwareupdated[6489]: 0 updates found:
2025-06-10 14:42:38+02 Frisos-MacBook-Air softwareupdated[6489]: SUOSUServiceClientManager: Chose on-console client: SoftwareUpdateNotificationManager (type = sunm, pid = 6522, uid = 501, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2025-06-10 14:42:38+02 Frisos-MacBook-Air softwareupdated[6489]: SUOSNotificationBundleHandler: Should notify? NO (Notification pending=0, bundle exists=0, mdmInitiatedNotificationBundleInstall=0)
2025-06-10 14:42:38+02 Frisos-MacBook-Air softwareupdated[6489]: Adding client SUUpdateServiceClient pid=6522, uid=501, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2025-06-10 14:42:38+02 Frisos-MacBook-Air softwareupdated[6489]: BackgroundActions: Legacy scan completed
2025-06-10 14:42:38+02 Frisos-MacBook-Air softwareupdated[6489]: BackgroundActions: 0 user-visible product(s):
2025-06-10 14:42:38+02 Frisos-MacBook-Air softwareupdated[6489]: BackgroundActions: 0 enabled config-data product(s): (want active updates only)

2025-06-10 14:42:38+02 Frisos-MacBook-Air softwareupdated[6489]: BackgroundActions: 0 firmware product(s):
2025-06-10 14:42:38+02 Frisos-MacBook-Air softwareupdated[6489]: BackgroundActions: 0 Critical product(s) -
[download and install now:], [download and queue for post logout now:], [download only:], [no action:]
2025-06-10 14:42:38+02 Frisos-MacBook-Air softwareupdated[6489]: BackgroundActivity: Starting background
download now.
2025-06-10 14:42:38+02 Frisos-MacBook-Air softwareupdated[6489]: SUOSUServiceDaemon: DO MSU BACKGROUND
ACTIONS!
2025-06-10 14:42:38+02 Frisos-MacBook-Air softwareupdated[6489]: BackgroundActivity: Finished Background Check
Activity
2025-06-10 14:42:38+02 Frisos-MacBook-Air softwareupdated[6489]: SUOSUServiceDaemon: BackgroundActivity:
Perform background scan
2025-06-10 14:42:38+02 Frisos-MacBook-Air softwareupdated[6489]: SUOSUMobileSoftwareUpdateController: Starting
scan with options: Background=1, MDMInitiated=0, BuddyInitiated=0, requestedPMV=(null))
2025-06-10 14:42:38+02 Frisos-MacBook-Air softwareupdated[6489]: SUOSUMobileSoftwareUpdateController: Set
bridgeOS catalog override to catalogURL default
2025-06-10 14:42:38+02 Frisos-MacBook-Air softwareupdated[6489]: SUOSUMobileSoftwareUpdateController: Setting
requestedPMV to nil
2025-06-10 14:42:38+02 Frisos-MacBook-Air softwareupdated[6489]: SUOSULoginCredentialPolicyManager: No update
downloaded and prepared.
2025-06-10 14:42:38+02 Frisos-MacBook-Air softwareupdated[6489]: Adding client SUUpdateServiceClient pid=6522,
uid=501, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/
Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2025-06-10 14:42:38+02 Frisos-MacBook-Air softwareupdated[6489]: Adding client SUUpdateServiceClient pid=6522,
uid=501, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/
Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2025-06-10 14:43:39+02 Frisos-MacBook-Air softwareupdated[6489]: SUOSUMobileSoftwareUpdateController: Scan
finished
2025-06-10 14:43:39+02 Frisos-MacBook-Air softwareupdated[6489]:

majorPrimaryDescriptor: (null)
2025-06-10 14:43:39+02 Frisos-MacBook-Air softwareupdated[6489]:

minorPrimaryDescriptor: (null)
2025-06-10 14:43:39+02 Frisos-MacBook-Air softwareupdated[6489]: SUOSUServiceDaemon: Setting
availableMobileSoftwareUpdates = (

)
2025-06-10 14:43:39+02 Frisos-MacBook-Air softwareupdated[6489]: SUOSUServiceDaemon: BackgroundActivity: No
products.
2025-06-10 14:43:39+02 Frisos-MacBook-Air softwareupdated[6489]: softwareupdated: Posting
com.apple.softwareupdate.AutoBackgroundScanFinished notification
2025-06-10 14:43:39+02 Frisos-MacBook-Air softwareupdated[6489]: int main(int, const char **)_block_invoke:
Removed old declarations upon successful update
2025-06-10 14:43:39+02 Frisos-MacBook-Air softwareupdated[6489]: SUOSUInactivityPredictor: Predicting an inactivity
between Tue Jun 10 14:43:39 2025 and Wed Jun 11 14:43:39 2025
2025-06-10 14:43:47+02 Frisos-MacBook-Air softwareupdated[6489]: -[SUOSUServiceDaemon
scheduleUpdatesAvailableBSDNotification]_block_invoke: No predicted inactivity date
2025-06-10 14:43:47+02 Frisos-MacBook-Air softwareupdated[6489]: -[SUOSUServiceDaemon
scheduleUpdatesAvailableBSDNotification]_block_invoke: Posting com.apple.SoftwareUpdate.updatesAvailable
notification
2025-06-10 14:43:47+02 Frisos-MacBook-Air softwareupdated[6489]: -[SUOSUManagedServiceDaemon
invalidAndRemoveOldDeclarations]_block_invoke: Removed 0 invalid declarations
2025-06-10 15:12:06+02 Frisos-MacBook-Air suhelperd[530]: DISPATCH_MACH_NO_SENDERS for client port.
2025-06-10 15:12:06+02 Frisos-MacBook-Air suhelperd[530]: DISPATCH_MACH_DISCONNECTED for client port.
2025-06-10 15:12:06+02 Frisos-MacBook-Air suhelperd[530]: Client(pid:6489) has disconnected.
2025-06-10 15:12:26+02 Frisos-MacBook-Air softwareupdated[6880]: softwareupdated: Starting with build 15.5 (24F74)
2025-06-10 15:12:27+02 Frisos-MacBook-Air softwareupdated[6880]: Initializing SoftwareUpdateMacController
(SUMacControllerServer)
2025-06-10 15:12:27+02 Frisos-MacBook-Air softwareupdated[6880]: Initialized SoftwareUpdateMacController
(SUMacControllerServer)
2025-06-10 15:12:27+02 Frisos-MacBook-Air softwareupdated[6880]: shouldDoPeriodicMDMActions:
maximumManagedDoItLaterDeferralCount: (null), managedDoItLaterDeferralCount: 0
2025-06-10 15:12:27+02 Frisos-MacBook-Air softwareupdated[6880]: -[SUOSUManagedServiceDaemon
migrationOldDeclarationsToPersistencePath]_block_invoke: No old declarations to migrate
2025-06-10 15:12:27+02 Frisos-MacBook-Air softwareupdated[6880]: Not authorized to clear preference
SplatProductVersion
2025-06-10 15:12:27+02 Frisos-MacBook-Air softwareupdated[6880]: Not authorized to clear preference
TimeOfSemiSplatCompletion
2025-06-10 15:12:27+02 Frisos-MacBook-Air softwareupdated[6880]: Not authorized to clear preference
DDMPastDuePaddedEnforcementDateKey
2025-06-10 15:12:27+02 Frisos-MacBook-Air softwareupdated[6880]: SUOSUServiceDaemon: Use standard 6 hour auto
update interval
2025-06-10 15:12:27+02 Frisos-MacBook-Air softwareupdated[6880]: authorizeWithEmptyAuthorizationForRights:
Requesting provided rights: 1
2025-06-10 15:12:27+02 Frisos-MacBook-Air softwareupdated[6880]: SUOSUServiceDaemon: Untracked client
connected: loginwindow (type = untracked, pid = 388, uid = 501, path = /System/Library/CoreServices/loginwindow.app/
Contents/MacOS/loginwindow)
2025-06-10 15:12:27+02 Frisos-MacBook-Air softwareupdated[6880]: SUOSULoginCredentialPolicyManager: No update
downloaded and prepared.
2025-06-10 15:12:27+02 Frisos-MacBook-Air loginwindow[388]: +[SUOSULoginCredentialPolicy
currentLoginCredentialPolicy] = 0
2025-06-10 15:12:27+02 Frisos-MacBook-Air softwareupdated[6880]: CacheDeleteSetCacheable: 1
2025-06-10 15:12:27+02 Frisos-MacBook-Air softwareupdated[6880]: /Library/Bundles does not exist - watching for
directory creation
2025-06-10 15:12:27+02 Frisos-MacBook-Air softwareupdated[6880]: Previous System Version : 15.5 (24F74), Current
System Version : 15.5 (24F74)
2025-06-10 15:12:27+02 Frisos-MacBook-Air softwareupdated[6880]: softwareupdated startup time: 0.841592
2025-06-10 15:12:27+02 Frisos-MacBook-Air softwareupdated[6880]: SUOSUPowerEventObserver: System will sleep
2025-06-10 15:12:27+02 Frisos-MacBook-Air softwareupdated[6880]: BackgroundActivity: Activity check-in with interval
0 seconds

2025-06-10 15:12:27+02 Frisos-MacBook-Air softwareupdated[6880]: Adding client SUUpdateServiceClient pid=6522, uid=501, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2025-06-10 15:12:27+02 Frisos-MacBook-Air system_installd[6884]: installd: Starting
2025-06-10 15:12:27+02 Frisos-MacBook-Air system_installd[6884]: installd: uid=0, euid=0
2025-06-10 15:12:27+02 Frisos-MacBook-Air system_installd[6884]: PackageKit: Adding client PKInstallDaemonClient pid=6880, uid=200 (/System/Library/CoreServices/Software Update.app/Contents/Resources/softwareupdated)
2025-06-10 15:12:27+02 Frisos-MacBook-Air softwareupdated[6880]: PackageKit: Registered a global authorization to daemon, the daemon will be unable to idle exit.
2025-06-10 15:12:28+02 Frisos-MacBook-Air installd[6886]: installd: Starting
2025-06-10 15:12:28+02 Frisos-MacBook-Air installd[6886]: installd: uid=0, euid=0
2025-06-10 15:12:28+02 Frisos-MacBook-Air installd[6886]: PackageKit: Adding client PKInstallDaemonClient pid=6880, uid=200 (/System/Library/CoreServices/Software Update.app/Contents/Resources/softwareupdated)
2025-06-10 15:12:28+02 Frisos-MacBook-Air softwareupdated[6880]: PackageKit: Registered a global authorization to daemon, the daemon will be unable to idle exit.
2025-06-10 15:12:28+02 Frisos-MacBook-Air installd[6886]: PackageKit: Adding client PKInstallDaemonClient pid=6880, uid=200 (/System/Library/CoreServices/Software Update.app/Contents/Resources/softwareupdated)
2025-06-10 15:12:28+02 Frisos-MacBook-Air softwareupdated[6880]: PackageKit: Registered a global authorization to daemon, the daemon will be unable to idle exit.
2025-06-10 15:12:32+02 Frisos-MacBook-Air softwareupdated[6880]: SUOSULoginCredentialPolicyManager: No update downloaded and prepared.
2025-06-10 15:12:41+02 Frisos-MacBook-Air softwareupdated[6880]: Adding client SUUpdateServiceClient pid=6903, uid=0, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/XprotectFramework.framework/Versions/A/XPCServices/XProtectUpdateService.xpc/Contents/MacOS/XProtectUpdateService)
2025-06-10 15:12:41+02 Frisos-MacBook-Air softwareupdated[6880]: Adding client SUUpdateServiceClient pid=6902, uid=0, installAuth=NO rights=(), transactions=0 (/usr/libexec/keybagd)
2025-06-10 15:18:49+02 Frisos-MacBook-Air softwareupdated[6880]: SUOSUPowerEventObserver: System has powered on
2025-06-10 15:30:07+02 Frisos-MacBook-Air softwareupdated[6880]: Removing client SUUpdateServiceClient pid=6902, uid=0, installAuth=NO rights=(), transactions=0 (/usr/libexec/keybagd)
2025-06-10 15:30:20+02 Frisos-MacBook-Air softwareupdated[6880]: Removing client SUUpdateServiceClient pid=6903, uid=0, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/XprotectFramework.framework/Versions/A/XPCServices/XProtectUpdateService.xpc/Contents/MacOS/XProtectUpdateService)
2025-06-10 15:30:42+02 Frisos-MacBook-Air softwareupdated[6880]: Removing client SUUpdateServiceClient pid=6522, uid=501, installAuth=YES rights=(system.install.apple-software, system.install.apple-software.standard-user, com.apple.SoftwareUpdate.modify-settings), transactions=1 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2025-06-10 15:50:56+02 Frisos-MacBook-Air loginwindow[388]: SUOSUUpdateController: Service connection interrupted w/ scheduler!
2025-06-10 15:50:56+02 Frisos-MacBook-Air suhelperd[530]: DISPATCH_MACH_NO_SENDERS for client port.
2025-06-10 15:50:56+02 Frisos-MacBook-Air suhelperd[530]: DISPATCH_MACH_DISCONNECTED for client port.
2025-06-10 15:50:56+02 Frisos-MacBook-Air suhelperd[530]: Client(pid:6880) has disconnected.
2025-06-10 15:50:56+02 Frisos-MacBook-Air system_installd[6884]: PackageKit: Removing client PKInstallDaemonClient pid=6880, uid=200 (/System/Library/CoreServices/Software Update.app/Contents/Resources/softwareupdated)
2025-06-10 15:50:56+02 Frisos-MacBook-Air installd[6886]: PackageKit: Removing client PKInstallDaemonClient pid=6880, uid=200 (/System/Library/CoreServices/Software Update.app/Contents/Resources/softwareupdated)
2025-06-10 15:50:56+02 Frisos-MacBook-Air installd[6886]: PackageKit: Removing client PKInstallDaemonClient pid=6880, uid=200 (/System/Library/CoreServices/Software Update.app/Contents/Resources/softwareupdated)
2025-06-10 16:13:47+02 Frisos-MacBook-Air system_installd[7755]: installd: Starting
2025-06-10 16:13:47+02 Frisos-MacBook-Air system_installd[7755]: installd: uid=0, euid=0
2025-06-10 16:13:47+02 Frisos-MacBook-Air installd[7757]: installd: Starting
2025-06-10 16:13:47+02 Frisos-MacBook-Air installd[7757]: installd: uid=0, euid=0
2025-06-10 16:25:00+02 Frisos-MacBook-Air system_installd[8042]: installd: Starting
2025-06-10 16:25:00+02 Frisos-MacBook-Air system_installd[8042]: installd: uid=0, euid=0
2025-06-10 16:25:00+02 Frisos-MacBook-Air installd[8043]: installd: Starting
2025-06-10 16:25:00+02 Frisos-MacBook-Air installd[8043]: installd: uid=0, euid=0
2025-06-10 16:49:59+02 Frisos-MacBook-Air softwareupdated[8213]: softwareupdated: Starting with build 15.5 (24F74)
2025-06-10 16:50:00+02 Frisos-MacBook-Air softwareupdated[8213]: Initializing SoftwareUpdateMacController (SUMacControllerServer)
2025-06-10 16:50:00+02 Frisos-MacBook-Air softwareupdated[8213]: Initialized SoftwareUpdateMacController (SUMacControllerServer)
2025-06-10 16:50:00+02 Frisos-MacBook-Air softwareupdated[8213]: -[SUOSUManagedServiceDaemon migrationOldDeclarationsToPersistencePath]_block_invoke: No old declarations to migrate
2025-06-10 16:50:00+02 Frisos-MacBook-Air softwareupdated[8213]: shouldDoPeriodicMDMActions: maximumManagedDoItLaterDeferralCount: (null), managedDoItLaterDeferralCount: 0
2025-06-10 16:50:00+02 Frisos-MacBook-Air softwareupdated[8213]: Not authorized to clear preference SplatProductVersion
2025-06-10 16:50:00+02 Frisos-MacBook-Air softwareupdated[8213]: Not authorized to clear preference TimeOfSemiSplatCompletion
2025-06-10 16:50:00+02 Frisos-MacBook-Air softwareupdated[8213]: Not authorized to clear preference DDMPastDuePaddedEnforcementDateKey
2025-06-10 16:50:00+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUServiceDaemon: Use standard 6 hour auto update interval
2025-06-10 16:50:00+02 Frisos-MacBook-Air softwareupdated[8213]: authorizeWithEmptyAuthorizationForRights: Requesting provided rights: 1
2025-06-10 16:50:00+02 Frisos-MacBook-Air softwareupdated[8213]: CacheDeleteSetCacheable: 1
2025-06-10 16:50:00+02 Frisos-MacBook-Air softwareupdated[8213]: /Library/Bundles does not exist - watching for directory creation
2025-06-10 16:50:00+02 Frisos-MacBook-Air softwareupdated[8213]: Previous System Version : 15.5 (24F74), Current System Version : 15.5 (24F74)
2025-06-10 16:50:00+02 Frisos-MacBook-Air softwareupdated[8213]: softwareupdated startup time: 0.473995
2025-06-10 16:50:00+02 Frisos-MacBook-Air softwareupdated[8213]: BackgroundActivity: Activity check-in with interval 0 seconds
2025-06-10 16:50:00+02 Frisos-MacBook-Air softwareupdated[8213]: Adding client SUUpdateServiceClient pid=8212, uid=0, installAuth=NO rights=(), transactions=0 (/usr/libexec/mobileassetd)
2025-06-10 16:50:05+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSULoginCredentialPolicyManager: No update downloaded and prepared.
2025-06-10 16:51:32+02 Frisos-MacBook-Air system_installd[8252]: installd: Starting
2025-06-10 16:51:32+02 Frisos-MacBook-Air system_installd[8252]: installd: uid=0, euid=0

2025-06-10 16:51:32+02 Frisos-MacBook-Air installd[8259]: installd: Starting
2025-06-10 16:51:32+02 Frisos-MacBook-Air installd[8259]: installd: uid=0, euid=0
2025-06-10 17:04:22+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUServiceDaemon: Untracked client connected: loginwindow (type = untracked, pid = 388, uid = 501, path = /System/Library/CoreServices/loginwindow.app/Contents/MacOS/loginwindow)
2025-06-10 17:04:22+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSULoginCredentialPolicyManager: No update downloaded and prepared.
2025-06-10 17:04:22+02 Frisos-MacBook-Air loginwindow[388]: +[SUOSULoginCredentialPolicy currentLoginCredentialPolicy] = 0
2025-06-10 17:04:23+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUPowerEventObserver: System will sleep
2025-06-10 17:49:25+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUPowerEventObserver: System has powered on
2025-06-10 17:51:40+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSULoginCredentialPolicyManager: No update downloaded and prepared.
2025-06-10 17:51:40+02 Frisos-MacBook-Air loginwindow[388]: +[SUOSULoginCredentialPolicy currentLoginCredentialPolicy] = 0
2025-06-10 17:51:40+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUPowerEventObserver: System will sleep
2025-06-10 18:01:49+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUPowerEventObserver: System has powered on
2025-06-10 18:06:32+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUPowerEventObserver: System will sleep
2025-06-10 18:06:32+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSULoginCredentialPolicyManager: No update downloaded and prepared.
2025-06-10 18:06:32+02 Frisos-MacBook-Air loginwindow[388]: +[SUOSULoginCredentialPolicy currentLoginCredentialPolicy] = 0
2025-06-10 18:22:21+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUServiceDaemon: Periodic autoupdate action called
2025-06-10 18:22:21+02 Frisos-MacBook-Air softwareupdated[8213]: -[SUOSUServiceDaemon doPeriodicActions]: Doing periodic auto update action
2025-06-10 18:22:21+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUServiceDaemon: Posting com.apple.SoftwareUpdateNotificationManager.wakeup notification
2025-06-10 18:22:21+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUServiceDaemon: Waiting 5s for clients to wake up
2025-06-10 18:22:21+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUServiceClientManager: Chose on-console client: SoftwareUpdateNotificationManager (type = sunm, pid = 8629, uid = 501, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2025-06-10 18:22:21+02 Frisos-MacBook-Air softwareupdated[8213]: Adding client SUUpdateServiceClient pid=8629, uid=501, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2025-06-10 18:28:01+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSULoginCredentialPolicyManager: No update downloaded and prepared.
2025-06-10 18:28:01+02 Frisos-MacBook-Air loginwindow[388]: +[SUOSULoginCredentialPolicy currentLoginCredentialPolicy] = 0
2025-06-10 18:28:01+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUPowerEventObserver: System has powered on
2025-06-10 18:28:02+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUServiceDaemon: Done waiting for clients to wake up
2025-06-10 18:28:02+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUServiceClientManager: Chose on-console client: SoftwareUpdateNotificationManager (type = sunm, pid = 8629, uid = 501, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2025-06-10 18:28:02+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUServiceDaemon: Hello 9B44B806-FDBF-41D5-B143-A258C9869EBD
2025-06-10 18:28:02+02 Frisos-MacBook-Air softwareupdated[8213]: Adding client SUUpdateServiceClient pid=8629, uid=501, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2025-06-10 18:28:02+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUMobileSoftwareUpdateController: Updating additionalUpdateMetricEventFields: {

autoUpdate = false;

buddy = false;

commandLine = false;

installTonight = false;

mdm = false;

notification = true;

settings = false;

}
2025-06-10 18:28:02+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUMobileSoftwareUpdateController: Starting scan with options: Background=1, MDMInitiated=0, BuddyInitiated=0, requestedPMV=(null))
2025-06-10 18:28:02+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUMobileSoftwareUpdateController: Set bridgeOS catalog override to catalogURL default
2025-06-10 18:28:02+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUMobileSoftwareUpdateController: Setting requestedPMV to nil
2025-06-10 18:28:02+02 Frisos-MacBook-Air softwareupdated[8213]: -[SUOSUServiceDaemon _mobileKeyBagStashStateForUser:]: uid: 501, stashState: 2, result: 0
2025-06-10 18:28:03+02 Frisos-MacBook-Air accessoryupdaterd[8493]: SUOSUExternalUpdateProvider: Sent available updates with (

)
2025-06-10 18:28:03+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUServiceClientManager: Chose on-console client: SoftwareUpdateNotificationManager (type = sunm, pid = 8629, uid = 501, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)

2025-06-10 18:28:03+02 Frisos-MacBook-Air softwareupdated[8213]: Set available third party update infos to: (

)
2025-06-10 18:29:03+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUMobileSoftwareUpdateController: Scan finished
2025-06-10 18:29:03+02 Frisos-MacBook-Air softwareupdated[8213]:

majorPrimaryDescriptor: (null)
2025-06-10 18:29:03+02 Frisos-MacBook-Air softwareupdated[8213]:

minorPrimaryDescriptor: (null)
2025-06-10 18:29:03+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUServiceDaemon: Setting availableMobileSoftwareUpdates = (

)
2025-06-10 18:29:03+02 Frisos-MacBook-Air softwareupdated[8213]: SUScan: Scan for client pid 8213 (/System/Library/CoreServices/Software Update.app/Contents/Resources/softwareupdated)
2025-06-10 18:29:03+02 Frisos-MacBook-Air softwareupdated[8213]: Adding client SUUpdateServiceClient pid=8629, uid=501, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2025-06-10 18:29:11+02 Frisos-MacBook-Air softwareupdated[8213]: Got status 200
2025-06-10 18:29:11+02 Frisos-MacBook-Air softwareupdated[8213]: SUScan: Using catalog https://swscan.apple.com/content/catalogs/others/index-15seed-15-14-13-12-10.16-10.15-10.14-10.13-10.12-10.11-10.10-10.9-mountainlion-lion-snowleopard-leopard.merged-1.sucatalog.gz
2025-06-10 18:29:12+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 18:29:12+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 18:29:12+02 Frisos-MacBook-Air softwareupdated[8213]: Failed to get bridge device
2025-06-10 18:29:12+02 Frisos-MacBook-Air softwareupdated[8213]: Failed to get bridge device
2025-06-10 18:29:12+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 18:29:12+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 18:29:12+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 18:29:12+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'system.ioregistry.fromPath('IODeviceTree:/rom\@0').version') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 18:29:12+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 18:29:12+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 18:29:12+02 Frisos-MacBook-Air softwareupdated[8213]: Failed to get bridge device
2025-06-10 18:29:12+02 Frisos-MacBook-Air softwareupdated[8213]: Failed to get bridge device
2025-06-10 18:29:12+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 18:29:12+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 18:29:12+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 18:29:12+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 18:29:12+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 18:29:12+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 18:29:12+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 18:29:12+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 18:29:13+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 18:29:13+02 Frisos-MacBook-Air softwareupdated[8213]: Failed to get bridge device
2025-06-10 18:29:13+02 Frisos-MacBook-Air softwareupdated[8213]: Failed to get bridge device
2025-06-10 18:29:13+02 Frisos-MacBook-Air softwareupdated[8213]: Failed to get bridge device
2025-06-10 18:29:13+02 Frisos-MacBook-Air softwareupdated[8213]: Failed to get bridge device
2025-06-10 18:29:13+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-10 18:29:13+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check

script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/
installation-check%5B1%5D/@script
2025-06-10 18:29:13+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check
script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/
installation-check%5B1%5D/@script
2025-06-10 18:29:13+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check
script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/
installation-check%5B1%5D/@script
2025-06-10 18:29:13+02 Frisos-MacBook-Air softwareupdated[8213]: JS: 15.5
2025-06-10 18:29:13+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check
script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/
installation-check%5B1%5D/@script
2025-06-10 18:29:13+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check
script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/
installation-check%5B1%5D/@script
2025-06-10 18:29:13+02 Frisos-MacBook-Air softwareupdated[8213]: Failed to get bridge device
2025-06-10 18:29:13+02 Frisos-MacBook-Air softwareupdated[8213]: Failed to get bridge device
2025-06-10 18:29:13+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check
script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/
installation-check%5B1%5D/@script
2025-06-10 18:29:13+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check
script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/
installation-check%5B1%5D/@script
2025-06-10 18:29:13+02 Frisos-MacBook-Air softwareupdated[8213]: JS: No bundle at/Applications/SafeView.app
2025-06-10 18:29:13+02 Frisos-MacBook-Air softwareupdated[8213]: Failed to get bridge device
2025-06-10 18:29:13+02 Frisos-MacBook-Air softwareupdated[8213]: Failed to get bridge device
2025-06-10 18:29:13+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check
script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/
installation-check%5B1%5D/@script
2025-06-10 18:29:13+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check
script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/
installation-check%5B1%5D/@script
2025-06-10 18:29:13+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check
script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/
installation-check%5B1%5D/@script
2025-06-10 18:29:14+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check
script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/
installation-check%5B1%5D/@script
2025-06-10 18:29:14+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check
script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/
installation-check%5B1%5D/@script
2025-06-10 18:29:14+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check
script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/
installation-check%5B1%5D/@script
2025-06-10 18:29:14+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check
script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/
installation-check%5B1%5D/@script
2025-06-10 18:29:16+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check
script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/
installation-check%5B1%5D/@script
2025-06-10 18:29:16+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check
script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/
installation-check%5B1%5D/@script
2025-06-10 18:29:16+02 Frisos-MacBook-Air softwareupdated[8213]: Failed to get bridge device
2025-06-10 18:29:16+02 Frisos-MacBook-Air softwareupdated[8213]: Failed to get bridge device
2025-06-10 18:29:16+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check
script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/
installation-check%5B1%5D/@script
2025-06-10 18:29:16+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check
script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/
installation-check%5B1%5D/@script
2025-06-10 18:29:16+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check
script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/
installation-check%5B1%5D/@script
2025-06-10 18:29:16+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check
script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/
installation-check%5B1%5D/@script
2025-06-10 18:29:16+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check
script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/
installation-check%5B1%5D/@script
2025-06-10 18:29:16+02 Frisos-MacBook-Air softwareupdated[8213]: Package Authoring: error running installation-check
script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/
installation-check%5B1%5D/@script
2025-06-10 18:29:17+02 Frisos-MacBook-Air softwareupdated[8213]: SUScan: Elapsed scan time = 13.6
2025-06-10 18:29:17+02 Frisos-MacBook-Air softwareupdated[8213]: Refreshing available updates from scan
2025-06-10 18:29:17+02 Frisos-MacBook-Air softwareupdated[8213]: Scan (f=1, d=0) completed
2025-06-10 18:29:17+02 Frisos-MacBook-Air softwareupdated[8213]: 0 updates found:
2025-06-10 18:39:16+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSULoginCredentialPolicyManager: No update
downloaded and prepared.
2025-06-10 18:39:16+02 Frisos-MacBook-Air loginwindow[388]: +[SUOSULoginCredentialPolicy
currentLoginCredentialPolicy] = 0
2025-06-10 18:39:16+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUPowerEventObserver: System will sleep
2025-06-10 18:55:31+02 Frisos-MacBook-Air softwareupdated[8213]: Removing client SUUpdateServiceClient pid=8212,
uid=0, installAuth=NO rights=(), transactions=0 (/usr/libexec/mobileassetd)
2025-06-10 18:55:31+02 Frisos-MacBook-Air softwareupdated[8213]: Adding client SUUpdateServiceClient pid=8851,
uid=0, installAuth=NO rights=(), transactions=0 (/usr/libexec/mobileassetd)
2025-06-10 18:55:40+02 Frisos-MacBook-Air softwareupdated[8213]: Removing client SUUpdateServiceClient pid=8629,
uid=501, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/
Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2025-06-10 18:55:40+02 Frisos-MacBook-Air softwareupdated[8213]: Removing client SUUpdateServiceClient pid=8629,

uid=501, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/
Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2025-06-10 18:55:40+02 Frisos-MacBook-Air softwareupdated[8213]: Removing client SUUpdateServiceClient pid=8629,
uid=501, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/
Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2025-06-10 19:01:13+02 Frisos-MacBook-Air softwareupdated[8213]: SUOSUPowerEventObserver: System has powered
on
2025-06-10 19:01:21+02 Frisos-MacBook-Air installd[8917]: installd: Starting
2025-06-10 19:01:21+02 Frisos-MacBook-Air installd[8917]: installd: uid=0, euid=0
2025-06-10 19:01:21+02 Frisos-MacBook-Air system_installd[8919]: installd: Starting
2025-06-10 19:01:21+02 Frisos-MacBook-Air system_installd[8919]: installd: uid=0, euid=0
2025-06-10 19:01:29+02 Frisos-MacBook-Air loginwindow[388]: SUOSUUpdateController: Service connection interrupted
w/ scheduler!
2025-06-10 19:01:29+02 Frisos-MacBook-Air mobileassetd[8851]: SUPreferenceManager: Service connection interrupted.
2025-06-10 19:01:29+02 Frisos-MacBook-Air suhelperd[530]: DISPATCH_MACH_NO_SENDERS for client port.
2025-06-10 19:01:29+02 Frisos-MacBook-Air suhelperd[530]: DISPATCH_MACH_DISCONNECTED for client port.
2025-06-10 19:01:29+02 Frisos-MacBook-Air suhelperd[530]: Client(pid:8213) has disconnected.
2025-06-10 19:17:49+02 Frisos-MacBook-Air softwareupdated[9312]: softwareupdated: Starting with build 15.5 (24F74)
2025-06-10 19:17:49+02 Frisos-MacBook-Air softwareupdated[9312]: Initializing SoftwareUpdateMacController
(SUMacControllerServer)
2025-06-10 19:17:49+02 Frisos-MacBook-Air softwareupdated[9312]: Initialized SoftwareUpdateMacController
(SUMacControllerServer)
2025-06-10 19:17:49+02 Frisos-MacBook-Air softwareupdated[9312]: -[SUOSUManagedServiceDaemon
migrationOldDeclarationsToPersistencePath]_block_invoke: No old declarations to migrate
2025-06-10 19:17:49+02 Frisos-MacBook-Air softwareupdated[9312]: shouldDoPeriodicMDMActions:
maximumManagedDoItLaterDeferralCount: (null), managedDoItLaterDeferralCount: 0
2025-06-10 19:17:49+02 Frisos-MacBook-Air softwareupdated[9312]: Not authorized to clear preference
SplatProductVersion
2025-06-10 19:17:49+02 Frisos-MacBook-Air softwareupdated[9312]: Not authorized to clear preference
TimeOfSemiSplatCompletion
2025-06-10 19:17:49+02 Frisos-MacBook-Air softwareupdated[9312]: Not authorized to clear preference
DDMPastDuePaddedEnforcementDateKey
2025-06-10 19:17:49+02 Frisos-MacBook-Air softwareupdated[9312]: SUOSUServiceDaemon: Use standard 6 hour auto
update interval
2025-06-10 19:17:49+02 Frisos-MacBook-Air softwareupdated[9312]: authorizeWithEmptyAuthorizationForRights:
Requesting provided rights: 1
2025-06-10 19:17:49+02 Frisos-MacBook-Air softwareupdated[9312]: CacheDeleteSetCacheable: 1
2025-06-10 19:17:49+02 Frisos-MacBook-Air softwareupdated[9312]: /Library/Bundles does not exist - watching for
directory creation
2025-06-10 19:17:49+02 Frisos-MacBook-Air softwareupdated[9312]: Previous System Version : 15.5 (24F74), Current
System Version : 15.5 (24F74)
2025-06-10 19:17:49+02 Frisos-MacBook-Air softwareupdated[9312]: softwareupdated startup time: 0.329690
2025-06-10 19:17:49+02 Frisos-MacBook-Air softwareupdated[9312]: BackgroundActivity: Activity check-in with interval
0 seconds
2025-06-10 19:17:49+02 Frisos-MacBook-Air softwareupdated[9312]: Adding client SUUpdateServiceClient pid=9311,
uid=0, installAuth=NO rights=(), transactions=0 (/usr/libexec/mobileassetd)
2025-06-10 19:17:54+02 Frisos-MacBook-Air softwareupdated[9312]: SUOSULoginCredentialPolicyManager: No update
downloaded and prepared.
2025-06-10 19:22:29+02 Frisos-MacBook-Air system_installd[9432]: installd: Starting
2025-06-10 19:22:29+02 Frisos-MacBook-Air system_installd[9432]: installd: uid=0, euid=0
2025-06-10 19:22:29+02 Frisos-MacBook-Air installd[9431]: installd: Starting
2025-06-10 19:22:29+02 Frisos-MacBook-Air installd[9431]: installd: uid=0, euid=0
2025-06-10 19:22:48+02 Frisos-MacBook-Air suhelperd[530]: DISPATCH_MACH_NO_SENDERS for client port.
2025-06-10 19:22:48+02 Frisos-MacBook-Air suhelperd[530]: DISPATCH_MACH_DISCONNECTED for client port.
2025-06-10 19:22:48+02 Frisos-MacBook-Air suhelperd[530]: Client(pid:9312) has disconnected.
2025-06-10 19:22:48+02 Frisos-MacBook-Air mobileassetd[9311]: SUPreferenceManager: Service connection interrupted.
2025-06-10 19:23:52+02 Frisos-MacBook-Air softwareupdated[9487]: softwareupdated: Starting with build 15.5 (24F74)
2025-06-10 19:23:52+02 Frisos-MacBook-Air softwareupdated[9487]: Initializing SoftwareUpdateMacController
(SUMacControllerServer)
2025-06-10 19:23:52+02 Frisos-MacBook-Air softwareupdated[9487]: Initialized SoftwareUpdateMacController
(SUMacControllerServer)
2025-06-10 19:23:52+02 Frisos-MacBook-Air softwareupdated[9487]: -[SUOSUManagedServiceDaemon
migrationOldDeclarationsToPersistencePath]_block_invoke: No old declarations to migrate
2025-06-10 19:23:52+02 Frisos-MacBook-Air softwareupdated[9487]: shouldDoPeriodicMDMActions:
maximumManagedDoItLaterDeferralCount: (null), managedDoItLaterDeferralCount: 0
2025-06-10 19:23:52+02 Frisos-MacBook-Air softwareupdated[9487]: Not authorized to clear preference
SplatProductVersion
2025-06-10 19:23:52+02 Frisos-MacBook-Air softwareupdated[9487]: Not authorized to clear preference
TimeOfSemiSplatCompletion
2025-06-10 19:23:52+02 Frisos-MacBook-Air softwareupdated[9487]: Not authorized to clear preference
DDMPastDuePaddedEnforcementDateKey
2025-06-10 19:23:52+02 Frisos-MacBook-Air softwareupdated[9487]: SUOSUServiceDaemon: Use standard 6 hour auto
update interval
2025-06-10 19:23:52+02 Frisos-MacBook-Air softwareupdated[9487]: authorizeWithEmptyAuthorizationForRights:
Requesting provided rights: 1
2025-06-10 19:23:52+02 Frisos-MacBook-Air softwareupdated[9487]: CacheDeleteSetCacheable: 1
2025-06-10 19:23:52+02 Frisos-MacBook-Air softwareupdated[9487]: /Library/Bundles does not exist - watching for
directory creation
2025-06-10 19:23:52+02 Frisos-MacBook-Air softwareupdated[9487]: Previous System Version : 15.5 (24F74), Current
System Version : 15.5 (24F74)
2025-06-10 19:23:52+02 Frisos-MacBook-Air softwareupdated[9487]: softwareupdated startup time: 0.356152
2025-06-10 19:23:52+02 Frisos-MacBook-Air softwareupdated[9487]: BackgroundActivity: Activity check-in with interval
0 seconds
2025-06-10 19:23:52+02 Frisos-MacBook-Air softwareupdated[9487]: Adding client SUUpdateServiceClient pid=9486,
uid=0, installAuth=NO rights=(), transactions=0 (/usr/libexec/mobileassetd)
2025-06-10 19:23:57+02 Frisos-MacBook-Air softwareupdated[9487]: SUOSULoginCredentialPolicyManager: No update
downloaded and prepared.
2025-06-10 19:26:24+02 Frisos-MacBook-Air softwareupdated[9487]: SUOSUServiceDaemon: Untracked client
connected: loginwindow (type = untracked, pid = 388, uid = 501, path = /System/Library/CoreServices/loginwindow.app/
Contents/MacOS/loginwindow)

2025-06-10 19:26:24+02 Frisos-MacBook-Air softwareupdated[9487]: SUOSULoginCredentialPolicyManager: No update downloaded and prepared.
2025-06-10 19:26:24+02 Frisos-MacBook-Air loginwindow[388]: +[SUOSULoginCredentialPolicy currentLoginCredentialPolicy] = 0
2025-06-10 19:26:25+02 Frisos-MacBook-Air softwareupdated[9487]: SUOSUPowerEventObserver: System will sleep
2025-06-10 19:35:48+02 Frisos-MacBook-Air softwareupdated[9487]: SUOSUPowerEventObserver: System has powered on
2025-06-10 19:58:02+02 Frisos-MacBook-Air loginwindow[388]: SUOSUUpdateController: Service connection interrupted w/ scheduler!
2025-06-10 19:58:02+02 Frisos-MacBook-Air suhelperd[530]: DISPATCH_MACH_NO_SENDERS for client port.
2025-06-10 19:58:02+02 Frisos-MacBook-Air suhelperd[530]: DISPATCH_MACH_DISCONNECTED for client port.
2025-06-10 19:58:02+02 Frisos-MacBook-Air suhelperd[530]: Client(pid:9487) has disconnected.
2025-06-10 19:58:02+02 Frisos-MacBook-Air mobileassetd[9486]: SUPreferenceManager: Service connection interrupted.
2025-06-10 19:58:42+02 Frisos-MacBook-Air softwareupdated[10221]: softwareupdated: Starting with build 15.5 (24F74)
2025-06-10 19:58:42+02 Frisos-MacBook-Air softwareupdated[10221]: Initializing SoftwareUpdateMacController (SUMacControllerServer)
2025-06-10 19:58:42+02 Frisos-MacBook-Air softwareupdated[10221]: Initialized SoftwareUpdateMacController (SUMacControllerServer)
2025-06-10 19:58:42+02 Frisos-MacBook-Air softwareupdated[10221]: shouldDoPeriodicMDMActions: maximumManagedDoItLaterDeferralCount: (null), managedDoItLaterDeferralCount: 0
2025-06-10 19:58:42+02 Frisos-MacBook-Air softwareupdated[10221]: -[SUOSUManagedServiceDaemon migrationOldDeclarationsToPersistencePath]_block_invoke: No old declarations to migrate
2025-06-10 19:58:42+02 Frisos-MacBook-Air softwareupdated[10221]: Not authorized to clear preference SplatProductVersion
2025-06-10 19:58:42+02 Frisos-MacBook-Air softwareupdated[10221]: Not authorized to clear preference TimeOfSemiSplatCompletion
2025-06-10 19:58:42+02 Frisos-MacBook-Air softwareupdated[10221]: Not authorized to clear preference DDMPastDuePaddedEnforcementDateKey
2025-06-10 19:58:42+02 Frisos-MacBook-Air softwareupdated[10221]: SUOSUServiceDaemon: Use standard 6 hour auto update interval
2025-06-10 19:58:42+02 Frisos-MacBook-Air softwareupdated[10221]: authorizeWithEmptyAuthorizationForRights: Requesting provided rights: 1
2025-06-10 19:58:42+02 Frisos-MacBook-Air softwareupdated[10221]: CacheDeleteSetCacheable: 1
2025-06-10 19:58:42+02 Frisos-MacBook-Air softwareupdated[10221]: /Library/Bundles does not exist - watching for directory creation
2025-06-10 19:58:42+02 Frisos-MacBook-Air softwareupdated[10221]: Previous System Version : 15.5 (24F74), Current System Version : 15.5 (24F74)
2025-06-10 19:58:42+02 Frisos-MacBook-Air softwareupdated[10221]: softwareupdated startup time: 0.276979
2025-06-10 19:58:42+02 Frisos-MacBook-Air softwareupdated[10221]: BackgroundActivity: Activity check-in with interval 0 seconds
2025-06-10 19:58:42+02 Frisos-MacBook-Air softwareupdated[10221]: Adding client SUUpdateServiceClient pid=10219, uid=0, installAuth=NO rights=(), transactions=0 (/usr/libexec/mobileassetd)
2025-06-10 19:58:48+02 Frisos-MacBook-Air softwareupdated[10221]: SUOSULoginCredentialPolicyManager: No update downloaded and prepared.
2025-06-10 20:12:22+02 Frisos-MacBook-Air installd[10393]: installd: Starting
2025-06-10 20:12:22+02 Frisos-MacBook-Air installd[10393]: installd: uid=0, euid=0
2025-06-10 20:12:22+02 Frisos-MacBook-Air system_installd[10394]: installd: Starting
2025-06-10 20:12:22+02 Frisos-MacBook-Air system_installd[10394]: installd: uid=0, euid=0
2025-06-10 20:28:15+02 Frisos-MacBook-Air mobileassetd[10219]: SUPreferenceManager: Service connection interrupted.
2025-06-10 20:28:15+02 Frisos-MacBook-Air suhelperd[530]: DISPATCH_MACH_NO_SENDERS for client port.
2025-06-10 20:28:15+02 Frisos-MacBook-Air suhelperd[530]: DISPATCH_MACH_DISCONNECTED for client port.
2025-06-10 20:28:15+02 Frisos-MacBook-Air suhelperd[530]: Client(pid:10221) has disconnected.
2025-06-10 21:05:21+02 Frisos-MacBook-Air softwareupdated[10690]: softwareupdated: Starting with build 15.5 (24F74)
2025-06-10 21:05:22+02 Frisos-MacBook-Air softwareupdated[10690]: Initializing SoftwareUpdateMacController (SUMacControllerServer)
2025-06-10 21:05:22+02 Frisos-MacBook-Air softwareupdated[10690]: Initialized SoftwareUpdateMacController (SUMacControllerServer)
2025-06-10 21:05:22+02 Frisos-MacBook-Air softwareupdated[10690]: -[SUOSUManagedServiceDaemon migrationOldDeclarationsToPersistencePath]_block_invoke: No old declarations to migrate
2025-06-10 21:05:22+02 Frisos-MacBook-Air softwareupdated[10690]: shouldDoPeriodicMDMActions: maximumManagedDoItLaterDeferralCount: (null), managedDoItLaterDeferralCount: 0
2025-06-10 21:05:22+02 Frisos-MacBook-Air softwareupdated[10690]: Not authorized to clear preference SplatProductVersion
2025-06-10 21:05:22+02 Frisos-MacBook-Air softwareupdated[10690]: Not authorized to clear preference TimeOfSemiSplatCompletion
2025-06-10 21:05:22+02 Frisos-MacBook-Air softwareupdated[10690]: Not authorized to clear preference DDMPastDuePaddedEnforcementDateKey
2025-06-10 21:05:22+02 Frisos-MacBook-Air softwareupdated[10690]: SUOSUServiceDaemon: Use standard 6 hour auto update interval
2025-06-10 21:05:22+02 Frisos-MacBook-Air softwareupdated[10690]: authorizeWithEmptyAuthorizationForRights: Requesting provided rights: 1
2025-06-10 21:05:22+02 Frisos-MacBook-Air softwareupdated[10690]: SUOSUServiceDaemon: Untracked client connected: loginwindow (type = untracked, pid = 388, uid = 501, path = /System/Library/CoreServices/loginwindow.app/Contents/MacOS/loginwindow)
2025-06-10 21:05:22+02 Frisos-MacBook-Air softwareupdated[10690]: SUOSULoginCredentialPolicyManager: No update downloaded and prepared.
2025-06-10 21:05:22+02 Frisos-MacBook-Air loginwindow[388]: +[SUOSULoginCredentialPolicy currentLoginCredentialPolicy] = 0
2025-06-10 21:05:22+02 Frisos-MacBook-Air softwareupdated[10690]: CacheDeleteSetCacheable: 1
2025-06-10 21:05:22+02 Frisos-MacBook-Air softwareupdated[10690]: /Library/Bundles does not exist - watching for directory creation
2025-06-10 21:05:22+02 Frisos-MacBook-Air softwareupdated[10690]: Previous System Version : 15.5 (24F74), Current System Version : 15.5 (24F74)
2025-06-10 21:05:22+02 Frisos-MacBook-Air softwareupdated[10690]: softwareupdated startup time: 0.251101
2025-06-10 21:05:22+02 Frisos-MacBook-Air softwareupdated[10690]: BackgroundActivity: Activity check-in with interval 0 seconds
2025-06-10 21:05:27+02 Frisos-MacBook-Air softwareupdated[10690]: SUOSULoginCredentialPolicyManager: No update downloaded and prepared.

2025-06-10 21:22:38+02 Frisos-MacBook-Air loginwindow[388]: SUOSUUpdateController: Service connection interrupted w/ scheduler!
2025-06-10 21:22:38+02 Frisos-MacBook-Air suhelperd[530]: DISPATCH_MACH_NO_SENDERS for client port.
2025-06-10 21:22:38+02 Frisos-MacBook-Air suhelperd[530]: DISPATCH_MACH_DISCONNECTED for client port.
2025-06-10 21:22:38+02 Frisos-MacBook-Air suhelperd[530]: Client(pid:10690) has disconnected.
2025-06-10 21:50:06+02 Frisos-MacBook-Air installd[10931]: installd: Starting
2025-06-10 21:50:06+02 Frisos-MacBook-Air installd[10931]: installd: uid=0, euid=0
2025-06-10 21:50:06+02 Frisos-MacBook-Air system_installd[10932]: installd: Starting
2025-06-10 21:50:06+02 Frisos-MacBook-Air system_installd[10932]: installd: uid=0, euid=0
2025-06-11 00:24:46+02 Frisos-MacBook-Air softwareupdated[11147]: softwareupdated: Starting with build 15.5 (24F74)
2025-06-11 00:24:46+02 Frisos-MacBook-Air softwareupdated[11147]: Initializing SoftwareUpdateMacController (SUMacControllerServer)
2025-06-11 00:24:46+02 Frisos-MacBook-Air softwareupdated[11147]: Initialized SoftwareUpdateMacController (SUMacControllerServer)
2025-06-11 00:24:46+02 Frisos-MacBook-Air softwareupdated[11147]: shouldDoPeriodicMDMActions: maximumManagedDoItLaterDeferralCount: (null), managedDoItLaterDeferralCount: 0
2025-06-11 00:24:46+02 Frisos-MacBook-Air softwareupdated[11147]: -[SUOSUManagedServiceDaemon migrationOldDeclarationsToPersistencePath]_block_invoke: No old declarations to migrate
2025-06-11 00:24:46+02 Frisos-MacBook-Air softwareupdated[11147]: Not authorized to clear preference SplatProductVersion
2025-06-11 00:24:46+02 Frisos-MacBook-Air softwareupdated[11147]: Not authorized to clear preference TimeOfSemiSplatCompletion
2025-06-11 00:24:46+02 Frisos-MacBook-Air softwareupdated[11147]: Not authorized to clear preference DDMPastDuePaddedEnforcementDateKey
2025-06-11 00:24:46+02 Frisos-MacBook-Air softwareupdated[11147]: SUOSUServiceDaemon: Use standard 6 hour auto update interval
2025-06-11 00:24:46+02 Frisos-MacBook-Air softwareupdated[11147]: authorizeWithEmptyAuthorizationForRights: Requesting provided rights: 1
2025-06-11 00:24:46+02 Frisos-MacBook-Air softwareupdated[11147]: CacheDeleteSetCacheable: 1
2025-06-11 00:24:46+02 Frisos-MacBook-Air softwareupdated[11147]: /Library/Bundles does not exist - watching for directory creation
2025-06-11 00:24:46+02 Frisos-MacBook-Air softwareupdated[11147]: Previous System Version : 15.5 (24F74), Current System Version : 15.5 (24F74)
2025-06-11 00:24:46+02 Frisos-MacBook-Air softwareupdated[11147]: softwareupdated startup time: 0.557959
2025-06-11 00:24:46+02 Frisos-MacBook-Air softwareupdated[11147]: BackgroundActivity: Activity check-in with interval 0 seconds
2025-06-11 00:40:13+02 Frisos-MacBook-Air softwareupdated[11147]: SUOSULoginCredentialPolicyManager: No update downloaded and prepared.
2025-06-11 02:34:05+02 Frisos-MacBook-Air softwareupdated[11147]: SUOSUPowerEventObserver: System has powered on
2025-06-11 02:34:06+02 Frisos-MacBook-Air softwareupdated[11147]: SUOSUPowerEventObserver: System will sleep
2025-06-11 02:35:14+02 Frisos-MacBook-Air softwareupdated[11147]: SUOSUPowerEventObserver: System has powered on
2025-06-11 02:35:18+02 Frisos-MacBook-Air softwareupdated[11147]: SUOSUPowerEventObserver: System will sleep
2025-06-11 02:38:39+02 Frisos-MacBook-Air softwareupdated[11147]: SUOSUPowerEventObserver: System has powered on
2025-06-11 02:38:44+02 Frisos-MacBook-Air softwareupdated[11147]: SUOSUPowerEventObserver: System will sleep
2025-06-11 03:31:27+02 Frisos-MacBook-Air suhelperd[530]: DISPATCH_MACH_NO_SENDERS for client port.
2025-06-11 03:31:27+02 Frisos-MacBook-Air suhelperd[530]: DISPATCH_MACH_DISCONNECTED for client port.
2025-06-11 03:31:27+02 Frisos-MacBook-Air suhelperd[530]: Client(pid:11147) has disconnected.
2025-06-11 03:54:50+02 Frisos-MacBook-Air installd[11663]: installd: Starting
2025-06-11 03:54:50+02 Frisos-MacBook-Air installd[11663]: installd: uid=0, euid=0
2025-06-11 03:54:50+02 Frisos-MacBook-Air system_installd[11665]: installd: Starting
2025-06-11 03:54:50+02 Frisos-MacBook-Air system_installd[11665]: installd: uid=0, euid=0
2025-06-11 07:40:15+02 Frisos-MacBook-Air softwareupdated[12148]: softwareupdated: Starting with build 15.5 (24F74)
2025-06-11 07:40:15+02 Frisos-MacBook-Air softwareupdated[12148]: Initializing SoftwareUpdateMacController (SUMacControllerServer)
2025-06-11 07:40:15+02 Frisos-MacBook-Air softwareupdated[12148]: Initialized SoftwareUpdateMacController (SUMacControllerServer)
2025-06-11 07:40:15+02 Frisos-MacBook-Air softwareupdated[12148]: shouldDoPeriodicMDMActions: maximumManagedDoItLaterDeferralCount: (null), managedDoItLaterDeferralCount: 0
2025-06-11 07:40:15+02 Frisos-MacBook-Air softwareupdated[12148]: -[SUOSUManagedServiceDaemon migrationOldDeclarationsToPersistencePath]_block_invoke: No old declarations to migrate
2025-06-11 07:40:15+02 Frisos-MacBook-Air softwareupdated[12148]: Not authorized to clear preference SplatProductVersion
2025-06-11 07:40:15+02 Frisos-MacBook-Air softwareupdated[12148]: Not authorized to clear preference TimeOfSemiSplatCompletion
2025-06-11 07:40:15+02 Frisos-MacBook-Air softwareupdated[12148]: Not authorized to clear preference DDMPastDuePaddedEnforcementDateKey
2025-06-11 07:40:15+02 Frisos-MacBook-Air softwareupdated[12148]: SUOSUServiceDaemon: Use standard 6 hour auto update interval
2025-06-11 07:40:15+02 Frisos-MacBook-Air softwareupdated[12148]: authorizeWithEmptyAuthorizationForRights: Requesting provided rights: 1
2025-06-11 07:40:16+02 Frisos-MacBook-Air softwareupdated[12148]: CacheDeleteSetCacheable: 1
2025-06-11 07:40:16+02 Frisos-MacBook-Air softwareupdated[12148]: /Library/Bundles does not exist - watching for directory creation
2025-06-11 07:40:16+02 Frisos-MacBook-Air softwareupdated[12148]: Previous System Version : 15.5 (24F74), Current System Version : 15.5 (24F74)
2025-06-11 07:40:16+02 Frisos-MacBook-Air softwareupdated[12148]: BackgroundActivity: Activity check-in with interval 0 seconds
2025-06-11 07:40:16+02 Frisos-MacBook-Air softwareupdated[12148]: softwareupdated startup time: 0.508110
2025-06-11 07:40:16+02 Frisos-MacBook-Air softwareupdated[12148]: Adding client SUUpdateServiceClient pid=12147, uid=0, installAuth=NO rights=(), transactions=0 (/usr/libexec/mobileassetd)
2025-06-11 07:40:21+02 Frisos-MacBook-Air softwareupdated[12148]: SUOSULoginCredentialPolicyManager: No update downloaded and prepared.
2025-06-11 07:57:45+02 Frisos-MacBook-Air softwareupdated[12148]: SUOSUServiceDaemon: Untracked client connected: loginwindow (type = untracked, pid = 388, uid = 501, path = /System/Library/CoreServices/loginwindow.app/Contents/MacOS/loginwindow)
2025-06-11 07:57:45+02 Frisos-MacBook-Air softwareupdated[12148]: SUOSULoginCredentialPolicyManager: No update downloaded and prepared.

2025-06-11 07:57:45+02 Frisos-MacBook-Air loginwindow[388]: +[SUOSULoginCredentialPolicy currentLoginCredentialPolicy] = 0
2025-06-11 07:57:45+02 Frisos-MacBook-Air softwareupdated[12148]: SUOSULoginCredentialPolicyManager: No update downloaded and prepared.
2025-06-11 07:57:45+02 Frisos-MacBook-Air loginwindow[388]: +[SUOSULoginCredentialPolicy currentLoginCredentialPolicy] = 0
2025-06-11 07:57:45+02 Frisos-MacBook-Air softwareupdated[12148]: SUOSULoginCredentialPolicyManager: No update downloaded and prepared.
2025-06-11 07:57:45+02 Frisos-MacBook-Air loginwindow[388]: +[SUOSULoginCredentialPolicy currentLoginCredentialPolicy] = 0
2025-06-11 07:57:45+02 Frisos-MacBook-Air softwareupdated[12148]: SUOSUPowerEventObserver: System has powered on
2025-06-11 07:59:54+02 Frisos-MacBook-Air installd[12295]: installd: Starting
2025-06-11 07:59:54+02 Frisos-MacBook-Air installd[12295]: installd: uid=0, euid=0
2025-06-11 07:59:54+02 Frisos-MacBook-Air system_installd[12299]: installd: Starting
2025-06-11 07:59:54+02 Frisos-MacBook-Air system_installd[12299]: installd: uid=0, euid=0
2025-06-11 08:17:04+02 Frisos-MacBook-Air loginwindow[388]: SUOSUUpdateController: Service connection interrupted w/ scheduler!
2025-06-11 08:17:04+02 Frisos-MacBook-Air suhelperd[530]: DISPATCH_MACH_NO_SENDERS for client port.
2025-06-11 08:17:04+02 Frisos-MacBook-Air suhelperd[530]: DISPATCH_MACH_DISCONNECTED for client port.
2025-06-11 08:17:04+02 Frisos-MacBook-Air suhelperd[530]: Client(pid:12148) has disconnected.
2025-06-11 08:17:04+02 Frisos-MacBook-Air mobileassetd[12147]: SUPreferenceManager: Service connection interrupted.
2025-06-11 08:18:36+02 Frisos-MacBook-Air installd[12480]: installd: Starting
2025-06-11 08:18:36+02 Frisos-MacBook-Air installd[12480]: installd: uid=0, euid=0
2025-06-11 08:18:36+02 Frisos-MacBook-Air system_installd[12481]: installd: Starting
2025-06-11 08:18:36+02 Frisos-MacBook-Air system_installd[12481]: installd: uid=0, euid=0
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: softwareupdated: Starting with build 15.5 (24F74)
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: Initializing SoftwareUpdateMacController (SUMacControllerServer)
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: Initialized SoftwareUpdateMacController (SUMacControllerServer)
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: shouldDoPeriodicMDMActions: maximumManagedDoItLaterDeferralCount: (null), managedDoItLaterDeferralCount: 0
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: -[SUOSUManagedServiceDaemon migrationOldDeclarationsToPersistencePath]_block_invoke: No old declarations to migrate
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: Not authorized to clear preference SplatProductVersion
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: Not authorized to clear preference TimeOfSemiSplatCompletion
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: Not authorized to clear preference DDMPastDuePaddedEnforcementDateKey
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: SUOSUServiceDaemon: Use standard 6 hour auto update interval
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: authorizeWithEmptyAuthorizationForRights: Requesting provided rights: 1
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: CacheDeleteSetCacheable: 1
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: /Library/Bundles does not exist - watching for directory creation
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: Previous System Version : 15.5 (24F74), Current System Version : 15.5 (24F74)
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: softwareupdated startup time: 0.556872
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: BackgroundActivity: Activity check-in with interval 0 seconds
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: BackgroundActivity: Starting Background Check Activity
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: BackgroundActivity: Starting background actions now.
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: BackgroundActions: Automatic check parameters: autoDownload=YES, autoConfigData=YES, autoCriticalInstall=YES
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: SoftwareUpdate: Fired early. Next check=11/06/2025, 14:40 (interval=86280.000000, A/C=YES)
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: BackgroundActivity: Starting background download now.
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: SUOSUServiceDaemon: DO MSU BACKGROUND ACTIONS!
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: BackgroundActivity: Finished Background Check Activity
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: SUOSULoginCredentialPolicyManager: No update downloaded and prepared.
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: SUOSUServiceDaemon: BackgroundActivity: Perform background scan
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: SUOSUMobileSoftwareUpdateController: Starting scan with options: Background=1, MDMInitiated=0, BuddyInitiated=0, requestedPMV=(null))
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: SUOSUMobileSoftwareUpdateController: Set bridgeOS catalog override to catalogURL default
2025-06-11 08:20:17+02 Frisos-MacBook-Air softwareupdated[12536]: SUOSUMobileSoftwareUpdateController: Setting requestedPMV to nil
2025-06-11 08:20:22+02 Frisos-MacBook-Air softwareupdated[12536]: SUOSULoginCredentialPolicyManager: No update downloaded and prepared.
2025-06-11 08:21:18+02 Frisos-MacBook-Air softwareupdated[12536]: SUOSUMobileSoftwareUpdateController: Scan finished
2025-06-11 08:21:18+02 Frisos-MacBook-Air softwareupdated[12536]:

majorPrimaryDescriptor: (null)
2025-06-11 08:21:18+02 Frisos-MacBook-Air softwareupdated[12536]:

minorPrimaryDescriptor: (null)
2025-06-11 08:21:18+02 Frisos-MacBook-Air softwareupdated[12536]: SUOSUServiceDaemon: Setting availableMobileSoftwareUpdates = (

)
2025-06-11 08:21:18+02 Frisos-MacBook-Air softwareupdated[12536]: SUOSUServiceClientManager: Chose on-console client: SoftwareUpdateNotificationManager (type = sunm, pid = 12588, uid = 501, path = /System/Library/ PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/ MacOS/SoftwareUpdateNotificationManager)
2025-06-11 08:21:18+02 Frisos-MacBook-Air softwareupdated[12536]: SUOSUServiceDaemon: BackgroundActivity: No products.
2025-06-11 08:21:18+02 Frisos-MacBook-Air softwareupdated[12536]: softwareupdated: Posting com.apple.softwareupdate.AutoBackgroundScanFinished notification
2025-06-11 08:21:18+02 Frisos-MacBook-Air softwareupdated[12536]: int main(int, const char **)_block_invoke: Removed old declarations upon successful update
2025-06-11 08:21:18+02 Frisos-MacBook-Air softwareupdated[12536]: SUOSUInactivityPredictor: Predicting an inactivity between Wed Jun 11 08:21:18 2025 and Thu Jun 12 08:21:18 2025
2025-06-11 08:21:18+02 Frisos-MacBook-Air softwareupdated[12536]: Adding client SUUpdateServiceClient pid=12588, uid=501, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/ Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2025-06-11 08:21:18+02 Frisos-MacBook-Air softwareupdated[12536]: Adding client SUUpdateServiceClient pid=12588, uid=501, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/ Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2025-06-11 08:21:27+02 Frisos-MacBook-Air softwareupdated[12536]: -[SUOSUServiceDaemon scheduleUpdatesAvailableBSDNotification]_block_invoke: No predicted inactivity date
2025-06-11 08:21:27+02 Frisos-MacBook-Air softwareupdated[12536]: -[SUOSUServiceDaemon scheduleUpdatesAvailableBSDNotification]_block_invoke: Posting com.apple.SoftwareUpdate.updatesAvailable notification
2025-06-11 08:21:27+02 Frisos-MacBook-Air softwareupdated[12536]: -[SUOSUManagedServiceDaemon invalidAndRemoveOldDeclarations]_block_invoke: Removed 0 invalid declarations
2025-06-11 08:21:27+02 Frisos-MacBook-Air softwareupdated[12536]: Adding client SUUpdateServiceClient pid=12588, uid=501, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/ Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2025-06-11 08:21:27+02 Frisos-MacBook-Air softwareupdated[12536]: SUOSUMobileSoftwareUpdateController: Updating additionalUpdateMetricEventFields: {

autoUpdate = false;

buddy = false;

commandLine = false;

installTonight = false;

mdm = false;

notification = true;

settings = false;

}
2025-06-11 08:21:27+02 Frisos-MacBook-Air softwareupdated[12536]: SUOSUMobileSoftwareUpdateController: Starting scan with options: Background=1, MDMInitiated=0, BuddyInitiated=0, requestedPMV=(null))
2025-06-11 08:21:27+02 Frisos-MacBook-Air softwareupdated[12536]: SUOSUMobileSoftwareUpdateController: Set bridgeOS catalog override to catalogURL default
2025-06-11 08:21:27+02 Frisos-MacBook-Air softwareupdated[12536]: SUOSUMobileSoftwareUpdateController: Setting requestedPMV to nil
2025-06-11 08:21:27+02 Frisos-MacBook-Air accessoryupdaterd[12524]: SUOSUExternalUpdateProvider: Sent available updates with (

)
2025-06-11 08:21:27+02 Frisos-MacBook-Air softwareupdated[12536]: SUOSUServiceClientManager: Chose on-console client: SoftwareUpdateNotificationManager (type = sunm, pid = 12588, uid = 501, path = /System/Library/ PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/ MacOS/SoftwareUpdateNotificationManager)
2025-06-11 08:21:27+02 Frisos-MacBook-Air softwareupdated[12536]: Set available third party update infos to: (

)
2025-06-11 08:21:29+02 Frisos-MacBook-Air softwareupdated[12536]: SUOSUServiceDaemon: Untracked client connected: SoftwareUpdateSubscriber (type = untracked, pid = 12627, uid = 277, path = /System/Library/ PrivateFrameworks/RemoteManagement.framework/XPCServices/SoftwareUpdateSubscriber.xpc/Contents/MacOS/ SoftwareUpdateSubscriber)
2025-06-11 08:21:29+02 Frisos-MacBook-Air softwareupdated[12536]: -[SUOSUManagedServiceDaemon allDeclarationsRemovingInvalidDeclarations:]_block_invoke: Removed 0 invalid declarations
2025-06-11 08:21:44+02 Frisos-MacBook-Air nbagent[12634]: NBUpdateController: Using catalog URL: https:// swscan.apple.com/content/catalogs/others/index-noticeboard-10.10-noticeboard-10.9-noticeboard.merged-1.sucatalog
2025-06-11 08:22:05+02 Frisos-MacBook-Air softwareupdated[12536]: SUOSUServiceClientManager: Chose on-console client: SoftwareUpdateNotificationManager (type = sunm, pid = 12588, uid = 501, path = /System/Library/ PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/ MacOS/SoftwareUpdateNotificationManager)
2025-06-11 08:22:24+02 Frisos-MacBook-Air nbagent[12634]: MiniSoftwareUpdate: using pinning policy for swscan.apple.com: MacSoftwareUpdate (included with OS)
2025-06-11 08:22:24+02 Frisos-MacBook-Air softwareupdated[12536]: SUOSUMobileSoftwareUpdateController: Scan finished
2025-06-11 08:22:24+02 Frisos-MacBook-Air softwareupdated[12536]:

majorPrimaryDescriptor: (null)
2025-06-11 08:22:24+02 Frisos-MacBook-Air softwareupdated[12536]:

minorPrimaryDescriptor: (null)
2025-06-11 08:22:24+02 Frisos-MacBook-Air softwareupdated[12536]: SUOSUServiceDaemon: Setting availableMobileSoftwareUpdates = (

)
2025-06-11 08:22:24+02 Frisos-MacBook-Air softwareupdated[12536]: SUScan: Scan for client pid 12536 (/System/Library/CoreServices/Software Update.app/Contents/Resources/softwareupdated)
2025-06-11 08:22:24+02 Frisos-MacBook-Air nbagent[12634]: MiniSoftwareUpdate: using pinning policy for swdist.apple.com: MacSoftwareUpdate (included with OS)
2025-06-11 08:22:24+02 Frisos-MacBook-Air softwareupdated[12536]: Got status 200
2025-06-11 08:22:25+02 Frisos-MacBook-Air softwareupdated[12536]: SUScan: Using catalog https://swscan.apple.com/content/catalogs/others/index-15seed-15-14-13-12-10.16-10.15-10.14-10.13-10.12-10.11-10.10-10.9-mountainlion-lion-snowleopard-leopard.merged-1.sucatalog.gz
2025-06-11 08:22:25+02 Frisos-MacBook-Air nbagent[12634]: NBUpdateController: Filtered installable products: (

)
2025-06-11 08:22:25+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:25+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:25+02 Frisos-MacBook-Air softwareupdated[12536]: Failed to get bridge device
2025-06-11 08:22:25+02 Frisos-MacBook-Air softwareupdated[12536]: Failed to get bridge device
2025-06-11 08:22:25+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:26+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:26+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:26+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'system.ioregistry.fromPath('IODeviceTree:/rom\@0').version') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:26+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:26+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:26+02 Frisos-MacBook-Air softwareupdated[12536]: Failed to get bridge device
2025-06-11 08:22:26+02 Frisos-MacBook-Air softwareupdated[12536]: Failed to get bridge device
2025-06-11 08:22:26+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:26+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:26+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:26+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:26+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:26+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:26+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:26+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:26+02 Frisos-MacBook-Air softwareupdated[12536]: Failed to get bridge device
2025-06-11 08:22:26+02 Frisos-MacBook-Air softwareupdated[12536]: Failed to get bridge device
2025-06-11 08:22:27+02 Frisos-MacBook-Air softwareupdated[12536]: Failed to get bridge device
2025-06-11 08:22:27+02 Frisos-MacBook-Air softwareupdated[12536]: Failed to get bridge device
2025-06-11 08:22:27+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:27+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:27+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:27+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:27+02 Frisos-MacBook-Air softwareupdated[12536]: JS: 15.5
2025-06-11 08:22:27+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script

2025-06-11 08:22:27+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:27+02 Frisos-MacBook-Air softwareupdated[12536]: Failed to get bridge device
2025-06-11 08:22:27+02 Frisos-MacBook-Air softwareupdated[12536]: Failed to get bridge device
2025-06-11 08:22:27+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:27+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:27+02 Frisos-MacBook-Air softwareupdated[12536]: JS: No bundle at/Applications/SafeView.app
2025-06-11 08:22:27+02 Frisos-MacBook-Air softwareupdated[12536]: Failed to get bridge device
2025-06-11 08:22:27+02 Frisos-MacBook-Air softwareupdated[12536]: Failed to get bridge device
2025-06-11 08:22:27+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:27+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:27+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:28+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:28+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:28+02 Frisos-MacBook-Air softwareupdated[12536]: Adding client SUUpdateServiceClient pid=509, uid=0, installAuth=NO rights=(), transactions=0 (/usr/libexec/syspolicyd)
2025-06-11 08:22:28+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:28+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:31+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:31+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:31+02 Frisos-MacBook-Air softwareupdated[12536]: Failed to get bridge device
2025-06-11 08:22:31+02 Frisos-MacBook-Air softwareupdated[12536]: Failed to get bridge device
2025-06-11 08:22:31+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:31+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:31+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:31+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:31+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:31+02 Frisos-MacBook-Air softwareupdated[12536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2025-06-11 08:22:32+02 Frisos-MacBook-Air softwareupdated[12536]: SUScan: Elapsed scan time = 7.2
2025-06-11 08:22:32+02 Frisos-MacBook-Air softwareupdated[12536]: Refreshing available updates from scan
2025-06-11 08:22:32+02 Frisos-MacBook-Air softwareupdated[12536]: Scan (f=1, d=0) completed
2025-06-11 08:22:32+02 Frisos-MacBook-Air softwareupdated[12536]: 1 updates found:

082-56344

| XProtectPlistConfigData 5300
2025-06-11 08:47:57+02 Frisos-MacBook-Air softwareupdated[12536]: SUOSUServiceDaemon: Untracked client disconnected: SoftwareUpdateSubscriber (type = untracked, pid = 12627, uid = 277, path = /System/Library/PrivateFrameworks/RemoteManagement.framework/XPCServices/SoftwareUpdateSubscriber.xpc/Contents/MacOS/SoftwareUpdateSubscriber)
2025-06-11 08:48:22+02 Frisos-MacBook-Air nbagent[12634]: NBStateController: Connection interrupted
2025-06-11 09:16:55+02 Frisos-MacBook-Air syspolicyd[509]: SUPreferenceManager: Service connection interrupted.
2025-06-11 09:16:55+02 Frisos-MacBook-Air suhelperd[530]: DISPATCH_MACH_NO_SENDERS for client port.
2025-06-11 09:16:55+02 Frisos-MacBook-Air suhelperd[530]: DISPATCH_MACH_DISCONNECTED for client port.
2025-06-11 09:16:55+02 Frisos-MacBook-Air suhelperd[530]: Client(pid:12536) has disconnected.
2025-06-11 09:48:49+02 Frisos-MacBook-Air installd[13158]: installd: Starting
2025-06-11 09:48:49+02 Frisos-MacBook-Air installd[13158]: installd: uid=0, euid=0
2025-06-11 09:48:49+02 Frisos-MacBook-Air system_installd[13162]: installd: Starting
2025-06-11 09:48:49+02 Frisos-MacBook-Air system_installd[13162]: installd: uid=0, euid=0
2025-06-11 10:15:41+02 Frisos-MacBook-Air system_installd[13797]: installd: Starting
2025-06-11 10:15:41+02 Frisos-MacBook-Air system_installd[13797]: installd: uid=0, euid=0
2025-06-11 10:15:41+02 Frisos-MacBook-Air installd[13798]: installd: Starting
2025-06-11 10:15:41+02 Frisos-MacBook-Air installd[13798]: installd: uid=0, euid=0
2025-06-11 10:16:36+02 Frisos-MacBook-Air softwareupdated[13856]: softwareupdated: Starting with build 15.5 (24F74)
2025-06-11 10:16:36+02 Frisos-MacBook-Air softwareupdated[13856]: Initializing SoftwareUpdateMacController

(SUMacControllerServer)
2025-06-11 10:16:37+02 Frisos-MacBook-Air softwareupdated[13856]: Initialized SoftwareUpdateMacController
(SUMacControllerServer)
2025-06-11 10:16:37+02 Frisos-MacBook-Air softwareupdated[13856]: shouldDoPeriodicMDMActions:
maximumManagedDoItLaterDeferralCount: (null), managedDoItLaterDeferralCount: 0
2025-06-11 10:16:37+02 Frisos-MacBook-Air softwareupdated[13856]: -[SUOSUManagedServiceDaemon
migrationOldDeclarationsToPersistencePath]_block_invoke: No old declarations to migrate
2025-06-11 10:16:37+02 Frisos-MacBook-Air softwareupdated[13856]: Not authorized to clear preference
SplatProductVersion
2025-06-11 10:16:37+02 Frisos-MacBook-Air softwareupdated[13856]: Not authorized to clear preference
TimeOfSemiSplatCompletion
2025-06-11 10:16:37+02 Frisos-MacBook-Air softwareupdated[13856]: Not authorized to clear preference
DDMPastDuePaddedEnforcementDateKey
2025-06-11 10:16:37+02 Frisos-MacBook-Air softwareupdated[13856]: SUOSUServiceDaemon: Use standard 6 hour auto
update interval
2025-06-11 10:16:37+02 Frisos-MacBook-Air softwareupdated[13856]: authorizeWithEmptyAuthorizationForRights:
Requesting provided rights: 1
2025-06-11 10:16:38+02 Frisos-MacBook-Air softwareupdated[13856]: CacheDeleteSetCacheable: 1
2025-06-11 10:16:38+02 Frisos-MacBook-Air softwareupdated[13856]: /Library/Bundles does not exist - watching for
directory creation
2025-06-11 10:16:38+02 Frisos-MacBook-Air softwareupdated[13856]: Previous System Version : 15.5 (24F74), Current
System Version : 15.5 (24F74)
2025-06-11 10:16:38+02 Frisos-MacBook-Air softwareupdated[13856]: softwareupdated startup time: 1.343212
2025-06-11 10:16:38+02 Frisos-MacBook-Air softwareupdated[13856]: BackgroundActivity: Activity check-in with interval
0 seconds
2025-06-11 10:16:42+02 Frisos-MacBook-Air softwareupdated[13856]: SUOSULoginCredentialPolicyManager: No update
downloaded and prepared.

Disc recording log:

Source: /Users/frisowempe/Library/Logs/DiscRecording.log
Size: 180 bytes
Last Modified: 21/05/2025, 00:16
Recent Contents:

****
Finder: DRDeviceCopyDeviceForBSDName(disk3s3s1) failed

****
Finder: DRDeviceCopyDeviceForBSDName(disk3s3s1) failed

Filesystem repair log:

Source: /var/log/fsck_hfs.log
Size: 8 KB (8.425 bytes)
Last Modified: 06/06/2025, 12:03
Recent Contents:
/dev/rdisk4s2: fsck_hfs started at Sun May 11 21:19:25 2025
/dev/rdisk4s2: Can't open /dev/rdisk4s2: Permission denied
/dev/rdisk4s2: /dev/rdisk4s2: ** /dev/rdisk4s2 (NO WRITE)
/dev/rdisk4s2:   Executing fsck_hfs (version hfs-683.100.9).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk4s2: fsck_hfs completed at Sun May 11 21:19:25 2025

/dev/rdisk5s2: fsck_hfs started at Sun May 11 21:20:17 2025
/dev/rdisk5s2: Can't open /dev/rdisk5s2: Permission denied
/dev/rdisk5s2: /dev/rdisk5s2: ** /dev/rdisk5s2 (NO WRITE)
/dev/rdisk5s2:   Executing fsck_hfs (version hfs-683.100.9).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk5s2: fsck_hfs completed at Sun May 11 21:20:17 2025

/dev/rdisk5s2: fsck_hfs started at Sun May 11 21:20:17 2025
/dev/rdisk5s2: Can't open /dev/rdisk5s2: Permission denied
/dev/rdisk5s2: /dev/rdisk5s2: ** /dev/rdisk5s2 (NO WRITE)
/dev/rdisk5s2:   Executing fsck_hfs (version hfs-683.100.9).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk5s2: fsck_hfs completed at Sun May 11 21:20:17 2025

/dev/rdisk5s1: fsck_hfs started at Sun May 11 22:33:36 2025
/dev/rdisk5s1: Can't open /dev/rdisk5s1: Permission denied
/dev/rdisk5s1: /dev/rdisk5s1: ** /dev/rdisk5s1 (NO WRITE)
/dev/rdisk5s1:   Executing fsck_hfs (version hfs-683.100.9).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk5s1: fsck_hfs completed at Sun May 11 22:33:36 2025

/dev/rdisk5s1: fsck_hfs started at Sun May 11 22:33:36 2025
/dev/rdisk5s1: Can't open /dev/rdisk5s1: Permission denied
/dev/rdisk5s1: /dev/rdisk5s1: ** /dev/rdisk5s1 (NO WRITE)
/dev/rdisk5s1:   Executing fsck_hfs (version hfs-683.100.9).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk5s1: fsck_hfs completed at Sun May 11 22:33:36 2025

```
/dev/rdisk4s2: fsck_hfs started at Wed May 14 21:22:33 2025
/dev/rdisk4s2: Can't open /dev/rdisk4s2: Permission denied
/dev/rdisk4s2: /dev/rdisk4s2: ** /dev/rdisk4s2 (NO WRITE)
/dev/rdisk4s2:    Executing fsck_hfs (version hfs-683.100.9).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk4s2: fsck_hfs completed at Wed May 14 21:22:33 2025


/dev/rdisk4s2: fsck_hfs started at Wed May 14 21:22:33 2025
/dev/rdisk4s2: Can't open /dev/rdisk4s2: Permission denied
/dev/rdisk4s2: /dev/rdisk4s2: ** /dev/rdisk4s2 (NO WRITE)
/dev/rdisk4s2:    Executing fsck_hfs (version hfs-683.100.9).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk4s2: fsck_hfs completed at Wed May 14 21:22:33 2025


/dev/rdisk4s2: fsck_hfs started at Thu May 15 22:13:14 2025
/dev/rdisk4s2: Can't open /dev/rdisk4s2: Permission denied
/dev/rdisk4s2: /dev/rdisk4s2: ** /dev/rdisk4s2 (NO WRITE)
/dev/rdisk4s2:    Executing fsck_hfs (version hfs-683.100.9).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk4s2: fsck_hfs completed at Thu May 15 22:13:14 2025


/dev/rdisk4s2: fsck_hfs started at Thu May 15 22:13:14 2025
/dev/rdisk4s2: Can't open /dev/rdisk4s2: Permission denied
/dev/rdisk4s2: /dev/rdisk4s2: ** /dev/rdisk4s2 (NO WRITE)
/dev/rdisk4s2:    Executing fsck_hfs (version hfs-683.100.9).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk4s2: fsck_hfs completed at Thu May 15 22:13:14 2025


/dev/rdisk4s2: fsck_hfs started at Sat May 24 22:50:55 2025
/dev/rdisk4s2: Can't open /dev/rdisk4s2: Permission denied
/dev/rdisk4s2: /dev/rdisk4s2: ** /dev/rdisk4s2 (NO WRITE)
/dev/rdisk4s2:    Executing fsck_hfs (version hfs-683.120.3).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk4s2: fsck_hfs completed at Sat May 24 22:50:55 2025


/dev/rdisk4s2: fsck_hfs started at Sat May 24 22:50:55 2025
/dev/rdisk4s2: Can't open /dev/rdisk4s2: Permission denied
/dev/rdisk4s2: /dev/rdisk4s2: ** /dev/rdisk4s2 (NO WRITE)
/dev/rdisk4s2:    Executing fsck_hfs (version hfs-683.120.3).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk4s2: fsck_hfs completed at Sat May 24 22:50:55 2025


/dev/rdisk4s1: fsck_hfs started at Sat May 24 23:51:21 2025
/dev/rdisk4s1: Can't open /dev/rdisk4s1: Permission denied
/dev/rdisk4s1: /dev/rdisk4s1: ** /dev/rdisk4s1 (NO WRITE)
/dev/rdisk4s1:    Executing fsck_hfs (version hfs-683.120.3).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk4s1: fsck_hfs completed at Sat May 24 23:51:21 2025


/dev/rdisk4s1: fsck_hfs started at Sat May 24 23:51:21 2025
/dev/rdisk4s1: Can't open /dev/rdisk4s1: Permission denied
/dev/rdisk4s1: /dev/rdisk4s1: ** /dev/rdisk4s1 (NO WRITE)
/dev/rdisk4s1:    Executing fsck_hfs (version hfs-683.120.3).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk4s1: fsck_hfs completed at Sat May 24 23:51:21 2025


/dev/rdisk4s2: fsck_hfs started at Mon May 26 21:52:27 2025
/dev/rdisk4s2: Can't open /dev/rdisk4s2: Permission denied
/dev/rdisk4s2: /dev/rdisk4s2: ** /dev/rdisk4s2 (NO WRITE)
/dev/rdisk4s2:    Executing fsck_hfs (version hfs-683.120.3).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk4s2: fsck_hfs completed at Mon May 26 21:52:27 2025


/dev/rdisk5s2: fsck_hfs started at Mon May 26 22:52:51 2025
/dev/rdisk5s2: Can't open /dev/rdisk5s2: Permission denied
/dev/rdisk5s2: /dev/rdisk5s2: ** /dev/rdisk5s2 (NO WRITE)
/dev/rdisk5s2:    Executing fsck_hfs (version hfs-683.120.3).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk5s2: fsck_hfs completed at Mon May 26 22:52:51 2025


/dev/rdisk5s2: fsck_hfs started at Mon May 26 22:52:51 2025
/dev/rdisk5s2: Can't open /dev/rdisk5s2: Permission denied
/dev/rdisk5s2: /dev/rdisk5s2: ** /dev/rdisk5s2 (NO WRITE)
/dev/rdisk5s2:    Executing fsck_hfs (version hfs-683.120.3).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk5s2: fsck_hfs completed at Mon May 26 22:52:51 2025


/dev/rdisk5s1: fsck_hfs started at Mon May 26 23:53:07 2025
/dev/rdisk5s1: Can't open /dev/rdisk5s1: Permission denied
```

```
/dev/rdisk5s1: /dev/rdisk5s1: ** /dev/rdisk5s1 (NO WRITE)
/dev/rdisk5s1:    Executing fsck_hfs (version hfs-683.120.3).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk5s1: fsck_hfs completed at Mon May 26 23:53:07 2025


/dev/rdisk5s1: fsck_hfs started at Mon May 26 23:53:07 2025
/dev/rdisk5s1: Can't open /dev/rdisk5s1: Permission denied
/dev/rdisk5s1: /dev/rdisk5s1: ** /dev/rdisk5s1 (NO WRITE)
/dev/rdisk5s1:    Executing fsck_hfs (version hfs-683.120.3).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk5s1: fsck_hfs completed at Mon May 26 23:53:07 2025


/dev/rdisk4s2: fsck_hfs started at Mon Jun  2 14:31:04 2025
/dev/rdisk4s2: Can't open /dev/rdisk4s2: Permission denied
/dev/rdisk4s2: /dev/rdisk4s2: ** /dev/rdisk4s2 (NO WRITE)
/dev/rdisk4s2:    Executing fsck_hfs (version hfs-683.120.3).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk4s2: fsck_hfs completed at Mon Jun  2 14:31:04 2025


/dev/rdisk4s2: fsck_hfs started at Mon Jun  2 14:31:04 2025
/dev/rdisk4s2: Can't open /dev/rdisk4s2: Permission denied
/dev/rdisk4s2: /dev/rdisk4s2: ** /dev/rdisk4s2 (NO WRITE)
/dev/rdisk4s2:    Executing fsck_hfs (version hfs-683.120.3).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk4s2: fsck_hfs completed at Mon Jun  2 14:31:04 2025


/dev/rdisk4s2: fsck_hfs started at Tue Jun  3 09:01:59 2025
/dev/rdisk4s2: Can't open /dev/rdisk4s2: Permission denied
/dev/rdisk4s2: /dev/rdisk4s2: ** /dev/rdisk4s2 (NO WRITE)
/dev/rdisk4s2:    Executing fsck_hfs (version hfs-683.120.3).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk4s2: fsck_hfs completed at Tue Jun  3 09:01:59 2025


/dev/rdisk4s2: fsck_hfs started at Tue Jun  3 09:01:59 2025
/dev/rdisk4s2: Can't open /dev/rdisk4s2: Permission denied
/dev/rdisk4s2: /dev/rdisk4s2: ** /dev/rdisk4s2 (NO WRITE)
/dev/rdisk4s2:    Executing fsck_hfs (version hfs-683.120.3).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk4s2: fsck_hfs completed at Tue Jun  3 09:01:59 2025


/dev/rdisk4s2: fsck_hfs started at Fri Jun  6 03:08:04 2025
/dev/rdisk4s2: Can't open /dev/rdisk4s2: Permission denied
/dev/rdisk4s2: /dev/rdisk4s2: ** /dev/rdisk4s2 (NO WRITE)
/dev/rdisk4s2:    Executing fsck_hfs (version hfs-683.120.3).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk4s2: fsck_hfs completed at Fri Jun  6 03:08:04 2025


/dev/rdisk4s2: fsck_hfs started at Fri Jun  6 03:08:04 2025
/dev/rdisk4s2: Can't open /dev/rdisk4s2: Permission denied
/dev/rdisk4s2: /dev/rdisk4s2: ** /dev/rdisk4s2 (NO WRITE)
/dev/rdisk4s2:    Executing fsck_hfs (version hfs-683.120.3).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk4s2: fsck_hfs completed at Fri Jun  6 03:08:04 2025


/dev/rdisk4s1: fsck_hfs started at Fri Jun  6 12:03:22 2025
/dev/rdisk4s1: Can't open /dev/rdisk4s1: Permission denied
/dev/rdisk4s1: /dev/rdisk4s1: ** /dev/rdisk4s1 (NO WRITE)
/dev/rdisk4s1:    Executing fsck_hfs (version hfs-683.120.3).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk4s1: fsck_hfs completed at Fri Jun  6 12:03:22 2025
```

Kernel log:

Source: /var/log/asl
Size: Zero KB
Recent Contents:

Wi-Fi log:

Source: /var/log/wifi.log
Size: 2 MB (2.014.789 bytes)
Last Modified: 11/06/2025, 10:18
Recent Contents: ...
Wed Jun 11 09:58:32.308 [airport]/396 @[173823.497527] (airportProcessCommand.m:1715) Processed events,
count[1], @[173823.497494], took 0.000025
Wed Jun 11 09:58:32.308 [airport]/396 @[173823.497747] (airportProcessCommand.m:1715) Processed events,
count[1], @[173823.497715], took 0.000025
Wed Jun 11 09:58:32.309 [airport]/396 @[173823.497984] (airportProcessCommand.m:1715) Processed events,
count[1], @[173823.497944], took 0.000024
Wed Jun 11 09:58:32.309 [airport]/396 @[173823.498196] (airportProcessCommand.m:1715) Processed events,

count[1], @[173823.498164], took 0.000024
Wed Jun 11 09:58:32.309 [airport]/396 @[173823.498427] (airportProcessCommand.m:1715) Processed events,
count[1], @[173823.498395], took 0.000024
Wed Jun 11 09:58:32.309 [airport]/396 @[173823.498652] (airportProcessCommand.m:1715) Processed events,
count[1], @[173823.498620], took 0.000024
Wed Jun 11 09:58:32.311 [airport]/396 @[173823.499853] (airportProcessCommand.m:1715) Processed events, count[1],
@[173823.498841], took 0.000997
Wed Jun 11 09:58:32.311 [airport]/396 @[173823.500002] (airportProcessCommand.m:1715) Processed events, count[1],
@[173823.499950], took 0.000033
Wed Jun 11 09:58:32.311 [airport]/396 @[173823.500078] (airportProcessCommand.m:1715) Processed events, count[1],
@[173823.500044], took 0.000026
Wed Jun 11 09:58:32.311 [airport]/396 @[173823.500150] (airportProcessCommand.m:1715) Processed events, count[1],
@[173823.500114], took 0.000028
Wed Jun 11 09:58:32.311 [airport]/396 @[173823.500215] (airportProcessCommand.m:1715) Processed events, count[1],
@[173823.500185], took 0.000022
Wed Jun 11 09:58:32.311 [airport]/396 @[173823.500449] (airportProcessCommand.m:1715) Processed events, count[1],
@[173823.500415], took 0.000026
Wed Jun 11 09:58:32.311 [airport]/396 @[173823.500747] (airportProcessCommand.m:1715) Processed events, count[1],
@[173823.500675], took 0.000025
Wed Jun 11 09:58:32.315 [airport]/396 @[173823.504412] (airportProcessCommand.m:1715) Processed events,
count[2], @[173823.504299], took 0.000095
Wed Jun 11 09:58:32.316 [airport]/396 @[173823.505049] (airportProcessCommand.m:1715) Processed events,
count[1], @[173823.504896], took 0.000053
Wed Jun 11 09:58:32.317 [airport]/396 @[173823.505980] (airportProcessCommand.m:1715) Processed events,
count[1], @[173823.505910], took 0.000057
Wed Jun 11 09:58:32.318 [airport]/396 @[173823.506933] (airportProcessCommand.m:1715) Processed events,
count[1], @[173823.506873], took 0.000047
Wed Jun 11 09:58:32.318 [airport]/396 @[173823.507434] (airportProcessCommand.m:1715) Processed events,
count[1], @[173823.507264], took 0.000132
Wed Jun 11 09:58:32.319 [airport]/396 @[173823.507998] (airportProcessCommand.m:1715) Processed events,
count[1], @[173823.507934], took 0.000051
Wed Jun 11 09:58:32.319 [airport]/396 @[173823.508592] (airportProcessCommand.m:1715) Processed events,
count[1], @[173823.508480], took 0.000048
Wed Jun 11 09:58:32.320 [airport]/396 @[173823.508985] (airportProcessCommand.m:1715) Processed events,
count[1], @[173823.508927], took 0.000045
Wed Jun 11 09:58:32.320 [airport]/396 @[173823.509478] (airportProcessCommand.m:1715) Processed events,
count[1], @[173823.509427], took 0.000038
Wed Jun 11 09:58:32.321 [airport]/396 @[173823.510147] (airportProcessCommand.m:1715) Processed events, count[1],
@[173823.510083], took 0.000048
Wed Jun 11 09:58:32.323 [airport]/396 @[173823.512684] (airportProcessCommand.m:1715) Processed events,
count[2], @[173823.510597], took 0.002073
Wed Jun 11 09:58:32.324 [airport]/396 @[173823.512843] (airportProcessCommand.m:1715) Processed events,
count[1], @[173823.512798], took 0.000037
Wed Jun 11 09:58:32.324 [airport]/396 @[173823.512917] (airportProcessCommand.m:1715) Processed events, count[1],
@[173823.512881], took 0.000027
Wed Jun 11 09:58:32.324 [airport]/396 @[173823.513027] (airportProcessCommand.m:1715) Processed events, count[1],
@[173823.512993], took 0.000025
Wed Jun 11 09:58:32.324 [airport]/396 @[173823.513098] (airportProcessCommand.m:1715) Processed events,
count[1], @[173823.513066], took 0.000023
Wed Jun 11 09:58:32.324 [airport]/396 @[173823.513165] (airportProcessCommand.m:1715) Processed events, count[1],
@[173823.513134], took 0.000024
Wed Jun 11 09:58:32.324 [airport]/396 @[173823.513229] (airportProcessCommand.m:1715) Processed events,
count[1], @[173823.513199], took 0.000022
Wed Jun 11 09:58:45.529 [airport]/396 @[173836.718831] (airportdMain.m:1730) Health check alive,
checkin@[173836.718776], count[2212]
Wed Jun 11 09:59:15.628 [airport]/396 @[173866.819613] (airportdMain.m:1730) Health check alive,
checkin@[173866.819563], count[2213]
Wed Jun 11 09:59:45.719 [airport]/396 @[173896.912660] (airportdMain.m:1730) Health check alive,
checkin@[173896.912599], count[2214]
Wed Jun 11 10:00:15.811 [airport]/396 @[173927.006287] (airportdMain.m:1730) Health check alive,
checkin@[173927.006225], count[2215]
Wed Jun 11 10:00:45.911 [airport]/396 @[173957.107012] (airportdMain.m:1730) Health check alive,
checkin@[173957.106963], count[2216]
Wed Jun 11 10:01:16.002 [airport]/396 @[173987.200070] (airportdMain.m:1730) Health check alive,
checkin@[173987.200006], count[2217]
Wed Jun 11 10:01:46.094 [airport]/396 @[174017.293666] (airportdMain.m:1730) Health check alive,
checkin@[174017.293615], count[2218]
Wed Jun 11 10:02:16.193 [airport]/396 @[174047.394540] (airportdMain.m:1730) Health check alive,
checkin@[174047.394501], count[2219]
Wed Jun 11 10:02:32.647 [airport]/396 @[174063.842857] (configdIODriverInterface.m:1377) driver available
(reason=0xe0823805, subreason=0xe0822a01, flags=0x2), node:isDriverAvailable=1
Wed Jun 11 10:02:32.667 [airport]/396 @[174063.869347] (airportProcessCommand.m:1715) Processed events,
count[0], @[174063.793794], took 0.075522
Wed Jun 11 10:02:32.727 [airport]/396 @[174063.929402] (airportProcessCommand.m:1640) Processing IPv6 (not
supported): 'State:/Network/Service/F744DE27-E4CA-437C-BBD3-AC8F2E96D969/IPv6'
Wed Jun 11 10:02:32.727 [airport]/396 @[174063.929522] (airportProcessCommand.m:1633) Processing IPv4: 'State:/
Network/Global/IPv4'
Wed Jun 11 10:02:32.727 [airport]/396 @[174063.929564] (airportProcessCommand.m:454) State:/Network/Global/IPv4
Wed Jun 11 10:02:32.728 [airport]/396 @[174063.929643] (airportProcessCommand.m:462) No valid components format
from SCDynamicStore: serviceKey:'State:/Network/Global/IPv4'
Wed Jun 11 10:02:32.728 [airport]/396 @[174063.929691] (airportProcessCommand.m:1640) Processing IPv6 (not
supported): 'State:/Network/Global/IPv6'
Wed Jun 11 10:02:32.731 [airport]/396 @[174063.933501] (airportProcessCommand.m:1715) Processed events, count[19],
@[174063.929292], took 0.004185
Wed Jun 11 10:02:33.005 [airport]/396 @[174064.206960] (airportProcessCommand.m:1715) Processed events,
count[8], @[174064.206868], took 0.000084
Wed Jun 11 10:02:33.009 [airport]/396 @[174064.210642] (airportProcessCommand.m:1715) Processed events,
count[8], @[174064.208920], took 0.001710
Wed Jun 11 10:02:33.754 [airport]/396 @[174064.956563] (airportProcessCommand.m:1715) Processed events,
count[0], @[174064.672400], took 0.284146

Wed Jun 11 10:02:33.909 [airport]/396 @[174065.111382] (airportProcessCommand.m:1715) Processed events, count[0], @[174064.967483], took 0.143880
Wed Jun 11 10:02:33.973 [airport]/396 @[174065.174816] (airportProcessCommand.m:1715) Processed events, count[19], @[174065.168874], took 0.005927
Wed Jun 11 10:02:34.033 [airport]/396 @[174065.234718] (airportProcessCommand.m:1715) Processed events, count[0], @[174065.178678], took 0.056009
Wed Jun 11 10:02:34.034 [airport]/396 @[174065.235839] (airportProcessCommand.m:1640) Processing IPv6 (not supported): 'State:/Network/Service/F744DE27-E4CA-437C-BBD3-AC8F2E96D969/IPv6'
Wed Jun 11 10:02:34.034 [airport]/396 @[174065.235922] (airportProcessCommand.m:1715) Processed events, count[1], @[174065.235759], took 0.000150
Wed Jun 11 10:02:34.034 [airport]/396 @[174065.235996] (airportProcessCommand.m:1633) Processing IPv4: 'State:/Network/Global/IPv4'
Wed Jun 11 10:02:34.034 [airport]/396 @[174065.236042] (airportProcessCommand.m:454) State:/Network/Global/IPv4
Wed Jun 11 10:02:34.034 [airport]/396 @[174065.236138] (airportProcessCommand.m:462) No valid components format from SCDynamicStore: serviceKey:'State:/Network/Global/IPv4'
Wed Jun 11 10:02:34.034 [airport]/396 @[174065.236185] (airportProcessCommand.m:1640) Processing IPv6 (not supported): 'State:/Network/Global/IPv6'
Wed Jun 11 10:02:34.034 [airport]/396 @[174065.236224] (airportProcessCommand.m:1715) Processed events, count[2], @[174065.235963], took 0.000251
Wed Jun 11 10:02:34.090 [airport]/396 @[174065.291603] (airportProcessCommand.m:1715) Processed events, count[0], @[174065.244613], took 0.046964
Wed Jun 11 10:02:34.135 [airport]/396 @[174065.337612] (airportProcessCommand.m:1715) Processed events, count[0], @[174065.295869], took 0.041719
Wed Jun 11 10:02:34.141 [airport]/396 @[174065.342185] (airportProcessCommand.m:1640) Processing IPv6 (not supported): 'State:/Network/Service/F744DE27-E4CA-437C-BBD3-AC8F2E96D969/IPv6'
Wed Jun 11 10:02:34.141 [airport]/396 @[174065.342984] (airportProcessCommand.m:1633) Processing IPv4: 'State:/Network/Global/IPv4'
Wed Jun 11 10:02:34.141 [airport]/396 @[174065.343028] (airportProcessCommand.m:454) State:/Network/Global/IPv4
Wed Jun 11 10:02:34.141 [airport]/396 @[174065.343107] (airportProcessCommand.m:462) No valid components format from SCDynamicStore: serviceKey:'State:/Network/Global/IPv4'
Wed Jun 11 10:02:34.141 [airport]/396 @[174065.343159] (airportProcessCommand.m:1640) Processing IPv6 (not supported): 'State:/Network/Global/IPv6'
Wed Jun 11 10:02:34.141 [airport]/396 @[174065.343219] (airportProcessCommand.m:1715) Processed events, count[22], @[174065.338590], took 0.004598
Wed Jun 11 10:02:34.141 [airport]/396 @[174065.343320] (airportProcessCommand.m:1715) Processed events, count[2], @[174065.343268], took 0.000041
Wed Jun 11 10:02:34.141 [airport]/396 @[174065.343387] (airportProcessCommand.m:1715) Processed events, count[1], @[174065.343354], took 0.000025
Wed Jun 11 10:02:34.141 [airport]/396 @[174065.343452] (airportProcessCommand.m:1715) Processed events, count[1], @[174065.343421], took 0.000023
Wed Jun 11 10:02:34.141 [airport]/396 @[174065.343517] (airportProcessCommand.m:1715) Processed events, count[1], @[174065.343487], took 0.000022
Wed Jun 11 10:02:34.141 [airport]/396 @[174065.343581] (airportProcessCommand.m:1715) Processed events, count[1], @[174065.343549], took 0.000024
Wed Jun 11 10:02:34.141 [airport]/396 @[174065.343643] (airportProcessCommand.m:1715) Processed events, count[1], @[174065.343613], took 0.000022
Wed Jun 11 10:02:34.142 [airport]/396 @[174065.343890] (airportProcessCommand.m:1715) Processed events, count[1], @[174065.343676], took 0.000129
Wed Jun 11 10:02:34.142 [airport]/396 @[174065.344031] (airportProcessCommand.m:1715) Processed events, count[1], @[174065.343995], took 0.000026
Wed Jun 11 10:02:34.142 [airport]/396 @[174065.344201] (airportProcessCommand.m:1715) Processed events, count[2], @[174065.344066], took 0.000122
Wed Jun 11 10:02:34.142 [airport]/396 @[174065.344441] (airportProcessCommand.m:1715) Processed events, count[1], @[174065.344401], took 0.000033
Wed Jun 11 10:02:34.149 [airport]/396 @[174065.350412] (airportProcessCommand.m:1715) Processed events, count[1], @[174065.344481], took 0.005673
Wed Jun 11 10:02:34.149 [airport]/396 @[174065.351039] (airportProcessCommand.m:1715) Processed events, count[1], @[174065.350989], took 0.000039
Wed Jun 11 10:02:34.149 [airport]/396 @[174065.351114] (airportProcessCommand.m:1715) Processed events, count[1], @[174065.351078], took 0.000028
Wed Jun 11 10:02:34.149 [airport]/396 @[174065.351197] (airportProcessCommand.m:1715) Processed events, count[2], @[174065.351148], took 0.000040
Wed Jun 11 10:02:34.149 [airport]/396 @[174065.351316] (airportProcessCommand.m:1715) Processed events, count[2], @[174065.351262], took 0.000045
Wed Jun 11 10:02:34.176 [airport]/396 @[174065.378443] (airportProcessCommand.m:1715) Processed events, count[0], @[174065.352647], took 0.025775
Wed Jun 11 10:02:34.198 [airport]/396 @[174065.400294] (airportProcessCommand.m:1715) Processed events, count[0], @[174065.380262], took 0.020012
Wed Jun 11 10:02:34.220 [airport]/396 @[174065.422628] (airportProcessCommand.m:1715) Processed events, count[0], @[174065.402314], took 0.020292
Wed Jun 11 10:02:34.238 [airport]/396 @[174065.440091] (airportProcessCommand.m:1715) Processed events, count[0], @[174065.424103], took 0.015967
Wed Jun 11 10:02:34.258 [airport]/396 @[174065.460564] (airportProcessCommand.m:1715) Processed events, count[0], @[174065.441104], took 0.019434
Wed Jun 11 10:02:34.276 [airport]/396 @[174065.477998] (airportProcessCommand.m:1715) Processed events, count[0], @[174065.461628], took 0.016347
Wed Jun 11 10:02:35.313 [airport]/396 @[174066.515198] (airportProcessCommand.m:1627) Processing DHCP: 'State:/Network/Service/F744DE27-E4CA-437C-BBD3-AC8F2E96D969/DHCP'
Wed Jun 11 10:02:35.313 [airport]/396 @[174066.515403] (airportProcessCommand.m:187) State:/Network/Service/F744DE27-E4CA-437C-BBD3-AC8F2E96D969/DHCP
Wed Jun 11 10:02:35.313 [airport]/396 @[174066.515715] (airportProcessCommand.m:216) DHCP airport_changed = 1, service:F744DE27-E4CA-437C-BBD3-AC8F2E96D969
Wed Jun 11 10:02:35.314 [airport]/396 @[174066.516280] (airportProcessCommand.m:1715) Processed events, count[1], @[174066.515118], took 0.001126
Wed Jun 11 10:02:46.194 [airport]/396 @[174077.396418] (airportdMain.m:1730) Health check alive, checkin@[174077.396344], count[2220]
Wed Jun 11 10:03:16.193 [airport]/396 @[174107.397728] (airportdMain.m:1730) Health check alive, checkin@[174107.397677], count[2221]
Wed Jun 11 10:03:46.193 [airport]/396 @[174137.399076] (airportdMain.m:1730) Health check alive, checkin@[174137.399042], count[2222]

Wed Jun 11 10:04:16.193 [airport]/396 @[174167.400454] (airportdMain.m:1730) Health check alive, checkin@[174167.400399], count[2223]
Wed Jun 11 10:04:22.721 [airport]/396 @[174173.928459] (airportProcessCommand.m:1715) Processed events, count[2], @[174173.928400], took 0.000049
Wed Jun 11 10:04:22.721 [airport]/396 @[174173.928699] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.928663], took 0.000027
Wed Jun 11 10:04:22.721 [airport]/396 @[174173.929022] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.928986], took 0.000026
Wed Jun 11 10:04:22.721 [airport]/396 @[174173.929195] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.929162], took 0.000025
Wed Jun 11 10:04:22.722 [airport]/396 @[174173.929467] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.929434], took 0.000025
Wed Jun 11 10:04:22.722 [airport]/396 @[174173.929730] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.929696], took 0.000026
Wed Jun 11 10:04:22.722 [airport]/396 @[174173.929955] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.929922], took 0.000024
Wed Jun 11 10:04:22.722 [airport]/396 @[174173.930193] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.930162], took 0.000023
Wed Jun 11 10:04:22.722 [airport]/396 @[174173.930412] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.930376], took 0.000023
Wed Jun 11 10:04:22.723 [airport]/396 @[174173.930637] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.930606], took 0.000023
Wed Jun 11 10:04:22.723 [airport]/396 @[174173.930870] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.930839], took 0.000023
Wed Jun 11 10:04:22.724 [airport]/396 @[174173.931933] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.931053], took 0.000868
Wed Jun 11 10:04:22.724 [airport]/396 @[174173.932061] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.932026], took 0.000027
Wed Jun 11 10:04:22.724 [airport]/396 @[174173.932132] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.932100], took 0.000023
Wed Jun 11 10:04:22.724 [airport]/396 @[174173.932198] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.932167], took 0.000023
Wed Jun 11 10:04:22.725 [airport]/396 @[174173.932642] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.932586], took 0.000040
Wed Jun 11 10:04:22.725 [airport]/396 @[174173.932920] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.932884], took 0.000027
Wed Jun 11 10:04:22.725 [airport]/396 @[174173.933438] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.933396], took 0.000032
Wed Jun 11 10:04:22.727 [airport]/396 @[174173.935087] (airportProcessCommand.m:1715) Processed events, count[2], @[174173.935031], took 0.000046
Wed Jun 11 10:04:22.728 [airport]/396 @[174173.935595] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.935557], took 0.000028
Wed Jun 11 10:04:22.728 [airport]/396 @[174173.936055] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.936015], took 0.000032
Wed Jun 11 10:04:22.728 [airport]/396 @[174173.936439] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.936403], took 0.000027
Wed Jun 11 10:04:22.729 [airport]/396 @[174173.936945] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.936908], took 0.000028
Wed Jun 11 10:04:22.730 [airport]/396 @[174173.937774] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.937734], took 0.000031
Wed Jun 11 10:04:22.730 [airport]/396 @[174173.938238] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.938195], took 0.000032
Wed Jun 11 10:04:22.731 [airport]/396 @[174173.938626] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.938578], took 0.000031
Wed Jun 11 10:04:22.731 [airport]/396 @[174173.939245] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.939190], took 0.000034
Wed Jun 11 10:04:22.731 [airport]/396 @[174173.939409] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.939374], took 0.000027
Wed Jun 11 10:04:22.732 [airport]/396 @[174173.939644] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.939610], took 0.000025
Wed Jun 11 10:04:22.733 [airport]/396 @[174173.940839] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.939833], took 0.000994
Wed Jun 11 10:04:22.733 [airport]/396 @[174173.940956] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.940919], took 0.000029
Wed Jun 11 10:04:22.733 [airport]/396 @[174173.941034] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.941002], took 0.000024
Wed Jun 11 10:04:22.733 [airport]/396 @[174173.941108] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.941067], took 0.000032
Wed Jun 11 10:04:22.733 [airport]/396 @[174173.941176] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.941143], took 0.000024
Wed Jun 11 10:04:22.733 [airport]/396 @[174173.941240] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.941209], took 0.000023
Wed Jun 11 10:04:22.734 [airport]/396 @[174173.941550] (airportProcessCommand.m:1715) Processed events, count[1], @[174173.941511], took 0.000030
Wed Jun 11 10:04:46.193 [airport]/396 @[174197.401696] (airportdMain.m:1730) Health check alive, checkin@[174197.401587], count[2224]
Wed Jun 11 10:05:16.292 [airport]/396 @[174227.502803] (airportdMain.m:1730) Health check alive, checkin@[174227.502694], count[2225]
Wed Jun 11 10:05:46.392 [airport]/396 @[174257.604071] (airportdMain.m:1730) Health check alive, checkin@[174257.603973], count[2226]
Wed Jun 11 10:06:16.491 [airport]/396 @[174287.705428] (airportdMain.m:1730) Health check alive, checkin@[174287.705353], count[2227]
Wed Jun 11 10:06:46.583 [airport]/396 @[174317.798490] (airportdMain.m:1730) Health check alive, checkin@[174317.798389], count[2228]
Wed Jun 11 10:07:16.683 [airport]/396 @[174347.899778] (airportdMain.m:1730) Health check alive, checkin@[174347.899699], count[2229]
Wed Jun 11 10:07:46.782 [airport]/396 @[174378.001124] (airportdMain.m:1730) Health check alive, checkin@[174378.001054], count[2230]
Wed Jun 11 10:07:58.843 [airport]/396 @[174390.062748] (airportProcessCommand.m:1715) Processed events, count[2], @[174390.062626], took 0.000101

Wed Jun 11 10:07:58.845 [airport]/396 @[174390.064896] (airportProcessCommand.m:1715) Processed events, count[1], @[174390.063995], took 0.000843
Wed Jun 11 10:07:58.846 [airport]/396 @[174390.065610] (airportProcessCommand.m:1715) Processed events, count[1], @[174390.065536], took 0.000057
Wed Jun 11 10:07:58.847 [airport]/396 @[174390.066854] (airportProcessCommand.m:1715) Processed events, count[2], @[174390.066629], took 0.000193
Wed Jun 11 10:07:58.849 [airport]/396 @[174390.068154] (airportProcessCommand.m:1715) Processed events, count[1], @[174390.068049], took 0.000086
Wed Jun 11 10:07:58.849 [airport]/396 @[174390.068652] (airportProcessCommand.m:1715) Processed events, count[2], @[174390.068577], took 0.000062
Wed Jun 11 10:07:58.850 [airport]/396 @[174390.068974] (airportProcessCommand.m:1715) Processed events, count[1], @[174390.068919], took 0.000042
Wed Jun 11 10:07:58.850 [airport]/396 @[174390.069393] (airportProcessCommand.m:1715) Processed events, count[1], @[174390.069261], took 0.000119
Wed Jun 11 10:07:58.853 [airport]/396 @[174390.071984] (airportProcessCommand.m:1715) Processed events, count[2], @[174390.071637], took 0.000181
Wed Jun 11 10:07:58.853 [airport]/396 @[174390.072664] (airportProcessCommand.m:1715) Processed events, count[2], @[174390.072595], took 0.000056
Wed Jun 11 10:07:58.853 [airport]/396 @[174390.072849] (airportProcessCommand.m:1715) Processed events, count[1], @[174390.072794], took 0.000043
Wed Jun 11 10:07:58.854 [airport]/396 @[174390.072954] (airportProcessCommand.m:1715) Processed events, count[1], @[174390.072904], took 0.000038
Wed Jun 11 10:07:58.854 [airport]/396 @[174390.073153] (airportProcessCommand.m:1715) Processed events, count[1], @[174390.073101], took 0.000040
Wed Jun 11 10:07:58.856 [airport]/396 @[174390.075506] (airportProcessCommand.m:1715) Processed events, count[1], @[174390.073400], took 0.002085
Wed Jun 11 10:07:58.856 [airport]/396 @[174390.075709] (airportProcessCommand.m:1715) Processed events, count[1], @[174390.075645], took 0.000051
Wed Jun 11 10:07:58.856 [airport]/396 @[174390.075901] (airportProcessCommand.m:1715) Processed events, count[2], @[174390.075766], took 0.000122
Wed Jun 11 10:07:58.857 [airport]/396 @[174390.076012] (airportProcessCommand.m:1715) Processed events, count[1], @[174390.075959], took 0.000039
Wed Jun 11 10:07:58.857 [airport]/396 @[174390.076114] (airportProcessCommand.m:1715) Processed events, count[1], @[174390.076066], took 0.000035
Wed Jun 11 10:07:58.857 [airport]/396 @[174390.076367] (airportProcessCommand.m:1715) Processed events, count[1], @[174390.076299], took 0.000058
Wed Jun 11 10:07:58.858 [airport]/396 @[174390.077335] (airportProcessCommand.m:1715) Processed events, count[2], @[174390.077039], took 0.000279
Wed Jun 11 10:07:58.858 [airport]/396 @[174390.077824] (airportProcessCommand.m:1715) Processed events, count[2], @[174390.077749], took 0.000064
Wed Jun 11 10:07:58.860 [airport]/396 @[174390.078954] (airportProcessCommand.m:1715) Processed events, count[2], @[174390.078775], took 0.000051
Wed Jun 11 10:07:58.862 [airport]/396 @[174390.081706] (airportProcessCommand.m:1715) Processed events, count[2], @[174390.080271], took 0.001424
Wed Jun 11 10:07:58.862 [airport]/396 @[174390.081865] (airportProcessCommand.m:1715) Processed events, count[1], @[174390.081823], took 0.000033
Wed Jun 11 10:07:58.862 [airport]/396 @[174390.081937] (airportProcessCommand.m:1715) Processed events, count[1], @[174390.081903], took 0.000025
Wed Jun 11 10:07:58.863 [airport]/396 @[174390.082005] (airportProcessCommand.m:1715) Processed events, count[1], @[174390.081974], took 0.000022
Wed Jun 11 10:07:58.863 [airport]/396 @[174390.082071] (airportProcessCommand.m:1715) Processed events, count[1], @[174390.082038], took 0.000024
Wed Jun 11 10:07:58.863 [airport]/396 @[174390.082242] (airportProcessCommand.m:1715) Processed events, count[1], @[174390.082190], took 0.000040
Wed Jun 11 10:08:16.882 [airport]/396 @[174408.102524] (airportdMain.m:1730) Health check alive, checkin@[174408.102397], count[2231]
Wed Jun 11 10:08:46.980 [airport]/396 @[174438.201558] (airportdMain.m:1730) Health check alive, checkin@[174438.201488], count[2232]
Wed Jun 11 10:09:17.074 [airport]/396 @[174468.297473] (airportdMain.m:1730) Health check alive, checkin@[174468.297393], count[2233]
Wed Jun 11 10:09:47.174 [airport]/396 @[174498.398835] (airportdMain.m:1730) Health check alive, checkin@[174498.398761], count[2234]
Wed Jun 11 10:10:17.273 [airport]/396 @[174528.500188] (airportdMain.m:1730) Health check alive, checkin@[174528.500116], count[2235]
Wed Jun 11 10:10:47.373 [airport]/396 @[174558.601107] (airportdMain.m:1730) Health check alive, checkin@[174558.601070], count[2236]
Wed Jun 11 10:11:17.468 [airport]/396 @[174588.697997] (airportdMain.m:1730) Health check alive, checkin@[174588.697947], count[2237]
Wed Jun 11 10:11:47.564 [airport]/396 @[174618.795470] (airportdMain.m:1730) Health check alive, checkin@[174618.795396], count[2238]
Wed Jun 11 10:12:17.656 [airport]/396 @[174648.888995] (airportdMain.m:1730) Health check alive, checkin@[174648.888899], count[2239]
Wed Jun 11 10:12:47.663 [airport]/396 @[174678.898230] (airportdMain.m:1730) Health check alive, checkin@[174678.898142], count[2240]
Wed Jun 11 10:13:17.763 [airport]/396 @[174708.999517] (airportdMain.m:1730) Health check alive, checkin@[174708.999444], count[2241]
Wed Jun 11 10:13:47.863 [airport]/396 @[174739.100866] (airportdMain.m:1730) Health check alive, checkin@[174739.100795], count[2242]
Wed Jun 11 10:14:17.962 [airport]/396 @[174769.201999] (airportdMain.m:1730) Health check alive, checkin@[174769.201920], count[2243]
Wed Jun 11 10:14:48.061 [airport]/396 @[174799.302575] (airportdMain.m:1730) Health check alive, checkin@[174799.302505], count[2244]
Wed Jun 11 10:15:10.901 [airport]/396 @[174822.143856] (airportProcessCommand.m:1715) Processed events, count[2], @[174822.143798], took 0.000048
Wed Jun 11 10:15:10.902 [airport]/396 @[174822.144241] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.144207], took 0.000026
Wed Jun 11 10:15:10.902 [airport]/396 @[174822.144349] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.144314], took 0.000027
Wed Jun 11 10:15:10.902 [airport]/396 @[174822.144688] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.144654], took 0.000026

Wed Jun 11 10:15:10.902 [airport]/396 @[174822.144883] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.144849], took 0.000026
Wed Jun 11 10:15:10.903 [airport]/396 @[174822.145094] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.145061], took 0.000025
Wed Jun 11 10:15:10.903 [airport]/396 @[174822.145416] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.145332], took 0.000055
Wed Jun 11 10:15:10.903 [airport]/396 @[174822.145832] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.145762], took 0.000054
Wed Jun 11 10:15:10.904 [airport]/396 @[174822.146281] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.146210], took 0.000054
Wed Jun 11 10:15:10.905 [airport]/396 @[174822.146883] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.146812], took 0.000054
Wed Jun 11 10:15:10.905 [airport]/396 @[174822.147420] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.147274], took 0.000051
Wed Jun 11 10:15:10.908 [airport]/396 @[174822.150363] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.147707], took 0.002610
Wed Jun 11 10:15:10.908 [airport]/396 @[174822.150612] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.150500], took 0.000099
Wed Jun 11 10:15:10.909 [airport]/396 @[174822.150953] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.150674], took 0.000187
Wed Jun 11 10:15:10.911 [airport]/396 @[174822.153345] (airportProcessCommand.m:1715) Processed events, count[2], @[174822.152167], took 0.001162
Wed Jun 11 10:15:10.911 [airport]/396 @[174822.153858] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.153657], took 0.000186
Wed Jun 11 10:15:10.915 [airport]/396 @[174822.157206] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.157109], took 0.000085
Wed Jun 11 10:15:10.916 [airport]/396 @[174822.158583] (airportProcessCommand.m:1715) Processed events, count[2], @[174822.158528], took 0.000046
Wed Jun 11 10:15:10.916 [airport]/396 @[174822.158777] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.158737], took 0.000031
Wed Jun 11 10:15:10.917 [airport]/396 @[174822.159060] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.159024], took 0.000027
Wed Jun 11 10:15:10.917 [airport]/396 @[174822.159294] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.159263], took 0.000024
Wed Jun 11 10:15:10.917 [airport]/396 @[174822.159498] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.159465], took 0.000025
Wed Jun 11 10:15:10.917 [airport]/396 @[174822.159781] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.159750], took 0.000024
Wed Jun 11 10:15:10.918 [airport]/396 @[174822.159995] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.159962], took 0.000025
Wed Jun 11 10:15:10.918 [airport]/396 @[174822.160200] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.160164], took 0.000027
Wed Jun 11 10:15:10.918 [airport]/396 @[174822.160495] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.160429], took 0.000055
Wed Jun 11 10:15:10.918 [airport]/396 @[174822.160718] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.160627], took 0.000061
Wed Jun 11 10:15:10.919 [airport]/396 @[174822.160902] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.160870], took 0.000023
Wed Jun 11 10:15:10.920 [airport]/396 @[174822.162032] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.161164], took 0.000853
Wed Jun 11 10:15:10.920 [airport]/396 @[174822.162180] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.162123], took 0.000031
Wed Jun 11 10:15:10.920 [airport]/396 @[174822.162277] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.162238], took 0.000029
Wed Jun 11 10:15:10.920 [airport]/396 @[174822.162358] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.162314], took 0.000035
Wed Jun 11 10:15:10.920 [airport]/396 @[174822.162425] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.162393], took 0.000023
Wed Jun 11 10:15:10.920 [airport]/396 @[174822.162583] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.162546], took 0.000029
Wed Jun 11 10:15:10.920 [airport]/396 @[174822.162783] (airportProcessCommand.m:1715) Processed events, count[1], @[174822.162749], took 0.000026
Wed Jun 11 10:15:18.154 [airport]/396 @[174829.397063] (airportdMain.m:1730) Health check alive, checkin@[174829.397015], count[2245]
Wed Jun 11 10:15:48.154 [airport]/396 @[174859.398065] (airportdMain.m:1730) Health check alive, checkin@[174859.398012], count[2246]
Wed Jun 11 10:16:18.245 [airport]/396 @[174889.490940] (airportdMain.m:1730) Health check alive, checkin@[174889.490892], count[2247]
Wed Jun 11 10:16:48.245 [airport]/396 @[174919.492359] (airportdMain.m:1730) Health check alive, checkin@[174919.492294], count[2248]
Wed Jun 11 10:17:18.337 [airport]/396 @[174949.585885] (airportdMain.m:1730) Health check alive, checkin@[174949.585783], count[2249]
Wed Jun 11 10:17:48.436 [airport]/396 @[174979.687145] (airportdMain.m:1730) Health check alive, checkin@[174979.687090], count[2250]
Wed Jun 11 10:18:18.537 [airport]/396 @[175009.788144] (airportdMain.m:1730) Health check alive, checkin@[175009.788013], count[2251]
Wed Jun 11 10:18:48.636 [airport]/396 @[175039.889841] (airportdMain.m:1730) Health check alive, checkin@[175039.889803], count[2252]

NVRAM contents:

Source: /usr/sbin/nvram -xp
Size: 4 KB (4.346 bytes)
Last Modified: 11/06/2025, 10:18
Recent Contents: <?xml version="1.0" encoding="UTF-8"?>
                 <!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">
                 <plist version="1.0">
                 <dict>
                    <key>BluetoothInfo</key>

```xml
<data>
Ag5EZXNpZ25lciBNb3VzZQoCaHolEFOqElHAAE7TrE1pvX2EfycOBwHKltt7FtlJEQDx
wthu98rRYUFlvNHLmNvdBAlFCAsIPrOdr4T3d2UFAl4EBgEC
</data>
<key>BluetoothUHEDevices</key>
<data>
1Fdj0NfTAAQ=
</data>
<key>IDInstallerDataV2</key>
<data>
4AxicGxpc3QwMKQBDBIW1QIDBAUGBwgJCgtTMTAzAATmMFE2UzUw9OAOM1ExV2NyYXNo
ZWRfEBZrZXkgcmVjb3ZlcnkgYXNzAETgAWFudFhhcHBsZSBpZFMyMDDUAE3rDQ4PEBFR
MFEyVnAAJeABZWRVY2xlYW5WMjNlNTI31QclIuAGERMPFBVRM1d1cGdyYWRlVjl0RTI2
Mxgc4CoVFw8YGVE0XxAPc29mdHdhcmUgdXBkYXRlVTI0Rjc0CA0YHCAiJiosNE1WWmNl
Z250e4alkJeipLYAEAHOAQEA8p4aAPbjAAC8BgAAAAAAAA=
</data>
<key>LocationServicesEnabled</key>
<data>
AQ==
</data>
<key>SystemAudioVolume</key>
<data>
gA==
</data>
<key>SystemAudioVolumeExtension</key>
<data>
TwM=
</data>
<key>auto-boot</key>
<data>
dHJ1ZQ==
</data>
<key>bluetoothExternalDongleFailed</key>
<data>
AA==
</data>
<key>bluetoothInternalControllerInfo</key>
<data>
AAAAAAAAAADUV2PQ19M=
</data>
<key>boot-volume</key>
<data>
RUY1NzM0N0MtMDAwMC1BQTExLUFBMTEtMDAzMDY1NDNFQ0FDOjZFQjZDQ0EwLTQ1QjUt
OEM0Qi04RkE0LTgzN0FGQjBCRDJCNzpCOEY2NjdCOS02M0YwLTQ5RUItOTI0Ny00MTUz
QTc0RTY5Qjg=
</data>
<key>display-crossbar0</key>
<data>
AAAQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA=
</data>
<key>failboot-breadcrumbs</key>
<data>
PEJPT1Q+IDIwMDIyIDIwMDI4KDEpIDQwMWQwMDAyIDIwMDI0KDY1KSA8Q09NTUlUPiA=
</data>
<key>fmm-computer-name</key>
<data>
RnJpc2/igJlzIE1hY0Jvb2sgQWly
</data>
<key>fmm-mobileme-token-FMM</key>
<data>
YnBsaXN0MDDeAQIDBAUGBwgJCgsMDQ4PEBcYDxkaDxscHR4fIV8QD3VucmVvaXN0ZXJT
dGF0ZVVh1c2VySW5mb1lhdXRoVG9rZW5ecm9vdFZvbHVtZVVVSUReZGlzYWJsZUNvbnRl
eHRWdXNlcmlkXxAQbGFzdElkZW50aXR5VGltZV1lbmFibGVkZ250ZXh0WHVzZXJuYW1l
WHBlcnNvbklEV2FkZFRpbWVVUZ3VpZF8QEmVuYWJsZWREYXRhY2xzc3Nlc18QE2RhdGFj
bGFzc1Byb3BlcnRpZXXMQANMREhMUFRZZfEBVJblVzZU93bnVyRGlzcGxheU5hbWVfEBNJ
blVzZU93bnVyRmlyc3ROYW1lXxASSW5Vc2VPd25lckxhc3ROYW1lW0ZyaXNvlFdlbXBl
VUZyaXNvVVdlbXBlXxxDMRUFBV0FBQUFCTHdJQUFBQUFHZ0N6N6UWNSRG1kekxtbGpGRT
WkM1aGRYUm92UUJ6UUJ6eEpvbnJJNIE1NnprbkVMT2x6UUhtTExfaWU0MWWFlQ3dTeVhuRVZh
Q19QR1BoeFdXVhaRXIqWDlCa1VkY3FwSGVZaFSdWRkRzBWVnM3SVQ5S3JFZ1N4M1E0
UnNxcUJLQ01T1VVQmNDSGd6ejeWeTZ2MzdIY3RSQW9XRUxmSDRNSzBmLVg5REZDYklj
c0s4Q0lNQ1NuUlp2d35+XxAkMzFCRjAwMDAtNzhBNi00Q0I5LUI5MDItOUZCMEUwMDFC
NTJFEQH1I0HaALNNd6K6XxAUZnJpc293ZW1wZUBnbWFpbC5jb21ZMjgwMzcyNDc5I0Ha
ALNGhWBwXxAkQjNBNjg5MTEtREJDNC00RUU3LUFFMTMtQURFRDUzRDYwQjYyoSBfECFj
b20uYXBwbGUuRGF0YWNsYXNzLkRldmljZUxvY2F0b3LRICLVIyQlJicoKSorLFZhcHNF
bnZYaG9zdG5hbVdaSWRlbnRpZmlldyZ'hlbWVkYXV0aE1lY2hhbmlzbVpwcm9k
dWN0aW9uXxATcDUwLWZtaXAuaWNsb3VkLmNvbV8QJEYwNkROEE4LUM4NzktNEJGNS04
QTRBLTA4QkFFCMjJBNjc0M1VodHRwc1V0b2tlbgAlACUANwBAAEoAWQBoAG8AggCQAJkA
ogCqAK8AxADaANwA4wD7AREBJgEyATgBPglNAjQCNwJAAlcCYQJqApECkwK3AroCxQLM
AtUC4wLqAvgDAwMZA0ADRgAAAAAAAIBAAAAAAAAAC0AAAAAAAAAAAAAAAAAANM
</data>
<key>fmm-mobileme-token-FMM-BridgeHasAccount</key>
<data>
QnJpZGdllSGFzQWNjb3VudFZhbHVl
</data>
<key>lts-persistance</key>
<data>
AQAAAAAABAAkawAAAAAAAAAAAAAAAAAAxXtHJQUAAADc65cdBQAAAAAAAAAAAAAAAAA
AAAAAABCDU4AAAAAAAAAAAAAAAAA1i9WEgEAAABQJkkLAQAAAAAAAAAAAAAAQAAAAA
```

```
        AAABAAAAAAAAAA==
      </data>
      <key>ota-updateType</key>
      <data>
      aW5jcmVtZW50YWw=
      </data>
      <key>prev-lang-diags:kbd</key>
      <data>
      ZW4=
      </data>
      <key>prev-lang:kbd</key>
      <data>
      ZW46MjY=
      </data>
      <key>upgrade-boot-volume</key>
      <data>
      RUY1NzM0N0MtMDAwMC1BQTExLUFBMTEtMDAzMDY1NDNFQ0FDOjZFQjZDDQ0EwLTQ1QjUt
      OEM0Qi04RkE0LTgzN0FGQjCRDJCNzo1RjkyMzRDRi1DN0Y0LTQ5NkYtQjVGNC02NDZD
      QTI1MzcxNTc=
      </data>
      <key>usbcfwflasherResult</key>
      <data>
      Tm8gZXJyb3Jz
      </data>
      <key>wlancprops</key>
      <data>
      AQF1BFJBU1AIGhEAAAAAAAACQjEHc2hpa29rdQM2LjUGH0uz8AGz
      </data>
  </dict>
  </plist>
```

IORegistry contents:

Source: /usr/sbin/ioreg -lxw550
Size: 2,1 MB (2.144.115 bytes)
Last Modified: 11/06/2025, 10:18
Recent Contents: +-o Root <class IORegistryEntry, id 0x100000100, retain 28>
                 | {
                 | "IOKitBuildVersion" = "Darwin Kernel Version 24.5.0: Tue Apr 22 19:48:46 PDT 2025; root:xnu-11417.121.6~2/
                 RELEASE_ARM64_T8103"
                 | "OS Build Version" = "24F74"
                 | "OSKernelCPUSubtype" = 0xfffffffc0000002
                 | "OSKernelCPUType" = 0x100000c
                 | "OSPrelinkKextCount" = 0x5
                 | "IORegistryPlanes" =
                 {"IOPort"="IOPort","IOPower"="IOPower","IOService"="IOService","IOAccessory"="IOAccessory","IOUSB"="IOUSB","Core
                 Capture"="CoreCapture","WiFiDKCoreCapture"="WiFiDKCoreCapture","IODeviceTree"="IODeviceTree"}
                 | "IOConsoleLocked" = No
                 | "IOConsoleUsers" =
                 ({"kCGSSessionOnConsoleKey"=Yes,"kSCSecuritySessionID"=0x186b2,"kCGSSessionSystemSafeBoot"=No,"kCGSessionL
                 oginDoneKey"=Yes,"kCGSSessionIDKey"=0x101,"kCGSSessionUserNameKey"="frisowempe","kCGSSessionGroupIDKey"=0
                 x14,"CGSSessionUniqueSessionUUID"="F13CC367-CBED-4351-AD45-
                 FB15B21D84F3","kCGSSessionLongUserNameKey"="Friso
                 Wempe","kCGSSessionAuditIDKey"=0x186b2,"kCGSSessionLoginwindowSafeLogin"=No,"kCGSSessionUserIDKey"=0x1f5})
                 | "IOKitDiagnostics" = {"Instance allocation"=0xb95560,"Container allocation"=0x76f546,"Pageable
                 allocation"=0xe4310000,"Classes"={"AppleJPEGWrapperControlV8"=0x0,"KDISecondaryEncoding"=0x0,"RTBuddyFirmwar
                 eBundle"=0x0,"ApplePMPThermal"=0x0,"IOSkywalkPacketPoller"=0x0,"IOGPUKernelMappedMemory"=0x1,"IOAVBStreamC
                 aptureUserClient"=0x0,"IOPMPowerStateQueue"=0x1,"AppleSPUVD6287"=0x0,"AppleConvergedIPCDevice"=0x1,"IosaEnh
                 ancementPipeUnitMSR9"=0x0,"IOPMServiceInterestNotifier"=0x98,"IOPerfControlWorkContext"=0x40,"IOAVService"=0x0,
                 "IOBlockStorageD$
                 | }
                 |
                 +-o J313AP <class IOPlatformExpertDevice, id 0x10000021f, registered, matched, active, busy 0 (119338 ms), retain 35>
                 | {
                 | "IOPolledInterface" = "AppleARMWatchdogTimerHibernateHandler is not serializable"
                 | "#address-cells" = <02000000>
                 | "AAPL,phandle" = <01000000>
                 | "serial-number" = <43303248313137523451364c3400000000000000000000000000000000000000000000>
                 | "IOBusyInterest" = "IOCommand is not serializable"
                 | "target-type" = <4a33313300>
                 | "platform-name" = <7438313033300000000000000000000000000000000000000000000000000000000000000>
                 | "name" = <6465766963652d7472656500>
                 | "secure-root-prefix" = <6d6400>
                 | "region-info" = <4e2f41000000000000000000000000000000000000000000000000000000000>
                 | "manufacturer" = <4170706c6520496e632e00>
                 | "target-sub-type" = <4a333133415000>
                 | "compatible" = <4a3331334150004d6163426f6f6b41697231302c31004170706c6541524d00>
                 | "config-number" =
                 <0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
                 0000000000000000000000000000000000000000000>
                 | "IOPlatformSerialNumber" = "C02H17R4Q6L4"
                 | "regulatory-model-number" = <413233333700000000000000000000000000000000000000000000000000000000000000>
                 | "time-stamp" = <54756520417072 22032322031393a34303a303620504454203230323500>
                 | "clock-frequency" = <00366e01>
                 | "model" = <4d6163426f6f6b41697231302c3100>
                 | "mlb-serial-number" = <4330323135313333030394a51324454415600000000000000000000000000000000000>
                 | "model-number" = <4d474e3633300000000000000000000000000000000000000000000000000000000000>
                 | "device-tree-tag" = <456d626564646564446576696365547265732d393734372e3132312e3100>
                 | "IOConsoleSecurityInterest" = "IOCommand is not serializable"

| "IONWInterrupts" = "IONWInterrupts"
| "model-config" =
<414d503b4d6f5045443d30783638344446384347354245463734433131314135414334423935333236353546413 83
23837463143>
| "device_type" = <626f6f74726f6d00>
| "#size-cells" = <02000000>
| "IOPlatformUUID" = "7E97DBAB-AB4A-5894-BB6C-8D84F5BC693C"
| }
|
+-o options <class IODTNVRAM, id 0x100000220, registered, matched, active, busy 0 (82 ms), retain 18>
| | {
| | "BluetoothInfo" =
<020e44657369676e6e6572204d6f7573650a02687a081053aa1081c0004ed3ac4d69bd7d847f270e0701ca96db7b16d209
1100f1c2d86ef7cad1614148bcd1cb98dbdd040205080b083eb39daf84f7776505025e04060102>
| | "fmm-mobileme-token-FMM" =
<62706c6973743030de0102030405060708090a0b0c0d0e0f1017180f191a0f1b1c1d1e1f215f100f756e726567697374657
253746174655875736572496e666f5961757468546f6b656e5e726f6f74566f6c756d65555549445e64697361626c6543
6f6e74657874567573657269645f10106c6173744964656e7469747954696d65d655d656e61626c65436f6e74657874575 7
365726e616d6558706572736f6e49445761646454696d6564556477569645f1012656e61626c656544417461636c6173736
5735f101364617461636c61737350726f7f6f72746965573100d31112131415165f1015496e6573654f776e6572244697370 6
c61794e616d655f1013496$
| | "IDInstallerDataV2" =
<e00c62706c6973743030a4010c1216d502030405060708090a0b533130330004e6305136533530f4e00e335313157637
261736865645f10166b6579207265636f766572279206173730044e001616e74586170706c6520696453323030d4004de
b0d0e0f1015130513256700025e001656455636c65616e56323348353237d5070822e00611130f1415513357757067726
164655563234453236331ce02a15170f181951345f100f736f66747677617265520757064617465555323446373430 80d181c20
22262a2c344d565a6365676e6e747b86889097a2a4b6001001ce010100f29e1a00f6e30000bc0600000000000000>
| | "prev-lang:kbd" = <656e3a3236>
| | "LocationServicesEnabled" = <01>
| | "fmm-mobileme-token-FMM-BridgeHasAccount" = <42726964676548617461636f756e7456616c7565>
| | "boot-volume" =
<45463537333437432d303030302d414131312d414131312d30303033306353433454341433a36454236434341302d34
3542352d384334422d384641342d38333374146423042443242373a42384636363742392d363346302d343945422d d3
93234372d343135334137344536394238>
| | "lts-persistance" =
<010000000000400246b000000000000000000000000000c57b472505000000dceb971d05000000000000000000000
000000000000000000420d4e000000000000000000000000d62f5612010000005026490b010000000000000
00000000010000000000000100000000000000>
| | "upgrade-boot-volume" =
<45463537333437432d303030302d414131312d414131312d30303033306353433454341433a36454236434341302d34
3542352d384334422d384641342d38333374146423042443242373a35463932333343462d433746342d343936462d d4
23546342d36343634341323533373131537>
| | "fmm-computer-name" = <467269736fe2809973204d6163426f6f6b20416972>
| | "SystemAudioVolumeExtension" = <4f03>
| | "prev-lang-diags:kbd" = <656e>
| | "bluetoothExternalDongleFailed" = <00>
| | "failboot-breadcrumbs" =
<3c424f4f543e203230303232202320303032382831292034303164303030322023203030323428363529203c434f4d4d49
543e20>
| | "wlancprops" = <010175045241535081a11000000000000024231077368696b6f6b7503362e35061f4bb3f001b3>
| | "auto-boot" = <74727565>
| | "BluetoothUHEDevices" = <d45763d0d7d30004>
| | "ota-updateType" = <696e6372656d656e74616c>
| | "display-crossbar0" =
<000010000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
000000000000000000000000000000000000000000000000000000000000000000000000000>
| | "SystemAudioVolume" = <80>
| | "usbcfwflasherResult" = <4e6f206572726f7273>
| | "bluetoothInternalControllerInfo" = <0000000000000000d45763d0d7d3>
| | }
| |
| +-o IODTNVRAMDiags <class IODTNVRAMDiags, id 0x100000221, registered, matched, active, busy 0 (66 ms), retain
6>
| | {
| | "SystemUsed" = 0x1805
| | "Version" = 0x3
| | "Generation" = 0x263
| | "Stats" =
{"02:LocationServicesEnabled"={"Read"=0x2,"Init"=0xfffffe93483d89cd,"Size"=0xfffffe93483d89cd,"Present"=Yes},"02:I
OPlatformSleepAction"={"Present"=No,"Read"=0x2},"01:ota-controllerVersion"={"Present"=No,"Read"=0x26},"02:ota-
retry-uptime"={"Present"=No,"Read"=0x14},"02:restore-retry-warnings"={"Present"=No,"Read"=0x14},"02:ota-step-
battery-level"={"Present"=No,"Read"=0x14},"02:preferred-count"={"Present"=No,"Read"=0x2},"02:restore-retry-
ids"={"Present"=No,"Read"=0x14},"02:tbt-options"={"Present"=No,"Read"=0x2},"02:restore-$
| | "CommonUsed" = 0x5ea
| | }
| |
| +-o IODTNVRAMPlatformNotifier <class IODTNVRAMPlatformNotifier, id 0x100000222, registered, matched, active,
busy 0 (66 ms), retain 6>
| | {
| | "IOPlatformWakeAction" = 0x3e8
| | }
| |
| +-o options-system <class IODTNVRAMVariables, id 0x100000223, registered, matched, active, busy 0 (65 ms), retain
6>
| | {
| | "ota-updateType" = <696e6372656d656e74616c>
| | "auto-boot" = <74727565>
| | "wlancprops" =
<010175045241535081a11000000000000024231077368696b6f6b7503362e35061f4bb3f001b3>

  | | "boot-volume" =
<45463537333437432d303030302d414131312d414131312d30303333303635343345343341433a36454236434341302d34
3542352d384334422d384641342d38333741464423042443242373a42384636363742392d363346302d343945422d3
93234372d343135334137344536394238>
  | | "lts-persistance" =
<0100000000000400246b0000000000000000000000000000000c57b472505000000dceb971d0500000000000000000000
00000000000000000000420d4e00000000000000000000000000000d62f5612010000005026490b010000000000000000
000000001000000000000000100000000000000>
  | | "fmm-mobileme-token-FMM" =
<62706c6973743030de0102030405060708090a0b0c0d0e0f1017180f191a0f1b1c1d1e1f215f100f756e726567697374657
2537461746558575736572496e666f5961757468546f6b656e5e726f6f74566f6c756d65555549445e64697361626c6543
6f6e7465587457657573657269645f10106c6173744964656e7469747954696d655d656e61626c65436f6e7465578745857
365726e616d6558657065736f6e73736f6e74657865736f6e736f736f5f3736
5735f101364617461636c61737350726f706572746965735731000d31112131415165f1015496e5573654f776e657244697370 6
c61794e616d655f10134$
  | | "BluetoothInfo" =
<020e44657369676e6e6572204d6f7573650a02687a081053aa1081c0004ed3ac4d69bd7d847f270e0701ca96db7b16d209
1100f1c2d86ef7cad1614148bcd1cb98dbdd040205080b083eb39daf84f7776505025e04060102>
  | | "failboot-breadcrumbs" =
<3c424f4f543e20323030323220323030323382831292034303164303030322032303032342836352920 3c434f4d4d49
543e20>
  | | "fmm-mobileme-token-FMM-BridgeHasAccount" = <42726964674654861734163636f756e7456616c7565>
  | | "prev-lang:kbd" = <656e3a3236>
  | | "upgrade-boot-volume" =
<45463537333437432d303030302d414131312d414131312d30303333303635343345343341433a36454236434341302d34
3542352d384334422d384641342d38333741464423042443242373a35463932333443462d433746342d343936462d4
23546342d363436434132353337313537>
  | | "SystemAudioVolumeExtension" = <4f03>
  | | "BluetoothUHEDevices" = <d45763d0d7d30004>
  | | "fmm-computer-name" = <467269736e6fe2809973204d6163426f6f6b20416972>
  | | "SystemAudioVolume" = <80>
  | | }
  | |
  | +-o options-common <class IODTNVRAMVariables, id 0x100000224, registered, matched, active, busy 0 (65 ms),
retain 6>
  | {
  | "bluetoothInternalControllerInfo" = <0000000000000000d45763d0d7d3>
  | "IDInstallerDataV2" =
<e00c62706c6973743030a4010c1216d502030405060708090a0b533130330004e6305136533530f4e00e33513157637
261736865645f10166b6579207265636f76657279206173730044e001616e74586f1706c6520696453323230306d4004de
b0d0e0f10115130513256700025e001656455636c65616e56323348353237d5070822e00611130f1415513357757067726
1646556323445323633181ce02a15170f181951345f100f736f66747761726532075706461746655 3234463734080d181c20
22262a2c344d565a6365676e e747b86889097a2a4b6001001ce010100f29e1a00f6e30000bc0600000000000000>
  | "usbcfwflasherResult" = <4e6f206572726f7273>
  | "prev-lang-diags:kbd" = <656e>
  | "bluetoothExternalDongleFailed" = <00>
  | "LocationServicesEnabled" = <01>
  | "display-crossbar0" =
<0000100000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
000000000000000000000000000000000000000000000000000000000000000000000000000000000000000>
  | }
  |
  +-o AppleARMPE <class AppleARMPE, id 0x100000225, registered, matched, active, busy 0 (100289 ms), retain 37>
  | | {
  | | "IOClass" = "AppleARMPE"
  | | "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
  | | "IOProviderClass" = "IOPlatformExpertDevice"
  | | "IOProbeScore" = 0x3e8
  | | "IONameMatch" = "AppleARM"
  | | "IOMatchedAtBoot" = Yes
  | | "IOMatchCategory" = "IODefaultMatchCategory"
  | | "IOPlatformMaxBusDelay" = (0xffffffffffffffff,0x0)
  | | "IONameMatched" = "AppleARM"
  | | "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
  | | "Platform Memory Ranges" = (0x0,0xffffffff)
  | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
  | | "IOFunctionParent00000001" = <>
  | | }
  | |
  | +-o IOSystemStateNotification <class IOSystemStateNotification, id 0x100000229, registered, matched, active, busy 0
(14 ms), retain 7>
  | | {
  | | "com.apple.iokit.pm.sleepdescription" = {"com.apple.iokit.pm.sleepreason"="Maintenance
Sleep","com.apple.iokit.pm.hibernatestate"=<00000000>}
  | | "com.apple.iokit.pm.wakedescription" = {"com.apple.iokit.pm.wakereason"="smc.70070000 lid
SMC.OutboxNotEmpty","com.apple.iokit.pm.wakedescription.continuous-time-offset"=0x0}
  | | "com.apple.iokit.pm.powersourcedescription" = {"com.apple.iokit.pm.acattached"=No}
  | | }
  | |
  | +-o IOPMrootDomain <class IOPMrootDomain, id 0x10000022a, registered, matched, active, busy 0 (1506 ms), retain
178>
  | | | {
  | | | "Last Sleep Options" = {"Sleep Reason"="Notification Wake Back to Sleep"}
  | | | "Wake Type" = "UserActivity Assertion"
  | | | "IOPMUserTriggeredFullWake" = Yes
  | | | "Supported Features" =
{"WakeByCalendarDate"=0x1f70007,"MaintenanceWakeCalendarDate"=0x1f80007,"SleepServiceWakeCalendarKey"=0x1f9
0007,"PowerByCalendarDate"=0x1fa0007,"PowerRelativeToShutdown"=0x1fc0007,"WakeOnMagicPacket"=0x1fe0007,"Wak
eRelativeToSleep"=0x1fb0007,"AdaptiveDimming"=0x1f60007,"Hibernation"=0x1f50007}

||| "IOPreviewBuffer" = ({"address"=0xfffffe9b4f35c000,"length"=0xfb4000})
||| "DriverPMAssertionsDetailed" =
({"Assertions"=0x1,"ModifiedTime"=0x6849381d00066e23,"Owner"="com.apple.pci.hostBridge.preventSleep","RegistryE
ntryID"=0x0,"CreatedTime"=0x0,"Level"=0x0,"ID"=0x1f4},
{"Assertions"=0x1,"ModifiedTime"=0x6846903d00009c44,"Owner"="com.apple.pci.hostBridge.preventSleep","RegistryEn
tryID"=0x0,"CreatedTime"=0x0,"Level"=0x0,"ID"=0x1f5},
{"Assertions"=0x1,"ModifiedTime"=0x6846903d00000e59,"Owner"="com.apple.pci.hostBridge.preventSleep","RegistryEn
tryID"=0x0,"CreatedTime"=0x0,"Level"=0x0,"ID"=0x1f6},{"Assertions"$
||| "IOHibernateState" = <00000000>
||| "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x4,"CurrentPowerState"=0x4,"CapabilityFlags"=0x2,"MaxPowerState"=
0x4}
||| "Standby Enabled" = Yes
||| "IOPMSystemSleepType" = 0x7
||| "IOAppPowerStateInterest" = "IOCommand is not serializable"
||| "System Capabilities" = 0xf
||| "BootSessionUUID" = "9DA136E1-E225-4A2C-89E8-7BB37A7F475A"
||| "IOUserClientClass" = "RootDomainUserClient"
||| "Hibernate Mode" = 0x3
||| "Hibernate File" = "/var/vm/sleepimage"
||| "AppleClamshellCausesSleep" = Yes
||| "AppleClamshellState" = No
||| "SleepDisabled" = No
||| "DestroyFVKeyOnStandby" = No
||| "Last Sleep Reason" = "Maintenance Sleep"
||| "SystemPowerProfileOverrideDict" = {}
||| "DriverPMAssertions" = 0x0
||| "IOPMSystemSleepParameters" =
<02000000070000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000>
||| "Hibernate File Min" = 0x40000000
||| "IOPMUserIsActive" = Yes
||| "SleepRequestedByPID" = 0x147
||| "IOPriorityPowerStateInterest" = "IOCommand is not serializable"
||| "IOGeneralInterest" = "IOCommand is not serializable"
||| "Wake Reason" = "smc.70070000 lid SMC.OutboxNotEmpty"
||| "SleepWakeUUID" = "7F7EDD22-C87A-497D-8EB8-CF474DF7CE9B"
||| "IOSleepSupported" = Yes
|||}
|||
|| +-o IORootParent <class IORootParent, id 0x10000022b, !registered, !matched, active, busy 0, retain 7>
||| {
||| "IOPowerManagement" = {"WQ-CheckForWork"=0x556a3,"WQ-
ScanEntries"=0x3ac12,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"WQ-
QueueEmpty"=0x82,"DevicePowerState"=0x1,"WQ-
NoWorkDone"=0x256,"ChildrenPowerState"=0x0,"CurrentPowerState"=0x1}
||| }
|||
|| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000a97, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientDefaultLocking" = Yes
||| "IOUserClientCreator" = "pid 314, logd"
||| "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
||| "IOUserClientEntitlements" = No
||| "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000a9a, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientDefaultLocking" = Yes
||| "IOUserClientCreator" = "pid 338, watchdogd"
||| "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
||| "IOUserClientEntitlements" = No
||| "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000a9b, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientDefaultLocking" = Yes
||| "IOUserClientCreator" = "pid 353, opendirectoryd"
||| "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
||| "IOUserClientEntitlements" = No
||| "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000a9f, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientDefaultLocking" = Yes
||| "IOUserClientCreator" = "pid 359, securityd"
||| "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
||| "IOUserClientEntitlements" = No
||| "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000aa3, !registered, !matched, active, busy 0,
retain 5>

```
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 352, thermalmonitord"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000aae, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 327, powerd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000ab1, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 327, powerd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000ab3, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 327, powerd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000ac4, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 316, UserEventAgent"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000aca, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 358, usbmuxd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000ad0, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 385, WindowServer"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000b06, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 396, airportd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000b5e, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 385, WindowServer"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000b71, !registered, !matched, active, busy 0,
retain 5>
```

```
|||  {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 361, locationd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000b78, !registered, !matched, active, busy 0,
retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 415, symptomsd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000b93, !registered, !matched, active, busy 0,
retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 327, powerd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000b9a, !registered, !matched, active, busy 0,
retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 380, corebrightnessd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000b9c, !registered, !matched, active, busy 0,
retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 504, appleh13camerad"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000ba0, !registered, !matched, active, busy 0,
retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 355, apsd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000bd8, !registered, !matched, active, busy 0,
retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 388, loginwindow"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000c23, !registered, !matched, active, busy 0,
retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 388, loginwindow"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000c2b, !registered, !matched, active, busy 0,
retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 377, bluetoothd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000c3b, !registered, !matched, active, busy 0,
retain 5>
```

```
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 508, UVCAssistant"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000c58, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 388, loginwindow"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000c7b, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 575, wifip2pd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000c89, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 582, rapportd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000c9b, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 598, identityservices"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000c9f, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 584, usernoted"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000ca3, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 584, usernoted"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000ca9, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 616, awdd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000caa, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 589, usernotification"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000cab, !registered, !matched, active, busy 0,
retain 5>
```

```
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 589, usernotification"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000caf, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 618, NotificationCent"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000cb8, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 603, homed"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000cc3, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 641, imagent"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000cc7, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 628, sharingd"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000cc8, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 388, loginwindow"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000cca, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 628, sharingd"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000ccc, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 385, WindowServer"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000ccf, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 649, SystemUIServer"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000cdd, !registered, !matched, active, busy 0,
retain 5>
```

```
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 650, Finder"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000ceb, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 646, ContinuityCaptur"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000cf8, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 678, audioaccessoryd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000d0f, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 636, Google Chrome"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000d13, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 628, sharingd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000d15, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 647, ControlCenter"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000d28, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 753, avconferenced"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000d2a, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 762, com.apple.dock.e"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000d3c, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 603, homed"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000d52, !registered, !matched, active, busy 0,
retain 5>
```

```
|||  {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 803, corespeechd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000d54, !registered, !matched, active, busy 0,
retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 591, ARDAgent"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000d6f, !registered, !matched, active, busy 0,
retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 642, Passwords"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000d7f, !registered, !matched, active, busy 0,
retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 820, passd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000dd7, !registered, !matched, active, busy 0,
retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 884, systemstats"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000dd9, !registered, !matched, active, busy 0,
retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 901, AirPlayUIAgent"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000de1, !registered, !matched, active, busy 0,
retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 907, SwitchResX Daemo"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000df2, !registered, !matched, active, busy 0,
retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 897, PasswordsMenuBar"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000e2b, !registered, !matched, active, busy 0,
retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 924, com.apple.WebKit"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000e37, !registered, !matched, active, busy 0,
retain 5>
```

```
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 833, diagnostics_agen"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000e3e, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 355, apsd"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100000e62, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 605, accountsd"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100001680, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 1328, Google Chrome He"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100001e9d, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 319, mediaremoted"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x1000021d3, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 1828, wifivelocityd"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100002298, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 619, familycircled"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000426f, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 3979, IMAutomaticHisto"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100004f82, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 4926, PowerChime"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100004ff1, !registered, !matched, active, busy 0,
retain 5>
```

```
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 5008, PerfPowerService"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100004ffc, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 5008, PerfPowerService"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100005570, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 5388, bluetoothuserd"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100005b60, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 650, Finder"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x1000069fb, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 618, NotificationCent"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000712b, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 7913, searchpartyusera"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100007e67, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 9317, assistantd"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x1000081f3, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 642, Passwords"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x1000081f4, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 642, Passwords"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100008ee3, !registered, !matched, active, busy 0,
retain 5>
```

```
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 11302, Google Drive"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100008fe4, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 11415, heard"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100008fe6, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 11415, heard"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x100009b68, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 11867, routined"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000a16f, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 12099, netbiosd"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000a208, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 385, WindowServer"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000a214, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 12211, biometrickitd"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000a22e, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 12224, com.apple.hiserv"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000a23b, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 678, audioaccessoryd"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000a255, !registered, !matched, active, busy 0,
retain 5>
```

```
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 12269, callservicesd"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000a257, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 12263, calaccessd"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000a258, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 12263, calaccessd"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000a27a, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 12234, AssetCache"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000a3fe, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 12511, ScreenTimeAgent"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000a43c, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 12538, tipsd"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000a68e, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 13242, systemsoundserve"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000a694, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 13697, CommCenter"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000a695, !registered, !matched, active, busy 0,
retain 5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 13697, CommCenter"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000a696, !registered, !matched, active, busy 0,
retain 5>
```

```
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 13697, CommCenter"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000a6e8, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 13818, appleaccountd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000a6f4, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 13823, donotdisturbd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000a6f5, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 13824, findmylocateagen"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000a710, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 13837, AppleIDSettings"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000a723, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 13856, softwareupdated"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000a763, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 355, apsd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000a76e, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = Yes
|||    "IOUserClientCreator" = "pid 13896, cupsd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o RootDomainUserClient  <class RootDomainUserClient, id 0x10000a772, !registered, !matched, active, busy 0,
retain 5>
||    {
||       "IOUserClientDefaultLocking" = Yes
||       "IOUserClientCreator" = "pid 13902, dataaccessd"
||       "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
||       "IOUserClientEntitlements" = No
||       "IOUserClientDefaultLockingSetProperties" = Yes
||    }
||
| +-o cpu0@0  <class IOPlatformDevice, id 0x10000022d, registered, matched, active, busy 0 (170 ms), retain 7>
|||{
```

||| "fixed-frequency" = <00366e0100000000>
||| "logical-cluster-id" = 0x0
||| "coresight-reg" = <000001100200000000000040000000000>
||| "clock-frequency" = <00366e01>
||| "state" = <72756e6e696e6700>
||| "l2-cache-size" = <00004000>
||| "interrupt-parent" = <67000000>
||| "function-error_handler" = <2500000048727245000000000>
||| "interrupts" = <46000000>
||| "timebase-frequency" = <00366e01>
||| "logical-cpu-id" = 0x0
||| "cpu-impl-reg" = <0000051002000000000010000000000>
||| "function-enable_core" = <7e00000065726f4301000000>
||| "cluster-id" = <00000000>
||| "l2-cache-id" = <00000000>
||| "IOInterruptControllers" = ("IOInterruptController00000067")
||| "memory-frequency" = <00366e0100000000>
||| "cpm-impl-reg" = <0000e41002000000000010000000000>
||| "cpu-uttdbg-reg" = <0000041002000000000010000000000>
||| "peripheral-frequency" = <00366e0100000000>
||| "AAPL,phandle" = <16000000>
||| "cpu-id" = <00000000>
||| "name" = <6370753000>
||| "cluster-type" = <4500>
||| "no-aic-ipi-required" = <>
||| "device_type" = <63707500>
||| "compatible" = <6170706c652c69636573746f726d0041524d2c763800>
||| "reg-private" = <0000011002000000>
||| "reg" = <00000000>
||| "acc-impl-reg" = <0000f01002000000000050000000000>
||| "bus-frequency" = <00366e01>
||| "function-cpu_idle" = <7e00000049757063>
||| "IOInterruptSpecifiers" = (<46000000>)
|||}
|||
|| +-o AppleARMCPU <class AppleARMCPU, id 0x10000025e, registered, matched, active, busy 0 (0 ms), retain 7>
|| |{
|| | "IOClass" = "AppleARMCPU"
|| | "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
|| | "IOProviderClass" = "IOPlatformDevice"
|| | "IOProbeScore" = 0x64
|| | "IONameMatch" = "cpu"
|| | "IOMatchedAtBoot" = Yes
|| | "IOMatchCategory" = "IODefaultMatchCategory"
|| | "IOCPUID" = 0x10000025e
|| | "IONameMatched" = "cpu"
|| | "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
|| | "IOCPUState" = "Running"
|| | "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
|| | "IOCPUNumber" = 0x0
|| |}
|| |
|| +-o IOCPUInterruptController <class IOCPUInterruptController, id 0x10000025f, registered, matched, active, busy 0
(0 ms), retain 7>
|| {
|| "IOPlatformInterruptController" = Yes
|| }
||
|+-o cpu1@1 <class IOPlatformDevice, id 0x10000022e, registered, matched, active, busy 0 (186 ms), retain 7>
|||{
||| "cluster-type" = <4500>
||| "IOInterruptSpecifiers" = (<49000000>)
||| "AAPL,phandle" = <17000000>
||| "cpu-id" = <01000000>
||| "bus-frequency" = <00366e01>
||| "acc-impl-reg" = <0000f01002000000000050000000000>
||| "logical-cluster-id" = 0x0
||| "IOInterruptControllers" = ("IOInterruptController00000067")
||| "no-aic-ipi-required" = <>
||| "l2-cache-size" = <00004000>
||| "function-error_handler" = <2500000048727245010000000>
||| "cpu-uttdbg-reg" = <0000141002000000000010000000000>
||| "interrupt-parent" = <67000000>
||| "name" = <6370753100>
||| "l2-cache-id" = <00000000>
||| "compatible" = <6170706c652c69636573746f726d0041524d2c763800>
||| "interrupts" = <49000000>
||| "reg-private" = <0000111002000000>
||| "state" = <77616974696e6700>
||| "function-enable_core" = <7e00000065726f4302000000>
||| "cluster-id" = <00000000>
||| "clock-frequency" = <00366e01>
||| "cpu-impl-reg" = <0000151002000000000010000000000>
||| "timebase-frequency" = <00366e01>
||| "function-cpu_idle" = <7e00000049757063>
||| "coresight-reg" = <000011100200000000000040000000000>
||| "device_type" = <63707500>
||| "logical-cpu-id" = 0x1
||| "reg" = <01000000>
||| "cpm-impl-reg" = <0000e41002000000000010000000000>

```
| | | }
| | |
| | +-o AppleARMCPU  <class AppleARMCPU, id 0x100000276, registered, matched, active, busy 0 (6 ms), retain 6>
| |   {
| |     "IOClass" = "AppleARMCPU"
| |     "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
| |     "IOProviderClass" = "IOPlatformDevice"
| |     "IOProbeScore" = 0x64
| |     "IONameMatch" = "cpu"
| |     "IOMatchedAtBoot" = Yes
| |     "IOMatchCategory" = "IODefaultMatchCategory"
| |     "IOCPUID" = 0x100000276
| |     "IONameMatched" = "cpu"
| |     "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
| |     "IOCPUState" = "Running"
| |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
| |     "IOCPUNumber" = 0x1
| |   }
| |
| +-o cpu2@2  <class IOPlatformDevice, id 0x10000022f, registered, matched, active, busy 0 (179 ms), retain 7>
| | | {
| | |   "cluster-type" = <4500>
| | |   "IOInterruptSpecifiers" = (<4c000000>)
| | |   "AAPL,phandle" = <18000000>
| | |   "cpu-id" = <02000000>
| | |   "bus-frequency" = <00366e01>
| | |   "acc-impl-reg" = <0000f01002000000000050000000000>
| | |   "logical-cluster-id" = 0x0
| | |   "IOInterruptControllers" = ("IOInterruptController00000067")
| | |   "no-aic-ipi-required" = <>
| | |   "l2-cache-size" = <00004000>
| | |   "function-error_handler" = <25000000487272450200000>
| | |   "cpu-uttdbg-reg" = <0000241002000000000010000000000>
| | |   "interrupt-parent" = <67000000>
| | |   "name" = <6370753200>
| | |   "l2-cache-id" = <00000000>
| | |   "compatible" = <6170706c652c69636573746f726d0041524d2c763800>
| | |   "interrupts" = <4c000000>
| | |   "reg-private" = <0000211002000000>
| | |   "state" = <77616974696e6700>
| | |   "function-enable_core" = <7e00000065726f4304000000>
| | |   "cluster-id" = <00000000>
| | |   "clock-frequency" = <00366e01>
| | |   "cpu-impl-reg" = <0000251002000000000010000000000>
| | |   "timebase-frequency" = <00366e01>
| | |   "function-cpu_idle" = <7e00000049757063>
| | |   "coresight-reg" = <00002110020000000000040000000000>
| | |   "device_type" = <63707500>
| | |   "logical-cpu-id" = 0x2
| | |   "reg" = <02000000>
| | |   "cpm-impl-reg" = <0000e41002000000000010000000000>
| | | }
| | |
| | +-o AppleARMCPU  <class AppleARMCPU, id 0x100000265, registered, matched, active, busy 0 (2 ms), retain 6>
| |   {
| |     "IOClass" = "AppleARMCPU"
| |     "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
| |     "IOProviderClass" = "IOPlatformDevice"
| |     "IOProbeScore" = 0x64
| |     "IONameMatch" = "cpu"
| |     "IOMatchedAtBoot" = Yes
| |     "IOMatchCategory" = "IODefaultMatchCategory"
| |     "IOCPUID" = 0x100000265
| |     "IONameMatched" = "cpu"
| |     "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
| |     "IOCPUState" = "Running"
| |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
| |     "IOCPUNumber" = 0x2
| |   }
| |
| +-o cpu3@3  <class IOPlatformDevice, id 0x100000230, registered, matched, active, busy 0 (179 ms), retain 7>
| | | {
| | |   "cluster-type" = <4500>
| | |   "IOInterruptSpecifiers" = (<4f000000>)
| | |   "AAPL,phandle" = <19000000>
| | |   "cpu-id" = <03000000>
| | |   "bus-frequency" = <00366e01>
| | |   "acc-impl-reg" = <0000f01002000000000050000000000>
| | |   "logical-cluster-id" = 0x0
| | |   "IOInterruptControllers" = ("IOInterruptController00000067")
| | |   "no-aic-ipi-required" = <>
| | |   "l2-cache-size" = <00004000>
| | |   "function-error_handler" = <25000000487272450300000>
| | |   "cpu-uttdbg-reg" = <0000341002000000000010000000000>
| | |   "interrupt-parent" = <67000000>
| | |   "name" = <6370753300>
| | |   "l2-cache-id" = <00000000>
| | |   "compatible" = <6170706c652c69636573746f726d0041524d2c763800>
| | |   "interrupts" = <4f000000>
| | |   "reg-private" = <0000311002000000>
```

||| "state" = <77616974696e6700>
||| "function-enable_core" = <7e00000065726f4308000000>
||| "cluster-id" = <00000000>
||| "clock-frequency" = <00366e01>
||| "cpu-impl-reg" = <0000351002000000000010000000000>
||| "timebase-frequency" = <00366e01>
||| "function-cpu_idle" = <7e00000049757063>
||| "coresight-reg" = <0000311002000000000040000000000>
||| "device_type" = <63707500>
||| "logical-cpu-id" = 0x3
||| "reg" = <03000000>
||| "cpm-impl-reg" = <0000e410020000000000010000000000>
|||}
|||
|| +-o AppleARMCPU <class AppleARMCPU, id 0x100000264, registered, matched, active, busy 0 (3 ms), retain 6>
|| {
|| "IOClass" = "AppleARMCPU"
|| "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
|| "IOProviderClass" = "IOPlatformDevice"
|| "IOProbeScore" = 0x64
|| "IONameMatch" = "cpu"
|| "IOMatchedAtBoot" = Yes
|| "IOMatchCategory" = "IODefaultMatchCategory"
|| "IOCPUID" = 0x100000264
|| "IONameMatched" = "cpu"
|| "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
|| "IOCPUState" = "Running"
|| "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
|| "IOCPUNumber" = 0x3
|| }
||
| +-o cpu4@100 <class IOPlatformDevice, id 0x100000231, registered, matched, active, busy 0 (176 ms), retain 7>
|||{
||| "cluster-type" = <5000>
||| "IOInterruptSpecifiers" = (<63000000>)
||| "AAPL,phandle" = <1a000000>
||| "cpu-id" = <04000000>
||| "bus-frequency" = <00366e01>
||| "acc-impl-reg" = <0000f011020000000000050000000000>
||| "logical-cluster-id" = 0x1
||| "IOInterruptControllers" = ("IOInterruptController00000067")
||| "no-aic-ipi-required" = <>
||| "l2-cache-size" = <00008000>
||| "function-error_handler" = <25000000487272450400000>
||| "cpu-uttdbg-reg" = <00000411020000000000010000000000>
||| "interrupt-parent" = <67000000>
||| "name" = <6370753400>
||| "l2-cache-id" = <00000000>
||| "compatible" = <6170706c652c6669726573746f726d0041524d2c763800>
||| "interrupts" = <63000000>
||| "reg-private" = <0000011102000000>
||| "state" = <77616974696e6700>
||| "function-enable_core" = <7e00000065726f4310000000>
||| "cluster-id" = <01000000>
||| "clock-frequency" = <00366e01>
||| "cpu-impl-reg" = <0000051102000000000010000000000>
||| "timebase-frequency" = <00366e01>
||| "function-cpu_idle" = <7e00000049757063>
||| "coresight-reg" = <00000111020000000000040000000000>
||| "device_type" = <63707500>
||| "logical-cpu-id" = 0x4
||| "reg" = <00010000>
||| "cpm-impl-reg" = <0000e41102000000000010000000000>
|||}
|||
|| +-o AppleARMCPU <class AppleARMCPU, id 0x100000263, registered, matched, active, busy 0 (0 ms), retain 6>
|| {
|| "IOClass" = "AppleARMCPU"
|| "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
|| "IOProviderClass" = "IOPlatformDevice"
|| "IOProbeScore" = 0x64
|| "IONameMatch" = "cpu"
|| "IOMatchedAtBoot" = Yes
|| "IOMatchCategory" = "IODefaultMatchCategory"
|| "IOCPUID" = 0x100000263
|| "IONameMatched" = "cpu"
|| "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
|| "IOCPUState" = "Running"
|| "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
|| "IOCPUNumber" = 0x4
|| }
||
| +-o cpu5@101 <class IOPlatformDevice, id 0x100000232, registered, matched, active, busy 0 (174 ms), retain 7>
|||{
||| "cluster-type" = <5000>
||| "IOInterruptSpecifiers" = (<66000000>)
||| "AAPL,phandle" = <1b000000>
||| "cpu-id" = <05000000>
||| "bus-frequency" = <00366e01>
||| "acc-impl-reg" = <0000f011020000000000050000000000>

```
|||   "logical-cluster-id" = 0x1
|||   "IOInterruptControllers" = ("IOInterruptController00000067")
|||   "no-aic-ipi-required" = <>
|||   "l2-cache-size" = <00008000>
|||   "function-error_handler" = <2500000048727245050000000>
|||   "cpu-uttdbg-reg" = <00001411020000000000010000000000>
|||   "interrupt-parent" = <67000000>
|||   "name" = <6370753500>
|||   "l2-cache-id" = <00000000>
|||   "compatible" = <6170706c652c6669726573746f726d0041524d2c763800>
|||   "interrupts" = <66000000>
|||   "reg-private" = <0000111102000000>
|||   "state" = <77616974696e6700>
|||   "function-enable_core" = <7e00000065726f4320000000>
|||   "cluster-id" = <01000000>
|||   "clock-frequency" = <00366e01>
|||   "cpu-impl-reg" = <00001511020000000000010000000000>
|||   "timebase-frequency" = <00366e01>
|||   "function-cpu_idle" = <7e00000049757063>
|||   "coresight-reg" = <00001111020000000000040000000000>
|||   "device_type" = <63707500>
|||   "logical-cpu-id" = 0x5
|||   "reg" = <01010000>
|||   "cpm-impl-reg" = <0000e41102000000000010000000000>
|||}
|||
|| +-o AppleARMCPU  <class AppleARMCPU, id 0x100000261, registered, matched, active, busy 0 (0 ms), retain 6>
||   {
||     "IOClass" = "AppleARMCPU"
||     "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
||     "IOProviderClass" = "IOPlatformDevice"
||     "IOProbeScore" = 0x64
||     "IONameMatch" = "cpu"
||     "IOMatchedAtBoot" = Yes
||     "IOMatchCategory" = "IODefaultMatchCategory"
||     "IOCPUID" = 0x100000261
||     "IONameMatched" = "cpu"
||     "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
||     "IOCPUState" = "Running"
||     "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
||     "IOCPUNumber" = 0x5
||   }
||
| +-o cpu6@102  <class IOPlatformDevice, id 0x100000233, registered, matched, active, busy 0 (173 ms), retain 7>
|||{
|||   "cluster-type" = <5000>
|||   "IOInterruptSpecifiers" = (<69000000>)
|||   "AAPL,phandle" = <1c000000>
|||   "cpu-id" = <06000000>
|||   "bus-frequency" = <00366e01>
|||   "acc-impl-reg" = <0000f01102000000000050000000000>
|||   "logical-cluster-id" = 0x1
|||   "IOInterruptControllers" = ("IOInterruptController00000067")
|||   "no-aic-ipi-required" = <>
|||   "l2-cache-size" = <00008000>
|||   "function-error_handler" = <2500000048727245060000000>
|||   "cpu-uttdbg-reg" = <00002411020000000000010000000000>
|||   "interrupt-parent" = <67000000>
|||   "name" = <6370753600>
|||   "l2-cache-id" = <00000000>
|||   "compatible" = <6170706c652c6669726573746f726d0041524d2c763800>
|||   "interrupts" = <69000000>
|||   "reg-private" = <0000211102000000>
|||   "state" = <77616974696e6700>
|||   "function-enable_core" = <7e00000065726f4340000000>
|||   "cluster-id" = <01000000>
|||   "clock-frequency" = <00366e01>
|||   "cpu-impl-reg" = <00002511020000000000010000000000>
|||   "timebase-frequency" = <00366e01>
|||   "function-cpu_idle" = <7e00000049757063>
|||   "coresight-reg" = <00002111020000000000040000000000>
|||   "device_type" = <63707500>
|||   "logical-cpu-id" = 0x6
|||   "reg" = <02010000>
|||   "cpm-impl-reg" = <0000e41102000000000010000000000>
|||}
|||
|| +-o AppleARMCPU  <class AppleARMCPU, id 0x100000260, registered, matched, active, busy 0 (0 ms), retain 6>
||   {
||     "IOClass" = "AppleARMCPU"
||     "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
||     "IOProviderClass" = "IOPlatformDevice"
||     "IOProbeScore" = 0x64
||     "IONameMatch" = "cpu"
||     "IOMatchedAtBoot" = Yes
||     "IOMatchCategory" = "IODefaultMatchCategory"
||     "IOCPUID" = 0x100000260
||     "IONameMatched" = "cpu"
||     "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
||     "IOCPUState" = "Running"
```

```
||      "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
||      "IOCPUNumber" = 0x6
||    }
||
| +-o cpu7@103  <class IOPlatformDevice, id 0x100000234, registered, matched, active, busy 0 (175 ms), retain 7>
||| {
|||   "cluster-type" = <5000>
|||   "IOInterruptSpecifiers" = (<6c000000>)
|||   "AAPL,phandle" = <1d000000>
|||   "cpu-id" = <07000000>
|||   "bus-frequency" = <00366e01>
|||   "acc-impl-reg" = <0000f01102000000000050000000000>
|||   "logical-cluster-id" = 0x1
|||   "IOInterruptControllers" = ("IOInterruptController00000067")
|||   "no-aic-ipi-required" = <>
|||   "l2-cache-size" = <00008000>
|||   "function-error_handler" = <2500000048727245070000000>
|||   "cpu-uttdbg-reg" = <0000341102000000000010000000000>
|||   "interrupt-parent" = <67000000>
|||   "name" = <6370753700>
|||   "l2-cache-id" = <00000000>
|||   "compatible" = <6170706c652c6669726573746f726d0041524d2c763800>
|||   "interrupts" = <6c000000>
|||   "reg-private" = <0000311102000000>
|||   "state" = <77616974696e6700>
|||   "function-enable_core" = <7e00000065726f4380000000>
|||   "cluster-id" = <01000000>
|||   "clock-frequency" = <00366e01>
|||   "cpu-impl-reg" = <0000351102000000000010000000000>
|||   "timebase-frequency" = <00366e01>
|||   "function-cpu_idle" = <7e00000049757063>
|||   "coresight-reg" = <0000311102000000000040000000000>
|||   "device_type" = <63707500>
|||   "logical-cpu-id" = 0x7
|||   "reg" = <03010000>
|||   "cpm-impl-reg" = <0000e41102000000000010000000000>
||| }
|||
|| +-o AppleARMCPU  <class AppleARMCPU, id 0x100000262, registered, matched, active, busy 0 (0 ms), retain 6>
||    {
||      "IOClass" = "AppleARMCPU"
||      "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
||      "IOProviderClass" = "IOPlatformDevice"
||      "IOProbeScore" = 0x64
||      "IONameMatch" = "cpu"
||      "IOMatchedAtBoot" = Yes
||      "IOMatchCategory" = "IODefaultMatchCategory"
||      "IOCPUID" = 0x100000262
||      "IONameMatched" = "cpu"
||      "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
||      "IOCPUState" = "Running"
||      "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
||      "IOCPUNumber" = 0x7
||    }
||
| +-o cpus  <class IOPlatformDevice, id 0x100000235, registered, matched, active, busy 0 (14 ms), retain 14>
||   {
||     "max_cpus" = <08000000>
||     "p-core-count" = <04000000>
||     "e-core-count" = <04000000>
||     "#address-cells" = <01000000>
||     "#size-cells" = <00000000>
||     "name" = <6370757300>
||     "AAPL,phandle" = <15000000>
||   }
||
| +-o pram@E6758000  <class IOPlatformDevice, id 0x100000236, registered, matched, active, busy 0 (23 ms), retain 6>
||   {
||     "IODeviceMemory" = (({"address"=0x9e6758000,"length"=0x188000}))
||     "reg" = <008075e609000000000080180000000000>
||     "name" = <7072616d00>
||     "AAPL,phandle" = <20000000>
||     "device_type" = <7072616d00>
||   }
||
| +-o vram@E2638000  <class IOPlatformDevice, id 0x100000237, registered, matched, active, busy 0 (23 ms), retain 7>
||   {
||     "IODeviceMemory" = (({"address"=0x9e2638000,"length"=0x2d5c000}))
||     "reg" = <008063e20900000000c0d50200000000>
||     "name" = <7672616d00>
||     "AAPL,phandle" = <21000000>
||     "device_type" = <7672616d00>
||   }
||
| +-o socd-trace-ram@3FE5B014  <class IOPlatformDevice, id 0x100000238, registered, matched, active, busy 0 (24 ms), retain 6>
||   {
||     "IODeviceMemory" = (({"address"=0x23fe5b014,"length"=0x31c}))
```

```
||    "reg" = <14b0e53f020000001c03000000000000>
||    "name" = <736f63642d74726163652d72616d00>
||    "AAPL,phandle" = <22000000>
||    "device_type" = <736f63642d74726163652d72616d00>
||  }
||
| +-o hibernate@1  <class IOPlatformDevice, id 0x100000239, registered, matched, active, busy 0 (23 ms), retain 6>
||  {
||    "reg" = <010000000000200001000000000000001900000074062000cb01000000000000>
||    "hmac-reg-base" = <0000053502000000>
||    "IODeviceMemory" = ()
||    "pmgr-aes-offset" = <3802000000000000>
||    "pmgr-reg-base" = <0000703b02000000>
||    "device_type" = <68696265726e61746500>
||    "AAPL,phandle" = <23000000>
||    "name" = <68696265726e61746500>
||  }
||
| +-o amfm  <class IOPlatformDevice, id 0x10000023a, registered, matched, active, busy 0 (427 ms), retain 7>
|||{
|||  "default-options" = <04000000>
|||  "function-pcie_port_control" = <4200000043747250043000000>
|||  "function-reg_on" = <9b00000034574b706430506700008000>
|||  "name" = <616d666d00>
|||  "AAPL,phandle" = <24000000>
|||  "device_type" = <616d666d00>
|||}
|||
|| +-o AppleMultiFunctionManager  <class AppleMultiFunctionManager, id 0x100000317, registered, matched, active, busy 0 (1 ms), retain 9>
||  {
||    "IOClass" = "AppleMultiFunctionManager"
||    "CFBundleIdentifier" = "com.apple.driver.AppleMultiFunctionManager"
||    "IOProviderClass" = "IOPlatformDevice"
||    "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8002,"MaxPowerState"=0x1,"DriverPowerState"=0x0}
||    "forceProbeOnLinkdown" = No
||    "manual_s2r_port_ctrl" = Yes
||    "IONameMatch" = "amfm"
||    "valid_clients" =
("AppleBCMWLANPortInterfacePCIe","AppleOLYHALPortInterfacePCIe","AppleOLYHALPortInterfacePCIeV3","IOService")
||    "IOMatchCategory" = "AppleMultiFunctionManager"
||    "IOProbeScore" = 0x0
||    "IOMatchedAtBoot" = Yes
||    "IOGeneralInterest" = "IOCommand is not serializable"
||    "LoggingBundleName" = "com.apple.driver.AppleMultiFunctionManager"
||    "IONameMatched" = "amfm"
||    "IOPersonalityPublisher" = "com.apple.driver.AppleMultiFunctionManager"
||    "constants" = {"wlan_reg_on_on_delay"=0x78,"wlan_reg_on_off_delay"=0x78}
||    "CFBundleIdentifierKernel" = "com.apple.driver.AppleMultiFunctionManager"
||    "CoreWiFiDriverSuspendedKey" = "false"
||    "CoreWiFiDriverReadyKey" = "true"
||  }
||
| +-o arm-io@10F00000  <class IOPlatformDevice, id 0x10000023b, registered, matched, active, busy 0 (99445 ms), retain 140>
|||{
|||  "iommu-present" = <>
|||  "AAPL,phandle" = <25000000>
|||  "#address-cells" = <02000000>
|||  "IODeviceMemory" = (({"address"=0x210f00000,"length"=0x2000}),({"address"=0x211f00000,"length"=0x2000}),
({"address"=0x210050000,"length"=0x2000}),({"address"=0x210150000,"length"=0x2000}),
({"address"=0x210250000,"length"=0x2000}),({"address"=0x210350000,"length"=0x2000}),
({"address"=0x211050000,"length"=0x2000}),({"address"=0x211150000,"length"=0x2000}),
({"address"=0x211250000,"length"=0x2000}),({"address"=0x211350000,"length"=0x2000}))
|||  "cpm-impl" = <0000e4100200000008000000000000000e4110200000008000000000000000>
|||  "name" = <61726d2d696f00>
|||  "usbphy-frequency" = <00000000>
|||  "acc-impl" = <0000f01002000000020000000000000000f0110200000002000000000000>
|||  "soc-generation" = <48313300>
|||  "compatible" = <61726d2d696f2c743831303300>
|||  "ranges" =
<0000000000000000000000002000000000000000100000000000080030000000000008003000000000000800100
00000000000000500000000000000050000000000008001000000000000004000000000000004000000000000800
000000000000080040000000008004000000000000800000000000000800500000000000080050000000000080000
008000000000000006000000000000060000000000000800000000000000800600000000000080060000000000000
0000008000000000000000a0060000000000000a00600000000000002000000000000000c006000000000000c0060
00000000000400000000000000000000700000000000008000000$
|||  "function-power_gate" = <7e00000047727770>
|||  "function-clock_gate" = <7e000000476b6c63>
|||  "clock-frequencies-regs" =
<00366e601000000c400800000000000c400000000000000740100000000000074000000000000070010000000000
00700200000000000070030000000000007004000000000000700500000000000070060000000000000070070000000
0000070000000000000000000004000000000000000200000243d020000c90400243d020000c90800243d020000c90c0024
3d020000c91000243d020000c91400243d020000c91800243d020000c91c00243d020000c92000243d020000c92400
243d020000c92800243d020000c92c00243d020000c93000243d020000c93400243d020000c93800243d020000c93
c00243d020000c94000243d020000c94400243d02000$
|||  "clock-frequencies-nclk" =
<0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
```

000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000200000
000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000000$
   ||| "clock-frequencies" =
<00366e01008000000000dc020000281100105e5f00c6507fb839f207006fa12b00d2496b00f7cb3c008c8647807c814a0
0366e0100366e010000dc020000281100006e0100006e0100006e0100006e0100006e0100006e0100006e010
0006e0100006e0100006e0100006e0100006e010000281100002811902 4d100000028110000dc02c00c03000
000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
00000000000000000042702a00e9a43500c2eb0b00$
   ||| "chip-revision" = <11000000>
   ||| "fuse-revision" = <0b000000>
   ||| "device_type" = <74383130332d696f00>
   ||| "#size-cells" = <02000000>
   ||| "reg" =
<0000f010020000000200000000000000000f0110200000002000000000000000000510020000000020000000000
000000151002000000002000000000000000002510020000000020000000000000000003510020000000020000000
00000000005110200000000200000000000000000151102000000002000000000000000002511020000000020000000
00000000003511020000000020000000000000>
   |||}
   |||
  || +-o AppleT810xIO <class AppleT810xIO, id 0x10000027b, registered, matched, active, busy 0 (99417 ms), retain
146>
  || |{
  || | "IOClass" = "AppleT810xIO"
  || | "CFBundleIdentifier" = "com.apple.driver.AppleT8101"
  || | "IOProviderClass" = "IOPlatformDevice"
  || | "IOPlatformActiveAction" = 0x13880
  || | "IOPowerManagement" =
{"CapabilityFlags"=0x0,"ChildProxyPowerState"=0xffffffffffffffff,"CurrentPowerState"=0x0}
  || | "IOProbeScore" = 0x0
  || | "IONameMatch" = ("arm-io,t8101","arm-io,t8103")
  || | "IOMatchedAtBoot" = Yes
  || | "IOMatchCategory" = "IODefaultMatchCategory"
  || | "IOFunctionParent00000025" = <>
  || | "IONameMatched" = "arm-io,t8103"
  || | "IOPersonalityPublisher" = "com.apple.driver.AppleT8101"
  || | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8101"
  || |}
  ||
  || +-o spi2@35108000 <class AppleARMIODevice, id 0x10000027c, registered, matched, active, busy 0 (609 ms),
retain 9>
  || ||{
  || || "IOInterruptSpecifiers" = (<68020000>)
  || || "clock-gates" = <33000000>
  || || "AAPL,phandle" = <26000000>
  || || "#address-cells" = <01000000>
  || || "IODeviceMemory" = (({"address"=0x235108000,"length"=0x4000}))
  || || "IOReportLegendPublic" = Yes
  || || "spi-version" = <01000000>
  || || "IOInterruptControllers" = ("IOInterruptController00000067")
  || || "name" = <7370693200>
  || || "interrupt-parent" = <67000000>
  || || "compatible" = <7370692d312c7370696d6300>
  || || "interrupts" = <68020000>
  || || "dma-channels" =
<180000000000000000000008000000040000000000000000000000000000000019000000000000000000000008000
0000400000000000000000000000000000>
  || || "clock-ids" = <7a010000>
  || || "function-spi_cs0" = <010000006c6c756e>
  || || "dma-parent" = <91000000>
  || || "device_type" = <73706900>
  || || "#size-cells" = <07000000>
  || || "reg" = <008010350000000040000000000000>
  || || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
  || ||}
  || ||
  || |+-o AppleSPIMCController <class AppleSPIMCController, id 0x100000301, !registered, !matched, active, busy 0
(241 ms), retain 5>
  || | |{
  || | | "IOClass" = "AppleSPIMCController"
  || | | "CFBundleIdentifier" = "com.apple.driver.AppleSPIMC"
  || | | "IOProviderClass" = "AppleARMIODevice"
  || | | "IOPlatformWakeAction" = 0x1f4
  || | | "IOPlatformSleepAction" = 0x1f4
  || | | "IOProbeScore" = 0x0
  || | | "IONameMatch" = "spi-1,spimc"
  || | | "IOMatchedAtBoot" = Yes
  || | | "IOMatchCategory" = "IODefaultMatchCategory"
  || | | "dma-capable" = Yes
  || | | "Stats" =
{"intrTimeouts"=0x0,"xfer_hist_count"=0x1585,"disb_intrs_active"=0x0,"pollTimeouts"=0x0,"xfer"=(0x0,0x0,0x0,0x0,0x0,0x0,0
x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x1f,0x2f4,0xe97,0x3b6,0xb,0x1,0x0,0x0,0x19,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x

0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x
0,0x0,0x0),"poll"=(0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x
0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,$
  || | | "IONameMatched" = "spi-1,spimc"
  || | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPIMC"
  || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPIMC"
  || | |}
  || | |
  || | +-o mesa@0 <class AppleARMSPIDevice, id 0x100000715, registered, matched, active, busy 0 (241 ms), retain
8>
  || | |{
  || | | "IOInterruptSpecifiers" = (<6800000003000000>)
  || | | "AAPL,phandle" = <27000000>
  || | | "IOReportLegendPublic" = Yes
  || | | "power-on-delay" = <07000000>
  || | | "time-between-scans" = <00000200>
  || | | "mesaType" = <01000000>
  || | | "power-off-delay" = <0a000000>
  || | | "scan-timer-reset-time" = <99990000>
  || | | "IOInterruptControllers" = ("IOInterruptController0000006E")
  || | | "name" = <6d65736100>
  || | | "interrupt-parent" = <6e000000>
  || | | "MesaSelfTest" = "OK"
  || | | "compatible" = <62696f73656e736f722c6d65736100>
  || | | "interrupts" = <6800000003000000>
  || | | "function-hid_event_dispatch" = <1601000044747542>
  || | | "max-scan-time" = <33330100>
  || | | "spi-frequency" = <00127a00>
  || | | "device_type" = <6d65736100>
  || | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IO$
  || | | "reg" = <00000000f40100000010108000000014000000000000000000000000000000>
  || | | "function-mesa_pwr" = <6e0000004f4950476c c00000001010000>
  || | |}
  || | |
  || | +-o AppleSandDollar <class AppleSandDollar, id 0x100000741, registered, matched, active, busy 0 (192 ms),
retain 10>
  || | |{
  || | | "IOClass" = "AppleSandDollar"
  || | | "IOPersonalityPublisher" = "com.apple.driver.AppleBiometricSensor"
  || | | "IOMatchedAtBoot" = Yes
  || | | "IOReportLegendPublic" = Yes
  || | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
  || | | "IOProviderClass" = "AppleARMSPIDevice"
  || | | "mesaType" = 0x2
  || | | "spi-freq" = 0x7a1200
  || | | "IOProbeScore" = 0x64
  || | | "IOUserClientClass" = "AppleMesaUserClient"
  || | | "SensorID" = 0x3352
  || | | "IONameMatch" = ("biosensor,mesa")
  || | | "IOCFPlugInTypes" = {"3F3B04CC-A07A-46A5-9DDF-78768C966771"="AppleBiometricSensor.kext/
Contents/PlugIns/AppleMesaLib.plugin"}
  || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleBiometricSensor"
  || | | "IOMatchCategory" = "IODefaultMatchCategory"
  || | | "CFBundleIdentifier" = "com.apple.driver.AppleBiometricSensor"
  || | | "spi-clock-phase" = 0x3
  || | | "IONameMatched" = "biosensor,mesa"
  || | | "mesa-state" = 0x6
  || | | "SerialNumber" = <0219a0886212be2c8c7818e7fa0100d1>
  || | | "patch-version" = 0x16
  || | | "IOReportLegend" =
({"IOReportGroupName"="Mesa","IOReportChannels"=((0x5053544154450000,0x400020002,"Power
State")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x100007980000018},"IOReportSubGroupName"="Mesa Power
State"},{"IOReportGroupName"="Mesa","IOReportChannels"=((0x7265736574730000,0x180000001,"Total Resets"),
(0x6573647265736574,0x180000001,"ESD Resets"),(0x746f70696e7400,0x180000001,"Total Interrupts"),
(0x7370727320696e74,0x180000001,"Spurious Interrupts"),(0x7370696572726f72,0x180000001,"Total SPI Errors"),(0x$
  || | | "DeviceOpenedByEventSystem" = Yes
  || | | "IOFunctionParent00000027" = <>
  || | |}
  || | |
  || | +-o AppleMesaShim <class AppleMesaShim, id 0x1000007b4, registered, matched, active, busy 0 (189 ms),
retain 7>
  || | ||{
  || | || "IOClass" = "AppleMesaShim"
  || | || "IOPersonalityPublisher" = "com.apple.driver.AppleBiometricSensor"
  || | || "IOMatchedAtBoot" = Yes
  || | || "Built-In" = Yes
  || | || "IOProviderClass" = "AppleMesa"
  || | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0xb},
{"DeviceUsagePage"=0x20,"DeviceUsage"=0x10})
  || | || "IOProbeScore" = 0x0
  || | || "VendorIDSource" = 0x0
  || | || "IOUserClientClass" = "IOHIDEventServiceUserClient"
  || | || "HIDServiceSupport" = Yes
  || | || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}

```
|| |     || "CountryCode" = 0x0
|| |     || "CFBundleIdentifierKernel" = "com.apple.driver.AppleBiometricSensor"
|| |     || "VendorID" = 0x0
|| |     || "VersionNumber" = 0x0
|| |     || "IOMatchCategory" = "IODefaultMatchCategory"
|| |     || "CFBundleIdentifier" = "com.apple.driver.AppleBiometricSensor"
|| |     || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"NotificationCen$
|| |     || "PrimaryUsage" = 0xb
|| |     || "LocationID" = 0x0
|| |     || "ProductID" = 0x0
|| |     || "IOGeneralInterest" = "IOCommand is not serializable"
|| |     || "ReportInterval" = 0x0
|| |     || "PrimaryUsagePage" = 0xff00
|| |     || }
|| |     ||
|| |     | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000ad6, !registered, !
matched, active, busy 0, retain 6>
|| |     |   {
|| |     |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |     |     "IOUserClientDefaultLocking" = Yes
|| |     |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |     |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |     |     "IOUserClientEntitlements" = No
|| |     |     "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x908,"NotificationForce"=0x0,"NotificationCount"=0x22,"head"=0x908},"Enque
ueEventCount"=0x22,"LastEventType"=0x1d,"LastEventTime"=0x7b3fa681c2f}
|| |     |   }
|| |     |
|| |     +-o AppleMesaSEPDriver  <class AppleMesaSEPDriver, id 0x1000008b0, registered, matched, active, busy 0
(201 ms), retain 9>
|| |       {
|| |       | "IOClass" = "AppleMesaSEPDriver"
|| |       | "CFBundleIdentifier" = "com.apple.driver.AppleMesaSEPDriver"
|| |       | "IOProviderClass" = "AppleSEPDeviceService"
|| |       | "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| |       | "ScanningState" = 0x0
|| |       | "IOProbeScore" = 0x3e8
|| |       | "IONameMatch" = "sep-endpoint,sbio"
|| |       | "IOMatchedAtBoot" = Yes
|| |       | "IOMatchCategory" = "com_apple_driver_AppleMesaSEPDriver"
|| |       | "MesaCalBlobSource" = "FDR"
|| |       | "IOGeneralInterest" = "IOCommand is not serializable"
|| |       | "IONameMatched" = "sep-endpoint,sbio"
|| |       | "IOPersonalityPublisher" = "com.apple.driver.AppleMesaSEPDriver"
|| |       | "CFBundleIdentifierKernel" = "com.apple.driver.AppleMesaSEPDriver"
|| |       | }
|| |       |
|| |       +-o AppleBiometricServices  <class AppleBiometricServices, id 0x1000008b5, registered, matched, active,
busy 0 (194 ms), retain 6>
|| |         {
|| |         | "IOProbeScore" = 0x0
|| |         | "CFBundleIdentifier" = "com.apple.driver.AppleBiometricServices"
|| |         | "IOMatchCategory" = "com_apple_driver_AppleBiometricServices"
|| |         | "IOClass" = "AppleBiometricServices"
|| |         | "IOPersonalityPublisher" = "com.apple.driver.AppleBiometricServices"
|| |         | "IOProviderClass" = "AppleMesaSEPDriver"
|| |         | "CFBundleIdentifierKernel" = "com.apple.driver.AppleBiometricServices"
|| |         | "IOMatchedAtBoot" = Yes
|| |         | "IOUserClientClass" = "AppleBiometricServicesUserClient"
|| |         | "IOGeneralInterest" = "IOCommand is not serializable"
|| |         | }
|| |         |
|| |         +-o AppleBiometricServicesUserClient  <class AppleBiometricServicesUserClient, id 0x10000a21d, !
registered, !matched, active, busy 0, retain 5>
|| |             {
|| |               "IOUserClientCreator" = "pid 12211, biometrickitd"
|| |               "IOUserClientDefaultLocking" = Yes
|| |             }
|| |
|| +-o spi3@3510C000  <class AppleARMIODevice, id 0x10000027d, registered, matched, active, busy 0 (81627 ms),
retain 9>
|| ||{
|| || "IOInterruptSpecifiers" = (<69020000>)
|| || "clock-gates" = <34000000>
|| || "AAPL,phandle" = <28000000>
|| || "#address-cells" = <01000000>
|| || "IODeviceMemory" = (({"address"=0x23510c000,"length"=0x4000}))
|| || "IOReportLegendPublic" = Yes
|| || "spi-version" = <01000000>
|| || "IOInterruptControllers" = ("IOInterruptController00000067")
|| || "name" = <7370693300>
|| || "interrupt-parent" = <67000000>
|| || "compatible" = <7370692d312c7370696d6300>
|| || "interrupts" = <69020000>
|| || "dma-channels" =
```

<1a000000000000000000000008000000040000000000000000000000000000001b000000000000000000000008000000040000000000000000000000000000000000>
   || || "clock-ids" = <7b010000>
   || || "function-spi_cs0" = <6e0000004f4950473100000001000000>
   || || "dma-parent" = <91000000>
   || || "device_type" = <73706900>
   || || "#size-cells" = <07000000>
   || || "reg" = <00c010350000000040000000000000000>
   || || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
   || ||}
   || ||
   || | +-o AppleSPIMCController <class AppleSPIMCController, id 0x100000302, !registered, !matched, active, busy 0
(81253 ms), retain 5>
   || | |{
   || | | "IOClass" = "AppleSPIMCController"
   || | | "CFBundleIdentifier" = "com.apple.driver.AppleSPIMC"
   || | | "IOProviderClass" = "AppleARMIODevice"
   || | | "IOPlatformWakeAction" = 0x1f4
   || | | "IOPlatformSleepAction" = 0x1f4
   || | | "IOProbeScore" = 0x0
   || | | "IONameMatch" = "spi-1,spimc"
   || | | "IOMatchedAtBoot" = Yes
   || | | "IOMatchCategory" = "IODefaultMatchCategory"
   || | | "dma-capable" = Yes
   || | | "Stats" =
{"intrTimeouts"=0x0,"xfer_hist_count"=0x1a2d4c,"disb_intrs_active"=0x0,"pollTimeouts"=0x0,"xfer"=(0x0,0x0,0x0,0x0,0x0,0x
0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x28e3,0xfe3,0x2af,0x6,0xd7450,0xc7ce3,0x81,0x1c,0x1,0x0,0x0,0x0,0x0,0x0,0x0,
0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,
0x0,0x0,0x0,0x0,0x0,0x0,0x0),"poll"=(0x3b7b,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,
0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x$
   || | | "IONameMatched" = "spi-1,spimc"
   || | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPIMC"
   || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPIMC"
   || | |}
   || | |
   || | +-o ipd@0 <class AppleARMSPIDevice, id 0x100000734, registered, matched, active, busy 0 (81256 ms), retain
10>
   || | | |{
   || | | "IOInterruptSpecifiers" = (<0d00000001000006>)
   || | | "hid-merge-personality" = <49504400>
   || | | "function-spi_en" = <6e0000004f495047c300000001010100>
   || | | "image-tag" = <66647069>
   || | | "AAPL,phandle" = <29000000>
   || | | "IOReportLegendPublic" = Yes
   || | | "function-enable_cs" = <6e0000004f4950473100000001010000>
   || | | "kblang-calibration" = <0110da3375450000000000000000000000>
   || | | "name" = <69706400>
   || | | "IOInterruptControllers" = ("IOInterruptController00000070")
   || | | "interrupt-parent" = <70000000>
   || | | "bootloader-type" = <48494444657669636500>
   || | | "compatible" = <6869642d7472616e6573706f72742c73706900>
   || | | "interrupts" = <0d00000001000006>
   || | | "reset-sequence" = <66756e6374696f6e2d7370695f656e001e000001>
   || | | "AIDImageDownloadersCreated" = Yes
   || | | "aud-early-boot-critical" = <>
   || | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IO$
   || | | "device_type" = <69706400>
   || | | "reg" = <000000007d000000000001080000000204e0000000000000000000000000000000>
   || | | |}
   || | |
   || | +-o AppleHIDTransportDeviceSPI <class AppleHIDTransportDeviceSPI, id 0x10000073f, registered, matched,
active, busy 0 (81216 ms), retain 16>
   || | ||{
   || | || "IOClass" = "AppleHIDTransportDeviceSPI"
   || | || "CFBundleIdentifier" = "com.apple.driver.AppleHIDTransportSPI"
   || | || "IOProviderClass" = "AppleARMSPIDevice"
   || | || "ResetCount" = 0x0
   || | || "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
   || | || "IOUserClientClass" = "AppleHIDTransportDeviceUserClient"
   || | || "IOProbeScore" = 0x0
   || | || "IONameMatch" = ("hid-transport,k1","hid-transport,spi")
   || | || "IOMatchedAtBoot" = Yes
   || | || "IOMatchCategory" = "IODefaultMatchCategory"
   || | || "IOReportLegend" =
({"IOReportGroupName"="AppleHIDTransport","IOReportChannels"=((0x5245534554434e54,0x101080001,"ResetCount")
,
(0x5754444f47434e54,0x101080001,"WatchdogResetCount")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOR
eportSubGroupName"="DeviceReset"},
{"IOReportGroupName"="AppleHIDTransport","IOReportChannels"=((0x4348505f4641494c,0x101080001,"ChipBootFailur
e"),(0x4657425f4641494c,0x101080001,"FirmwareBootFailure"),

(0x524356445f464149,0x101080001,"RecoveredBootFailures"),(0x4348505f544f0000,0x101080001,"$
  || | || "IOReportLegendPublic" = Yes
  || | || "IONameMatched" = "hid-transport,spi"
  || | || "IOPersonalityPublisher" = "com.apple.driver.AppleHIDTransportSPI"
  || | || "CFBundleIdentifierKernel" = "com.apple.driver.AppleHIDTransportSPI"
  || | ||}
  || | ||
  || | |+-o AppleHIDTransportBootloaderHIDDevice <class AppleHIDTransportBootloaderHIDDevice, id 0x10000079e,
registered, matched, active, busy 0 (4 ms), retain 7>
  || | || {
  || | || "Config" = {"Protocol"="HIDSPI","Device SMC Handler
Config"=("Quiesce","Resume","Restart","Boot","Shutdown","OS Boot"),"Interface
Config"=({"bInterfaceNumber"=0x2,"Reporters"=({"ReportID"=0x7e,"SubgroupName"="Trackpad Power State Time
(ms)","Categories"=("Power"),"Type"="Simple","AbsoluteValues"=Yes,"ReportLength"=0x41,"ClearReportZeroPad"=Yes,"Gr
oupName"="Trackpad Power Stats","Channels"=({"Offset"=0x1,"Name"="Unknown","Type"="Counter","Size"=0x4},
{"Offset"=0x5,"Name"="Active","Type"="Counter","Size"=0x4},{"Offset"=0x9$
  || | || "hid-merge-personality" = "IPD"
  || | || "AHTBootloadLoadImageResult" = 0x0
  || | || "image-tag" = 0x69706466
  || | || "IOUserClientClass" = "AppleHIDTransportBootloaderUserClient"
  || | || "AHTBootloadLoadImageStart" = 0x21ec
  || | || "AHTBootloadLoadImageEnd" = 0x21ec
  || | || "Supports Memory Dump" = No
  || | || "AHTBootloadLoadImageTimeMs" = 0x0
  || | || }
  || | ||
  || | |+-o AppleHIDTransportProtocolHIDSPI <class AppleHIDTransportProtocolHIDSPI, id 0x1000008be, registered,
matched, active, busy 0 (81216 ms), retain 16>
  || | | |{
  || | | | "VendorID" = 0x5ac
  || | | | "Manufacturer" = "Apple Inc."
  || | | | "SerialNumber" = "FM7150602RCN4FTBB+FCM"
  || | | | "IOReportLegendPublic" = Yes
  || | | | "Product" = "Apple Internal Keyboard / Trackpad"
  || | | | "VersionNumber" = 0x935
  || | | | "ProductID" = 0x281
  || | | | "IOReportLegend" =
({"IOReportGroupName"="AppleHIDTransport","IOReportChannels"=((0x0,0x101080001,"ipd.ackSent"),
(0x1,0x101080001,"ipd.nakSent"),(0x2,0x101080001,"ipd.busySent"),(0x3,0x101080001,"ipd.errorSent"),
(0x4,0x101080001,"ipd.ackReceived"),(0x5,0x101080001,"ipd.nakReceived"),(0x6,0x101080001,"ipd.busyReceived"),
(0x7,0x101080001,"ipd.errorReceived"),(0x8,0x101080001,"ipd.invalidAckReceived"),
(0x9,0x101080001,"ipd.transferInvalidCRC"),(0xa,0x101080001,"ipd.transferInvalidLength"),
(0xb,0x101080001,"ipd.transferInva$
  || | | |}
  || | | |
  || | | +-o Device Management <class AppleHIDTransportInterface, id 0x1000008bf, registered, matched, active,
busy 0 (237 ms), retain 8>
  || | | ||{
  || | | || "InterfaceType" = "HID"
  || | | || "IOUserClientClass" = "AppleHIDTransportInterfaceUserClient"
  || | | || "PowerState" = 0x0
  || | | || "MaxInputReportLength" = 0x10
  || | | || "LocationId" = 0x29
  || | | || "InterfaceName" = "Device Management"
  || | | || "SerialNumber" = "FM7150602RCN4FTBB+FCM"
  || | | || "MaxControlReportLength" = 0x400
  || | | || "MaxOutputReportLength" = 0x0
  || | | || "bInterfaceNumber" = 0x0
  || | | || "bCountryCode" = 0x0
  || | | || "HIDDescriptor" = <0600ff090ba1010600ff090b150026ff00750896040085e08122c0>
  || | | ||}
  || | | ||
  || | | |+-o AppleHIDTransportHIDDevice <class AppleHIDTransportHIDDevice, id 0x1000008c0, registered,
matched, active, busy 0 (216 ms), retain 8>
  || | | | |{
  || | | | | "IOMatchedAtBoot" = Yes
  || | | | | "PrimaryUsagePage" = 0xff00
  || | | | | "MaxInputReportSize" = 0x5
  || | | | | "IOUserClientClass" = "IOHIDLibUserClient"
  || | | | | "VersionNumber" = 0x935
  || | | | | "ReportDescriptor" = <0600ff090ba1010600ff090b150026ff00750896040085e08122c0>
  || | | | | "VendorID" = 0x5ac
  || | | | | "Built-In" = Yes
  || | | | | "MaxFeatureReportSize" = 0x1
  || | | | | "Product" = "Apple Internal Keyboard / Trackpad"
  || | | | | "Transport" = "SPI"
  || | | | | "Elements" =
({"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"Elements"=({"VariableSiz
e"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0xff00,"Max"=0xff,"IsArray"=No,"Type"=0x1,"Size"=0x20,"Min"
=0x0,"Flags"=0x22,"ReportID"=0xe0,"Usage"=0xb,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"ReportSize"=0x20,
"HasPreferredState"=No,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0xff,"ElementCookie"=0x6}),"
UsagePage"=0xff00,"Usage"=0xb},{"VariableSize"=0x0,"UnitE$
  || | | | | "IOPropertyMatch" = {"InterfaceType"="HID"}
  || | | | | "ExtendedData" =
(0x30109a1,0x30209a1,0x30309a1,0x30409a1,0x33409a1,0x3b009a1,0x3b109a1,0x3b209a1,0x3b309a1,0x3b609a1,0x3bd
09a1,0x3d409a1)
  || | | | | "Manufacturer" = "Apple Inc."
  || | | | | "ProductID" = 0x281
  || | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleHIDTransport"
  || | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0xb})

```
|| |  |  |  |  "InputReportElements" =
({"ReportID"=0xe0,"ElementCookie"=0x7,"Size"=0x28,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x
0,"ReportSize"=0x28,"Usage"=0x0})
 || |  |  |  |  "ReportInterval" = 0x1f40
 || |  |  |  |  "CFBundleIdentifier" = "com.apple.driver.AppleHIDTransport"
 || |  |  |  |  "MaxOutputReportSize" = 0x1
 || |  |  |  |  "ModelNumber" = "MacBookAir10,1"
 || |  |  |  |  "IOProviderClass" = "AppleHIDTransportInterface"
 || |  |  |  |  "IOCFPlugInTypes" = {"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
 || |  |  |  |  "IOReportLegendPublic" = Yes
 || |  |  |  |  "LocationID" = 0x29
 || |  |  |  |  "IOClass" = "AppleHIDTransportHIDDevice"
 || |  |  |  |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleHIDTransport"
 || |  |  |  |  "PrimaryUsage" = 0xb
 || |  |  |  |  "CountryCode" = 0x0
 || |  |  |  |  "DeviceOpenedByEventSystem" = Yes
 || |  |  |  |  "IOReportLegend" = ({"IOReportGroupName"="IOHIDDevice Input Report
Errors","IOReportChannels"=((0xe0,0x100020001,"Report
224")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="Input Report IDs"})
 || |  |  |  |  "IOMatchCategory" = "IODefaultMatchCategory"
 || |  |  |  |  "IOProbeScore" = 0x0
 || |  |  |  |  |}
 || |  |  |  |
 || |  |  |  +-o IOHIDInterface  <class IOHIDInterface, id 0x1000008d4, registered, matched, active, busy 0 (214 ms),
retain 9>
 || |  |  |  |{
 || |  |  |  |  "Transport" = "SPI"
 || |  |  |  |  "Built-In" = Yes
 || |  |  |  |  "Manufacturer" = "Apple Inc."
 || |  |  |  |  "Product" = "Apple Internal Keyboard / Trackpad"
 || |  |  |  |  "MaxInputReportSize" = 0x5
 || |  |  |  |  "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0xb})
 || |  |  |  |  "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
 || |  |  |  |  "MaxOutputReportSize" = 0x1
 || |  |  |  |  "ReportDescriptor" = <0600ff090ba1010600ff090b150026ff00750896040085e08122c0>
 || |  |  |  |  "CountryCode" = 0x0
 || |  |  |  |  "VendorID" = 0x5ac
 || |  |  |  |  "VersionNumber" = 0x935
 || |  |  |  |  "IOServiceDEXTEntitlements" =
(("com.apple.developer.driverkit.transport.hid","com.apple.developer.driverkit.builtin"))
 || |  |  |  |  "PrimaryUsage" = 0xb
 || |  |  |  |  "LocationID" = 0x29
 || |  |  |  |  "ProductID" = 0x281
 || |  |  |  |  "ModelNumber" = "MacBookAir10,1"
 || |  |  |  |  "ReportInterval" = 0x1f40
 || |  |  |  |  "PrimaryUsagePage" = 0xff00
 || |  |  |  |  "DeviceOpenedByEventSystem" = Yes
 || |  |  |  |  "MaxFeatureReportSize" = 0x1
 || |  |  |  |  |}
 || |  |  |  |
 || |  |  |  +-o AppleDeviceManagementHIDEventService  <class AppleDeviceManagementHIDEventService, id
0x1000008d9, registered, matched, active, busy 0 (185 ms), retain 9>
 || |  |  |  |{
 || |  |  |  |  "IOClass" = "AppleDeviceManagementHIDEventService"
 || |  |  |  |  "MTFW Version" = 0x530
 || |  |  |  |  "Transport" = "SPI"
 || |  |  |  |  "StandardType" = 0x0
 || |  |  |  |  "IOPersonalityPublisher" = "com.apple.driver.AppleTopCaseDriverV2"
 || |  |  |  |  "IOMatchedAtBoot" = Yes
 || |  |  |  |  "Built-In" = Yes
 || |  |  |  |  "Manufacturer" = "Apple Inc."
 || |  |  |  |  "IOProviderClass" = "IOHIDInterface"
 || |  |  |  |  "Product" = "Apple Internal Keyboard / Trackpad"
 || |  |  |  |  "WakeReason" = "Host (0x01)"
 || |  |  |  |  "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0xb})
 || |  |  |  |  "IOProbeScore" = 0x1c07
 || |  |  |  |  "VendorIDSource" = 0x0
 || |  |  |  |  "HIDServiceSupport" = Yes
 || |  |  |  |  "CountryCode" = 0x0
 || |  |  |  |  "VendorID" = 0x5ac
 || |  |  |  |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleTopCaseHIDEventDriver"
 || |  |  |  |  "VersionNumber" = 0x935
 || |  |  |  |  "IOMatchCategory" = "IODefaultMatchCategory"
 || |  |  |  |  "CFBundleIdentifier" = "com.apple.driver.AppleTopCaseHIDEventDriver"
 || |  |  |  |  "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000),"Notific$
 || |  |  |  |  "PrimaryUsage" = 0xb
 || |  |  |  |  "LocationID" = 0x29
 || |  |  |  |  "ProductID" = 0x281
 || |  |  |  |  "SerialNumber" = "FM7150602RCN4FTBB+FCM"
 || |  |  |  |  "IOGeneralInterest" = "IOCommand is not serializable"
 || |  |  |  |  "ReportInterval" = 0x1f40
 || |  |  |  |  "PrimaryUsagePage" = 0xff00
```

```
|| |   | |   | | "STFW Version" = 0x935
|| |   | |   | | "ProductIDArray" = (0x281)
|| |   | |   | | "ColorID" = 0x2
|| |   | |   | |}
|| |   | |   | |
|| |   | |   | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000ad3, !registered, !
matched, active, busy 0, retain 6>
|| |   | |   |     {
|| |   | |   |       "IOUserClientDefaultLockingSetProperties" = Yes
|| |   | |   |       "IOUserClientDefaultLocking" = Yes
|| |   | |   |       "IOUserClientCreator" = "pid 385, WindowServer"
|| |   | |   |       "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |   | |   |       "IOUserClientEntitlements" = No
|| |   | |   |       "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
|| |   | |   |     }
|| |   | |   |
|| |   | |   +-o Keyboard / Boot  <class AppleHIDTransportInterface, id 0x1000008c1, registered, matched, active, busy 0
(542 ms), retain 8>
|| |   | |   | |{
|| |   | |   | || "InterfaceType" = "HID"
|| |   | |   | || "IOUserClientClass" = "AppleHIDTransportInterfaceUserClient"
|| |   | |   | || "PowerState" = 0x0
|| |   | |   | || "MaxInputReportLength" = 0xa
|| |   | |   | || "LocationId" = 0x29
|| |   | |   | || "InterfaceName" = "Keyboard / Boot"
|| |   | |   | || "SerialNumber" = "FM7150602RCN4FTBB+FCM"
|| |   | |   | || "MaxControlReportLength" = 0x400
|| |   | |   | || "MaxOutputReportLength" = 0x0
|| |   | |   | || "bInterfaceNumber" = 0x1
|| |   | |   | || "bCountryCode" = 0xd
|| |   | |   | || "HIDDescriptor" =
<05010906a1018501050719e029e715002501750195088102950175088101950575010508190129059102950175039101 9
5067508150026ff000507190029ff8100050c7501950109b815002501810205ff0903750795018102c0050c0901a1018552
15002501750195010 9cd810209b3810209b4810209b5810209b68102810181018101850915002501750895010601ff090b
b10275089502b101c00600ff0906a1010600ff0906150026ff0075089540853f8122c0>
|| |   | |   | |}
|| |   | |   | ||
|| |   | |   +-o AppleHIDTransportHIDDevice  <class AppleHIDTransportHIDDevice, id 0x1000008c2, registered,
matched, active, busy 0 (525 ms), retain 8>
|| |   | |   | |{
|| |   | |   | | "IOMatchedAtBoot" = Yes
|| |   | |   | | "PrimaryUsagePage" = 0x1
|| |   | |   | | "MaxInputReportSize" = 0x41
|| |   | |   | | "IOUserClientClass" = "IOHIDLibUserClient"
|| |   | |   | | "VersionNumber" = 0x935
|| |   | |   | | "ReportDescriptor" =
<05010906a1018501050719e029e715002501750195088102950175088101950575010508190129059102950175039101 9
5067508150026ff000507190029ff8100050c7501950109b815002501810205ff0903750795018102c0050c0901a1018552
15002501750195010 9cd810209b3810209b4810209b5810209b68102810181018101850915002501750895010601ff090b
b10275089502b101c00600ff0906a1010600ff0906150026ff0075089540853f8122c0>
|| |   | |   | | "VendorID" = 0x5ac
|| |   | |   | | "Built-In" = Yes
|| |   | |   | | "MaxFeatureReportSize" = 0x4
|| |   | |   | | "RequiresTCCAuthorization" = Yes
|| |   | |   | | "Product" = "Apple Internal Keyboard / Trackpad"
|| |   | |   | | "Transport" = "SPI"
|| |   | |   | | "Elements" =
({"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"Elements"=({"VariableSiz
e"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x7,"Max"=0x1,"IsArray"=No,"Type"=0x2,"Size"=0x1,"Min"=0x0,
"Flags"=0x8000002,"ReportID"=0x1,"Usage"=0xe0,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"ReportSize"=0x1,"
HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0x1,"ElementCookie"=0xe},
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"Usag$
|| |   | |   | | "IOPropertyMatch" = {"InterfaceType"="HID"}
|| |   | |   | | "Manufacturer" = "Apple Inc."
|| |   | |   | | "ProductID" = 0x281
|| |   | |   | | "IOPersonalityPublisher" = "com.apple.driver.AppleHIDTransport"
|| |   | |   | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0x1,"DeviceUsage"=0x6},
{"DeviceUsagePage"=0xc,"DeviceUsage"=0x1},{"DeviceUsagePage"=0xff00,"DeviceUsage"=0x6})
|| |   | |   | | "InputReportElements" =
({"ReportID"=0x1,"ElementCookie"=0x12b,"Size"=0x50,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0
x0,"ReportSize"=0x50,"Usage"=0x0},
{"ReportID"=0x52,"ElementCookie"=0x12c,"Size"=0x10,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=
0x0,"ReportSize"=0x10,"Usage"=0x0},
{"ReportID"=0x9,"ElementCookie"=0x12d,"Size"=0x8,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x
0,"ReportSize"=0x8,"Usage"=0x0},{"ReportID"=0x3f,"ElementCookie"=0x12e,"Size"=0x208,"ReportCou$
|| |   | |   | | "ReportInterval" = 0x1f40
|| |   | |   | | "CFBundleIdentifier" = "com.apple.driver.AppleHIDTransport"
|| |   | |   | | "MaxOutputReportSize" = 0x2
|| |   | |   | | "ModelNumber" = "MacBookAir10,1"
|| |   | |   | | "IOProviderClass" = "AppleHIDTransportInterface"
|| |   | |   | | "IOCFPlugInTypes" = {"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| |   | |   | | "IOReportLegendPublic" = Yes
|| |   | |   | | "LocationID" = 0x29
|| |   | |   | | "IOClass" = "AppleHIDTransportHIDDevice"
|| |   | |   | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleHIDTransport"
|| |   | |   | | "PrimaryUsage" = 0x6
|| |   | |   | | "CountryCode" = 0xd
```

```
|| |   | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| |   | | | | "IOReportLegend" = ({"IOReportGroupName"="IOHIDDevice Input Report
Errors","IOReportChannels"=((0x1,0x100020001,"Report 1"),(0x52,0x100020001,"Report 82"),(0x9,0x100020001,"Report
9"),(0x3f,0x100020001,"Report
63")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="Input Report IDs"})
|| |   | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| |   | | | | "DeviceOpenedByEventSystem" = Yes
|| |   | | | | "IOProbeScore" = 0x0
|| |   | | | | "FirstInputReceived" = Yes
|| |   | | | |}
|| |   | | |
|| |   | | +-o IOHIDInterface  <class IOHIDInterface, id 0x1000008cb, registered, matched, active, busy 0 (415 ms),
retain 9>
|| |   | | | |{
|| |   | | | | "Transport" = "SPI"
|| |   | | | | "Built-In" = Yes
|| |   | | | | "Manufacturer" = "Apple Inc."
|| |   | | | | "Product" = "Apple Internal Keyboard / Trackpad"
|| |   | | | | "MaxInputReportSize" = 0x41
|| |   | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0x1,"DeviceUsage"=0x6},
{"DeviceUsagePage"=0xc,"DeviceUsage"=0x1},{"DeviceUsagePage"=0xff00,"DeviceUsage"=0x6})
|| |   | | | | "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
|| |   | | | | "MaxOutputReportSize" = 0x2
|| |   | | | | "ReportDescriptor" =
<05010906a1018501050719e029e715002501750195088102950175088101950575010508190129059102950175039101 9
50675081500260ff000507190029ff8100050c7501950109b815002501810205ff0903750795018102c0050c0901a10185 52
150025017501950109cd810209b3810209b4810209b5810209b68102810181018101850915002501750895010601ff090b
b10275089502b101c00600ff0906a1010600ff0906150026ff0075089540853f8122c0>
|| |   | | | | "CountryCode" = 0xd
|| |   | | | | "VendorID" = 0x5ac
|| |   | | | | "VersionNumber" = 0x935
|| |   | | | | "IOServiceDEXTEntitlements" =
(("com.apple.developer.driverkit.transport.hid","com.apple.developer.driverkit.builtin"))
|| |   | | | | "IODEXTMatchCount" = 0x1
|| |   | | | | "PrimaryUsage" = 0x6
|| |   | | | | "LocationID" = 0x29
|| |   | | | | "ProductID" = 0x281
|| |   | | | | "ModelNumber" = "MacBookAir10,1"
|| |   | | | | "ReportInterval" = 0x1f40
|| |   | | | | "PrimaryUsagePage" = 0x1
|| |   | | | | "DeviceOpenedByEventSystem" = Yes
|| |   | | | | "MaxFeatureReportSize" = 0x4
|| |   | | | |}
|| |   | | |
|| |   | | +-o AppleHIDKeyboardEventDriverV2  <class AppleHIDKeyboardEventDriverV2, id 0x1000008dc,
registered, matched, active, busy 0 (184 ms), retain 8>
|| |   | | | |{
|| |   | | | | "LocationID" = 0x29
|| |   | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleTopCaseDriverV2"
|| |   | | | | "Keyboard" =
{"Elements"=({"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x7,"Max"=0x1,"IsArray"=No,"Type"
=0x2,"Size"=0x1,"Min"=0x0,"Flags"=0x8000002,"ReportID"=0x1,"Usage"=0xe0,"ReportCount"=0x1,"Unit"=0x0,"HasNullSt
ate"=No,"ReportSize"=0x1,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0
x1,"ElementCookie"=0xe},
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x7,"Max"=0x1,"IsArray"=No,"Type"=0x2,"Size"=0
x1,"Min"=0x0,"Flags"=0x8000002,"$
|| |   | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| |   | | | | "CapsLockLanguageSwitch" = No
|| |   | | | | "HIDServiceSupport" = Yes
|| |   | | | | "ProductIDArray" = (0x281)
|| |   | | | | "FnKeyboardUsageMap" =
"0x00070050,0x0007004a,0x00070052,0x0007004b,0x0007002a,0x0007004c,0x0007004f,0x0007004d,0x00070051,0x
0007004e,0x00070028,0x00070058"
|| |   | | | | "VersionNumber" = 0x935
|| |   | | | | "IOMatchedAtBoot" = Yes
|| |   | | | | "Built-In" = Yes
|| |   | | | | "IOProbeScore" = 0x1c07
|| |   | | | | "FnFunctionUsageMap" =
"0x0007003a,0x00ff0005,0x0007003b,0x00ff0004,0x0007003c,0xff010010,0x0007003d,0x000c0221,0x0007003e,0x00
0c00cf,0x0007003f,0x0001009b,0x00070040,0x000c00b4,0x00070041,0x000c00cd,0x00070042,0x000c00b3,0x00070
043,0x000c00e2,0x00070044,0x000c00ea,0x00070045,0x000c00e9"
|| |   | | | | "IOClass" = "AppleHIDKeyboardEventDriverV2"
|| |   | | | | "FnFunctionTable" = {"no-fn-
cl"=<1616>,"fn"=<01060207031104190518061707a080c090b0a0d0b0e0c0f>,"fn-
cl"=<01060207031104190518061707a080c090b0a0d0b0e0c0f1616>,"fn-right-to-
left"=<0107020603110419051806170 7a080c090b0a0f0b0e0c0d>}
|| |   | | | | "GameControllerPointer" =
{"Elements"=({"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x8,"Max"=0x1,"IsArray"=No,"Type"
=0x81,"Size"=0x1,"Min"=0x0,"Flags"=0x8000002,"ReportID"=0x1,"Usage"=0x1,"ReportCount"=0x1,"Unit"=0x0,"HasNullSta
te"=No,"ReportSize"=0x1,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0x
1,"ElementCookie"=0x123},
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x8,"Max"=0x1,"IsArray"=No,"Type"=0x81,"Size"=
0x1,"Min"=0x0,"Fl$
|| |   | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| |   | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |   | | | | "KBLanguageTable" = ({"StandardType"=0x1},{"fn-type"="fn","StandardType"=0x1},{"fn-
type"="fn","StandardType"=0x1},{"fn-type"="fn","StandardType"=0x2},{"fn-type"="fn","StandardType"=0x1},{"fn-
type"="fn","StandardType"=0x0},{"fn-type"="fn","StandardType"=0x1},{"fn-type"="fn","StandardType"=0x1},{"fn-
type"="fn","StandardType"=0x1},{"fn-type"="fn","StandardType"=0x1},{"fn-type"="fn","StandardType"=0x1},{"fn-
```

type="=fn-cl","StandardType"=0x0},{"fn-type"="fn","StandardType"=0x1},{"fn-type"="fn","StandardType"=0x1},{"fn$
|| | | | | "Product" = "Apple Internal Keyboard / Trackpad"
|| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleHIDKeyboard"
|| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| | | | | "FnModifierUsage" = 0x3
|| | | | | "AppleVendorSupported" = Yes
|| | | | | "ReportInterval" = 0x1f40
|| | | | | "VendorID" = 0x5ac
|| | | | | "StandardType" = 0x1
|| | | | | "KeyboardEnabled" = Yes
|| | | | | "PrimaryUsagePage" = 0x1
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleHIDKeyboard"
|| | | | | "SupportsGlobeKey" = Yes
|| | | | | "SensorProperties" = {}
|| | | | | "ProductID" = 0x281
|| | | | | "alt_handler_id" = 0x5c
|| | | | | "HIDKeyboardSupportedModifiers" = 0x19e20ff
|| | | | | "HandlerIDTable" = (0x5b,0x5c,0x5d)
|| | | | | "SupportsSiriKey" = Yes
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0x1,"DeviceUsage"=0x6},
{"DeviceUsagePage"=0xc,"DeviceUsage"=0x1},{"DeviceUsagePage"=0xff00,"DeviceUsage"=0x6})
|| | | | | "FnModifierUsagePage" = 0xff
|| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notific$
|| | | | | "KeyboardLanguage" = "Dutch"
|| | | | | "GameControllerType" = 0x0
|| | | | | "IOProviderClass" = "IOHIDInterface"
|| | | | | "LED" =
{"Elements"=({"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x8,"Max"=0x1,"IsArray"=No,"Type"
=0x81,"Size"=0x1,"Min"=0x0,"Flags"=0x8000002,"ReportID"=0x1,"Usage"=0x1,"ReportCount"=0x1,"Unit"=0x0,"HasNullSta
te"=No,"ReportSize"=0x1,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0x
1,"ElementCookie"=0x123},
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x8,"Max"=0x1,"IsArray"=No,"Type"=0x81,"Size"=
0x1,"Min"=0x0,"Flags"=0x8000002,"Re$
|| | | | | "PrimaryUsage" = 0x6
|| | | | | "HIDKeyboardKeysDefined" = Yes
|| | | | | "NumLockKeyboardUsageMap" =
"0x00070029,0x00070029,0x0007002a,0x0007002a,0x0007002b,0x0007002b,0x0007003a,0x0007003a,0x0007003b,0x
0007003b,0x0007003c,0x0007003c,0x0007003d,0x0007003d,0x0007003e,0x0007003e,0x0007003f,0x0007003f,0x000
70040,0x00070040,0x00070041,0x00070041,0x00070042,0x00070042,0x00070043,0x00070043,0x00070044,0x000700
44,0x00070045,0x00070045,0x0007004a,0x0007004a,0x0007004b,0x0007004b,0x0007004c,0x0007004c,0x0007004
d,0x0007004d,0x0007004e,0x0007004e,0x0007004f,0x0007004f,0x00070050,0x00070050,0x00$
|| | | | | "HIDKeyboardSupportsDoNotDisturbKey" = No
|| | | | | "HIDKeyboardSupportsEscKey" = Yes
|| | | | | "Transport" = "SPI"
|| | | | | "kblang-calibration-valid" = Yes
|| | | | | "HIDRestoreKBDState" = 0x1
|| | | | | "VendorIDSource" = 0x0
|| | | | | "Manufacturer" = "Apple Inc."
|| | | | | "SensorPropertySupported" = 0x0
|| | | | | "CountryCode" = 0xd
|| | | | | "DebugState" = {"LastReportTime"=0x4e3bd61bd}
|| | | | | |}
|| | | | |
|| | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ad5, !registered, !
matched, active, busy 0, retain 6>
|| | | | {
|| | | | "IOUserClientDefaultLockingSetProperties" = Yes
|| | | | "IOUserClientDefaultLocking" = Yes
|| | | | "IOUserClientCreator" = "pid 385, WindowServer"
|| | | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| | | | "IOUserClientEntitlements" = No
|| | | | "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x2680,"NotificationForce"=0x0,"NotificationCount"=0xa1c6,"head"=0x2680},"E
nqueueEventCount"=0xa29a,"LastEventType"=0x3,"LastEventTime"=0x4e3eea8f9}
|| | | | }
|| | | |
|| | | +-o Trackpad / Boot <class AppleHIDTransportInterface, id 0x1000008c3, registered, matched, active, busy 0
(81033 ms), retain 8>
|| | | ||{
|| | | || "Reporters" = ({"ReportID"=0x7e,"SubgroupName"="Trackpad Power State Time
(ms)","Categories"=("Power"),"Type"="Simple","AbsoluteValues"=Yes,"ReportLength"=0x41,"ClearReportZeroPad"=Yes,"Gr
oupName"="Trackpad Power Stats","Channels"=({"Offset"=0x1,"Name"="Unknown","Type"="Counter","Size"=0x4},
{"Offset"=0x5,"Name"="Active","Type"="Counter","Size"=0x4},
{"Offset"=0x9,"Name"="Ready","Type"="Counter","Size"=0x4},
{"Offset"=0xd,"Name"="Rsv","Type"="Counter","Size"=0x4},{"Offset"=0x11,"Name"="Rsv","Type"="Counter","Size"=0x4},
{$
|| | | || "InterfaceType" = "HID"
|| | | || "IOUserClientClass" = "AppleHIDTransportInterfaceUserClient"
|| | | || "IOReportLegend" = ({"IOReportGroupName"="Trackpad Power
Stats","IOReportChannels"=((0x0,0x100020001,"Unknown"),(0x1,0x100020001,"Active"),(0x2,0x100020001,"Ready"),
(0x3,0x100020001,"Rsv"),(0x4,0x100020001,"Rsv"),(0x5,0x100020001,"Rsv"),(0x6,0x100020001,"Rsv"),
(0x7,0x100020001,"Rsv"),(0x8,0x100020001,"Rsv"),(0x9,0x100020001,"Anticip"),(0xa,0x100020001,"Diag"),
(0xb,0x100020001,"Rsv"),(0xc,0x100020001,"Rsv"),(0xd,0x100020001,"Rsv"),(0xe,0x100020001,"Rsv"),

(0xf,0x100020001,"ForceOnly")),"IOReportChannelInfo"={"IOReportCh$
|| | | || "PowerState" = 0x0
|| | | || "IOReportLegendPublic" = Yes
|| | | || "MaxInputReportLength" = 0x4b0
|| | | || "LocationId" = 0x29
|| | | || "InterfaceName" = "Trackpad / Boot"
|| | | || "SerialNumber" = "FM7150602RCN4FTBB+FCM"
|| | | || "MaxControlReportLength" = 0x400
|| | | || "MaxOutputReportLength" = 0x0
|| | | || "bInterfaceNumber" = 0x2
|| | | || "bCountryCode" = 0x0
|| | | || "HIDDescriptor" =
<05010902a1010901a1000509190129031500250185029503750181029501750581010501093009311581257f750895028
106950475088101c0c0050d0905a1010600ff090c150026ff0075089510853f8122c00600ff090ca1010600ff090c150026ff
008544750896af048100c0>
|| | | ||}
|| | | ||
|| | | +-o AppleHIDTransportHIDDevice <class AppleHIDTransportHIDDevice, id 0x1000008c4, registered,
matched, active, busy 0 (81020 ms), retain 8>
|| | | | |{
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "PrimaryUsagePage" = 0x1
|| | | | | "MaxInputReportSize" = 0x4b0
|| | | | | "IOUserClientClass" = "IOHIDLibUserClient"
|| | | | | "VersionNumber" = 0x935
|| | | | | "ReportDescriptor" =
<05010902a1010901a1000509190129031500250185029503750181029501750581010501093009311581257f750895028
106950475088101c0c0050d0905a1010600ff090c150026ff0075089510853f8122c00600ff090ca1010600ff090c150026ff
008544750896af048100c0>
|| | | | | "VendorID" = 0x5ac
|| | | | | "Built-In" = Yes
|| | | | | "MaxFeatureReportSize" = 0x1
|| | | | | "RequiresTCCAuthorization" = Yes
|| | | | | "Product" = "Apple Internal Keyboard / Trackpad"
|| | | | | "Transport" = "SPI"
|| | | | | "Elements" =
({"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"Elements"=({"ReportID"=
0x0,"ElementCookie"=0x2,"CollectionType"=0x0,"Type"=0x201,"VariableSize"=0x0,"Elements"=({"VariableSize"=0x0,"Unit
Exponent"=0x0,"IsRelative"=No,"UsagePage"=0x9,"Max"=0x1,"IsArray"=No,"Type"=0x2,"Size"=0x1,"Min"=0x0,"Flags"=0x8
000002,"ReportID"=0x2,"Usage"=0x1,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"ReportSize"=0x1,"HasPreferredS
tate"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=$
|| | | | | "IOPropertyMatch" = {"InterfaceType"="HID"}
|| | | | | "Manufacturer" = "Apple Inc."
|| | | | | "ProductID" = 0x281
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleHIDTransport"
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0x1,"DeviceUsage"=0x2},
{"DeviceUsagePage"=0x1,"DeviceUsage"=0x1},{"DeviceUsagePage"=0xd,"DeviceUsage"=0x5},
{"DeviceUsagePage"=0xff00,"DeviceUsage"=0xc})
|| | | | | "InputReportElements" =
({"ReportID"=0x2,"ElementCookie"=0x4c4,"Size"=0x40,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=
0x0,"ReportSize"=0x40,"Usage"=0x0},
{"ReportID"=0x3f,"ElementCookie"=0x4c5,"Size"=0x88,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=
0x0,"ReportSize"=0x88,"Usage"=0x0},
{"ReportID"=0x44,"ElementCookie"=0x4c6,"Size"=0x2580,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePag
e"=0x0,"ReportSize"=0x2580,"Usage"=0x0})
|| | | | | "ReportInterval" = 0x1f40
|| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleHIDTransport"
|| | | | | "MaxOutputReportSize" = 0x1
|| | | | | "ModelNumber" = "MacBookAir10,1"
|| | | | | "IOProviderClass" = "AppleHIDTransportInterface"
|| | | | | "IOCFPlugInTypes" = {"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | | | | "IOReportLegendPublic" = Yes
|| | | | | "LocationID" = 0x29
|| | | | | "IOClass" = "AppleHIDTransportHIDDevice"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleHIDTransport"
|| | | | | "PrimaryUsage" = 0x2
|| | | | | "CountryCode" = 0x0
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "IOReportLegend" = ({"IOReportGroupName"="IOHIDDevice Input Report
Errors","IOReportChannels"=((0x2,0x100020001,"Report 2"),(0x3f,0x100020001,"Report 63"),(0x44,0x100020001,"Report
68")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="Input Report IDs"})
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "FirstInputReceived" = Yes
|| | | | | "IOProbeScore" = 0x0
|| | | | |}
|| | | | |
|| | | | +-o IOHIDInterface <class IOHIDInterface, id 0x1000008d0, registered, matched, active, busy 0 (81019 ms),
retain 8>
|| | | | |{
|| | | | | "Transport" = "SPI"
|| | | | | "Built-In" = Yes
|| | | | | "Manufacturer" = "Apple Inc."
|| | | | | "Product" = "Apple Internal Keyboard / Trackpad"
|| | | | | "MaxInputReportSize" = 0x4b0
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0x1,"DeviceUsage"=0x2},
{"DeviceUsagePage"=0x1,"DeviceUsage"=0x1},{"DeviceUsagePage"=0xd,"DeviceUsage"=0x5},
{"DeviceUsagePage"=0xff00,"DeviceUsage"=0xc})
|| | | | | "DebugState" =

{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
    || | | | | "MaxOutputReportSize" = 0x1
    || | | | | "ReportDescriptor" =
<05010902a1010901a1000509190129031500250185029503750181029501750581010501093009311581257f750895028
106950475088101c0c0050d0905a1010600ff090c150026ff0075089510853f8122c00600ff090ca1010600ff090c150026ff
008544750896af048100c0>
    || | | | | "CountryCode" = 0x0
    || | | | | "VendorID" = 0x5ac
    || | | | | "VersionNumber" = 0x935
    || | | | | "IOServiceDEXTEntitlements" =
(("com.apple.developer.driverkit.transport.hid","com.apple.developer.driverkit.builtin"))
    || | | | | "IODEXTMatchCount" = 0x1
    || | | | | "PrimaryUsage" = 0x2
    || | | | | "LocationID" = 0x29
    || | | | | "ProductID" = 0x281
    || | | | | "ModelNumber" = "MacBookAir10,1"
    || | | | | "ReportInterval" = 0x1f40
    || | | | | "PrimaryUsagePage" = 0x1
    || | | | | "MaxFeatureReportSize" = 0x1
    || | | | |}
    || | | | |
    || | | | +-o AppleMultitouchTrackpadHIDEventDriver <class AppleMultitouchTrackpadHIDEventDriver, id
0x1000008de, registered, matched, active, busy 0 (80805 ms), retain 9>
    || | | | |{
    || | | | | "mt-device-id" = 0x200000000000029
    || | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    || | | | | "IOMatchedAtBoot" = Yes
    || | | | | "PrimaryUsagePage" = 0x1
    || | | | | "SensorProperties" = {}
    || | | | | "ApplePreferencesDefaultPreferences" =
{"TrackpadPinch"=0x1,"TrackpadFourFingerVertSwipeGesture"=0x2,"ActuateDetents"=0x1,"FirstClickThreshold"=0x1,"Sec
ondClickThreshold"=0x1,"TrackpadFourFingerPinchGesture"=0x2,"TrackpadHorizScroll"=0x1,"TrackpadMomentumScroll"=
Yes,"TrackpadRotate"=0x1,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"Clicking"=0x0,"TrackpadScroll"=Yes,"DragLoc
k"=0x0,"TrackpadFiveFingerPinchGesture"=0x2,"ForceSuppressed"=No,"TrackpadThreeFingerVertSwipeGesture"=0x2,"Dr
agging"=0x0,"TrackpadCornerSecon$
    || | | | | "VendorID" = 0x5ac
    || | | | | "VersionNumber" = 0x935
    || | | | | "DebugState" = {"LastReportTime"=0x7b466c5abdd}
    || | | | | "InterfaceAvailableOnDeviceReadyNotification" = Yes
    || | | | | "Built-In" = Yes
    || | | | | "RelativePointer" =
{"Elements"=({"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=Yes,"UsagePage"=0x1,"Max"=0x7f,"IsArray"=No,"Type
"=0x1,"Size"=0x8,"Min"=0xffffffffffffff81,"Flags"=0x8000006,"ReportID"=0x2,"Usage"=0x30,"ReportCount"=0x1,"Unit"=0x
0,"HasNullState"=No,"ReportSize"=0x8,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0xffffffffffffff81,"IsWrapp
ing"=No,"ScaledMax"=0x7f,"ElementCookie"=0x4c1},
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=Yes,"UsagePage"=0x1,"Max"=0x7f,"IsArray"=No,"Type"=$
    || | | | | "HIDPointerResolution" = 0x1900000
    || | | | | "MTEventSource" = Yes
    || | | | | "DoReportIntervalHack" = Yes
    || | | | | "Product" = "Apple Internal Keyboard / Trackpad"
    || | | | | "Transport" = "SPI"
    || | | | | "HIDPointerAccelerationType" = "HIDTrackpadAcceleration"
    || | | | | "HIDScrollAccelerationTable" =
<000080005553422a000700000000000100010000001000000002000001000007 13b00004ce300030000000760000
004c000000e80000006f14a0017e95e000957820023105a000b67a1002c117b000d8dd40034dd3a000f7e9a003bd0b80
01258a000465d3500150000004ed9d80017c0000055caed001ab3e5005b6150001d9000005ed2aa0020bef9006120cb0
0242d7b006275ef0027b0000063465f0000800000130000713b0000567f000100000002e000000200000009600000003
0000001200000004c0000020c0000006800003080000086a790041fdb6000aedb50057866e000d01d8006b3d3900
0efd7f00810$
    || | | | | "HIDDisallowRemappingOfPrimaryClick" = Yes
    || | | | | "Manufacturer" = "Apple Inc."
    || | | | | "HIDScrollAccelerationType" = "HIDTrackpadScrollAcceleration"
    || | | | | "TrackpadEmbedded" = Yes
    || | | | | "ApplePreferenceCapability" = 0x2
    || | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0x1,"DeviceUsage"=0x2},
{"DeviceUsagePage"=0x1,"DeviceUsage"=0x1},{"DeviceUsagePage"=0xd,"DeviceUsage"=0x5},
{"DeviceUsagePage"=0xff00,"DeviceUsage"=0xc})
    || | | | | "ApplePreferenceIdentifier" = "com.apple.AppleMultitouchTrackpad"
    || | | | | "HIDScrollResolution" = 0x1900000
    || | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleTopCaseDriverV2"
    || | | | | "ReenumerateOnInit" = Yes
    || | | | | "ProductID" = 0x281
    || | | | | "DefaultMultitouchProperties" =
{"HIDScrollAccelerationType"="HIDTrackpadScrollAcceleration","SupportsGestureScrolling"=Yes,"parser-
type"=0x3e8,"HIDScrollResolutionX"=0x1900000,"HSTouchHIDService"=Yes,"HIDScrollResolutionY"=0x1900000,"HIDScro
llAccelerationTable"=<000080005553422a000700000000000100010000001000000002000001000007 13b00004ce30
0030000000760000004c000000e80000006f14a0017e95e000957820023105a000b67a1002c117b000d8dd40034dd3a0
00f7e9a003bd0b8001258a000465d3500150000004ed9d80017c0000055caed001ab3e5005b61500$
    || | | | | "ReportInterval" = 0x1f40
    || | | | | "BuildAMDWithMTInit" = Yes
    || | | | | "VendorIDSource" = 0x0
    || | | | | "HIDPointerButtonCount" = 0x3
    || | | | | "CFBundleIdentifier" = "com.apple.driver.AppleTopCaseHIDEventDriver"
    || | | | | "IOCFPlugInTypes" = {"0516B563-B15B-11DA-96EB-0014519758EF"="AppleMultitouchDriver.kext/
Contents/PlugIns/MultitouchHID.plugin"}
    || | | | | "HIDAccelCurves" =
({"HIDAccelGainLinear"=0x10000,"HIDAccelTangentSpeedLinear"=0x76666,"HIDAccelTangentSpeedParabolicRoot"=0x15
0000,"HIDAccelIndex"=0x0},
{"HIDAccelGainLinear"=0xfd71,"HIDAccelTangentSpeedLinear"=0x74ccd,"HIDAccelGainCubic"=0x147b,"HIDAccelGainPara
bolic"=0x8000,"HIDAccelTangentSpeedParabolicRoot"=0x140000,"HIDAccelIndex"=0x2000},

{"HIDAccelGainLinear"=0xfae1,"HIDAccelTangentSpeedLinear"=0x73333,"HIDAccelGainCubic"=0x199a,"HIDAccelGainParabolic"=0xa8f6,"HIDAccelTangentSpeedParabolicRoot"=0x130000,"H$
|| | | | | "IOProviderClass" = "IOHIDInterface"
|| | | | | "LocationID" = 0x29
|| | | | | "HIDPointerAccelerationTable" =
<000080005553422a0007000000000002000400000004000000100000001000000002000000d00008000000080000014000000180000002000000002e000000030000000004e000000040000000740000005000000a000000060000000d4000000080000001600000ac00000230000000d0000002f0000000ec0000038c000001040000004100000011c0000048c000000005000000f0000800000008000000100000001400000018000000240000002000000038000000280000004e0000003000000066000000040000000a000000050000000e4000000600000013400000080000001ec000000ac000002ec000000d0000003c$
|| | | | | "HIDServiceSupport" = No
|| | | | | "IOClass" = "AppleMultitouchTrackpadHIDEventDriver"
|| | | | | "HIDScrollAccelCurves" =
({"HIDAccelGainLinear"=0x10000,"HIDAccelTangentSpeedLinear"=0x60000,"HIDAccelTangentSpeedParabolicRoot"=0xc0000,"HIDAccelIndex"=0x0},
{"HIDAccelGainLinear"=0xf333,"HIDAccelTangentSpeedLinear"=0x63333,"HIDAccelTangentSpeedParabolicRoot"=0xc0000,"HIDAccelGainParabolic"=0x999a,"HIDAccelIndex"=0x2000},
{"HIDAccelGainLinear"=0xe666,"HIDAccelTangentSpeedLinear"=0x66666,"HIDAccelTangentSpeedParabolicRoot"=0xc0000,"HIDAccelGainParabolic"=0xe666,"HIDAccelIndex"=0x8000},{"HIDAccelGainLinear"=0xd99a,$
|| | | | | "ProductIDArray" = (0x281)
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleTopCaseHIDEventDriver"
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "SensorPropertySupported" = 0x0
|| | | | | "IOProbeScore" = 0x1c07
|| | | | | "CountryCode" = 0x0
|| | | | | "PrimaryUsage" = 0x2
|| | | | | "StandardType" = 0x0
|| | | | | | }
|| | | | |
|| | | | +-o AppleMultitouchDevice <class AppleMultitouchDevice, id 0x10000a202, registered, matched, active, busy 0 (1 ms), retain 8>
|| | | | | | {
|| | | | | | "Sensor Surface Descriptor" = <792e00006c1f00003aeb63ff9b16be1b>
|| | | | | | "HIDPointerAccelerationTable" =
<000080005553422a0007000000000002000400000004000000100000001000000002000000d00008000000080000014000000180000002000000002e000000030000000004e000000040000000740000005000000a000000060000000d4000000080000001600000ac00000230000000d0000002f0000000ec0000038c000001040000004100000011c0000048c000000005000000f0000800000008000000100000001400000018000000240000002000000038000000280000004e0000003000000066000000040000000a000000050000000e4000000600000013400000080000001ec000000ac000002ec000000d000000$
|| | | | | | "Multitouch ID" = 0x200000000000029
|| | | | | | "HIDAccelCurves" =
({"HIDAccelGainLinear"=0x10000,"HIDAccelTangentSpeedLinear"=0x76666,"HIDAccelTangentSpeedParabolicRoot"=0x150000,"HIDAccelIndex"=0x0},
{"HIDAccelGainLinear"=0xfd71,"HIDAccelTangentSpeedLinear"=0x74ccd,"HIDAccelGainCubic"=0x147b,"HIDAccelGainParabolic"=0x8000,"HIDAccelTangentSpeedParabolicRoot"=0x140000,"HIDAccelIndex"=0x2000},
{"HIDAccelGainLinear"=0xfae1,"HIDAccelTangentSpeedLinear"=0x73333,"HIDAccelGainCubic"=0x199a,"HIDAccelGainParabolic"=0xa8f6,"HIDAccelTangentSpeedParabolicRoot"=0x130000,$
|| | | | | | "HIDScrollResolution" = 0x1900000
|| | | | | | "Sensor Surface Height" = 0x1f6c
|| | | | | | "HIDServiceSupport" = Yes
|| | | | | | "parser-options" = 0x27
|| | | | | | "TrackpadThreeFingerDrag" = Yes
|| | | | | | "HIDScrollResolutionY" = 0x1900000
|| | | | | | "VersionNumber" = 0x935
|| | | | | | "Sensor Region Descriptor" = <0201001001001800021002010b0200>
|| | | | | | "HSTouchHIDService" = Yes
|| | | | | | "Sensor Surface Width" = 0x2e79
|| | | | | | "IOClass" = "AppleMultitouchDevice"
|| | | | | | "Critical Errors" = 0x0
|| | | | | | "SupportsGestureScrolling" = Yes
|| | | | | | "IOReportLegend" =
({"IOReportGroupName"="Multitouch","IOReportChannels"=((0x4672616d44726f70,0x100080001,"Frames dropped")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="Drop packets"})
|| | | | | | "IOUserClientClass" = "AppleMultitouchDeviceUserClient"
|| | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | | "bcdVersion" = 0x530
|| | | | | | "parser-type" = 0x3e8
|| | | | | | "Product" = "Apple Internal Keyboard / Trackpad"
|| | | | | | "TrackpadSecondaryClickCorners" = Yes
|| | | | | | "ForceSupported" = Yes
|| | | | | | "MultitouchPreferences" =
{"TrackpadPinch"=0x1,"TrackpadFourFingerVertSwipeGesture"=0x2,"ActuateDetents"=0x1,"FirstClickThreshold"=0x1,"SecondClickThreshold"=0x1,"TrackpadFourFingerPinchGesture"=0x2,"TrackpadHorizScroll"=0x1,"TrackpadMomentumScroll"=Yes,"TrackpadRotate"=0x1,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"Clicking"=0x0,"TrackpadScroll"=Yes,"DragLock"=0x0,"TrackpadFiveFingerPinchGesture"=0x2,"ForceSuppressed"=No,"TrackpadThreeFingerVertSwipeGesture"=0x2,"Dragging"=0x0,"TrackpadCornerSecondaryClick"=$
|| | | | | | "Max Packet Size" = 0x526
|| | | | | | "ReportInterval" = 0x1f40
|| | | | | | "ResetCount" = 0x0
|| | | | | | "VendorID" = 0x5ac
|| | | | | | "EnumerationReason" = 0x3
|| | | | | | "TrackpadFourFingerGestures" = Yes
|| | | | | | "IOReportLegendPublic" = Yes
|| | | | | | "Endianness" = 0x1
|| | | | | | "ProductID" = 0x281
|| | | | | | "Sensor Rows" = 0x12
|| | | | | | "HIDScrollResolutionX" = 0x1900000
|| | | | | | "HIDPointerResolution" = 0x1900000

```
|| |  |  |  |    | "HIDScrollResolutionZ" = 0x1900000
|| |  |  |  |    | "Critical Errors Accumulator" = 0x0
|| |  |  |  |    | "Family ID" = 0x6a
|| |  |  |  |    | "DeviceUsagePairs" = ({"DeviceUsagePage"=0x1,"DeviceUsage"=0x2},
{"DeviceUsagePage"=0x1,"DeviceUsage"=0x1},{"DeviceUsagePage"=0xd,"DeviceUsage"=0x5},
{"DeviceUsagePage"=0xff00,"DeviceUsage"=0xc})
|| |  |  |  |    | "MT Built-In" = Yes
|| |  |  |  |    | "Sensor Region Param" = <000003000002>
|| |  |  |  |    | "EnumerationReasonString" = "Z2Init"
|| |  |  |  |    | "HIDScrollAccelCurves" =
({"HIDAccelGainLinear"=0x10000,"HIDAccelTangentSpeedLinear"=0x60000,"HIDAccelTangentSpeedParabolicRoot"=0xc0
000,"HIDAccelIndex"=0x0},
{"HIDAccelGainLinear"=0xf333,"HIDAccelTangentSpeedLinear"=0x63333,"HIDAccelTangentSpeedParabolicRoot"=0xc000
0,"HIDAccelGainParabolic"=0x999a,"HIDAccelIndex"=0x2000},
{"HIDAccelGainLinear"=0xe666,"HIDAccelTangentSpeedLinear"=0x66666,"HIDAccelTangentSpeedParabolicRoot"=0xc000
0,"HIDAccelGainParabolic"=0xe666,"HIDAccelIndex"=0x8000},{"HIDAccelGainLinear"=0xd99$
|| |  |  |  |    | "DisablerPresent" = No
|| |  |  |  |    | "HIDScrollAccelerationTable" =
<000080005553422a00070000000000001000100000001000000002000001000000713b00004ce300030000000760000
004c000000e80000006f14a0017e95e000957820023105a000b67a1002c117b000d8dd40034dd3a000f7e9a003bd0b80
01258a000465d3500150000004ed9d80017c0000055caed001ab3e5005b6150001d9000005ed2aa0020bef9006120cb0
0242d7b006275ef0027b0000063465f0000800000130000713b0000567f000100000002e00000020000000960000003
0000001200000004c0000020c00000068000003080000086a790041fdb6000aedb50057866e000d01d8006b3d3900
0efd7f008$
|| |  |  |  |    | "TrackpadMomentumScroll" = Yes
|| |  |  |  |    | "ActuationSupported" = Yes
|| |  |  |  |    | "HIDScrollAccelerationType" = "HIDTrackpadScrollAcceleration"
|| |  |  |  |    | "MTPowerStatsDisable" = Yes
|| |  |  |  |    | "Transport" = "SPI"
|| |  |  |  |    | "Sensor Columns" = 0x18
|| |  |  |  |    | "MTHIDDevice" = Yes
|| |  |  |  |    | "VendorIDSource" = 0x0
|| |  |  |  |    | "HIDPointerReportRate" = 0x78
|| |  |  |  |    | "Manufacturer" = "Apple Inc."
|| |  |  |  |    | "HIDPointerAccelerationType" = "HIDTrackpadAcceleration"
|| |  |  |  |    | "UseProviderWorkLoop" = Yes
|| |  |  |  |    | "CountryCode" = 0x0
|| |  |  |  |    | "LocationID" = 0x29
|| |  |  |  |    |}
|| |  |  |  |
|| |  |  |  |    +-o AppleMultitouchDeviceUserClient  <class AppleMultitouchDeviceUserClient, id 0x10000a205, !
registered, !matched, active, busy 0, retain 6>
|| |  |  |  |        {
|| |  |  |  |          "IOUserClientCreator" = "pid 385, WindowServer"
|| |  |  |  |          "IOUserClientDefaultLocking" = Yes
|| |  |  |  |        }
|| |  |  |  |
|| |  |  | +-o Actuator  <class AppleHIDTransportInterface, id 0x1000008c5, registered, matched, active, busy 0 (544
ms), retain 8>
|| |  |  |  ||{
|| |  |  |  || "InterfaceType" = "HID"
|| |  |  |  || "IOUserClientClass" = "AppleHIDTransportInterfaceUserClient"
|| |  |  |  || "PowerState" = 0x0
|| |  |  |  || "MaxInputReportLength" = 0x10
|| |  |  |  || "LocationId" = 0x29
|| |  |  |  || "InterfaceName" = "Actuator"
|| |  |  |  || "SerialNumber" = "FM7150602RCN4FTBB+FCM"
|| |  |  |  || "MaxControlReportLength" = 0x400
|| |  |  |  || "MaxOutputReportLength" = 0x40
|| |  |  |  || "bInterfaceNumber" = 0x3
|| |  |  |  || "bCountryCode" = 0x0
|| |  |  |  || "HIDDescriptor" =
<0600ff090da1010600ff090d150026ff007508853f960f008102090d8553963f009102c0>
|| |  |  |  ||}
|| |  |  |  ||
|| |  |  | +-o AppleHIDTransportHIDDevice  <class AppleHIDTransportHIDDevice, id 0x1000008c6, registered,
matched, active, busy 0 (538 ms), retain 8>
|| |  |  |  |{
|| |  |  |  |  "IOMatchedAtBoot" = Yes
|| |  |  |  |  "PrimaryUsagePage" = 0xff00
|| |  |  |  |  "MaxInputReportSize" = 0x10
|| |  |  |  |  "IOUserClientClass" = "IOHIDLibUserClient"
|| |  |  |  |  "VersionNumber" = 0x935
|| |  |  |  |  "ReportDescriptor" =
<0600ff090da1010600ff090d150026ff007508853f960f008102090d8553963f009102c0>
|| |  |  |  |  "VendorID" = 0x5ac
|| |  |  |  |  "Built-In" = Yes
|| |  |  |  |  "MaxFeatureReportSize" = 0x1
|| |  |  |  |  "Product" = "Apple Internal Keyboard / Trackpad"
|| |  |  |  |  "Transport" = "SPI"
|| |  |  |  |  "Elements" =
({"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"Elements"=({"VariableSiz
e"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0xff00,"Max"=0xff,"IsArray"=No,"Type"=0x1,"Size"=0x78,"Min"
=0x0,"Flags"=0x2,"ReportID"=0x3f,"Usage"=0xd,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"ReportSize"=0x78,"H
asPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0xff,"ElementCookie"=0x8},
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"Usa$
|| |  |  |  |  "IOPropertyMatch" = {"InterfaceType"="HID"}
|| |  |  |  |  "Manufacturer" = "Apple Inc."
|| |  |  |  |  "ProductID" = 0x281
|| |  |  |  |  "IOPersonalityPublisher" = "com.apple.driver.AppleHIDTransport"
```

```
|| |   |  |  | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0xd})
|| |   |  |  | "InputReportElements" =
({"ReportID"=0x3f,"ElementCookie"=0xa,"Size"=0x80,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x
0,"ReportSize"=0x80,"Usage"=0x0},
{"ReportID"=0x53,"ElementCookie"=0xb,"Size"=0x8,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x0
,"ReportSize"=0x8,"Usage"=0x0})
|| |   |  |  | "ReportInterval" = 0x1f40
|| |   |  |  | "CFBundleIdentifier" = "com.apple.driver.AppleHIDTransport"
|| |   |  |  | "MaxOutputReportSize" = 0x40
|| |   |  |  | "ModelNumber" = "MacBookAir10,1"
|| |   |  |  | "IOProviderClass" = "AppleHIDTransportInterface"
|| |   |  |  | "IOCFPlugInTypes" = {"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| |   |  |  | "IOReportLegendPublic" = Yes
|| |   |  |  | "LocationID" = 0x29
|| |   |  |  | "IOClass" = "AppleHIDTransportHIDDevice"
|| |   |  |  | "CFBundleIdentifierKernel" = "com.apple.driver.AppleHIDTransport"
|| |   |  |  | "PrimaryUsage" = 0xd
|| |   |  |  | "CountryCode" = 0x0
|| |   |  |  | "IOReportLegend" = ({"IOReportGroupName"="IOHIDDevice Input Report
Errors","IOReportChannels"=((0x3f,0x100020001,"Report 63"),(0x53,0x100020001,"Report
83")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="Input Report IDs"})
|| |   |  |  | "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |  |  | "IOProbeScore" = 0x0
|| |   |  |  |}
|| |   |  |
|| |   |  +-o IOHIDInterface  <class IOHIDInterface, id 0x1000008d5, registered, matched, active, busy 0 (536 ms),
retain 7>
|| |   |  |  |{
|| |   |  |  | "Transport" = "SPI"
|| |   |  |  | "Built-In" = Yes
|| |   |  |  | "Manufacturer" = "Apple Inc."
|| |   |  |  | "Product" = "Apple Internal Keyboard / Trackpad"
|| |   |  |  | "MaxInputReportSize" = 0x10
|| |   |  |  | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0xd})
|| |   |  |  | "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
|| |   |  |  | "MaxOutputReportSize" = 0x40
|| |   |  |  | "ReportDescriptor" =
<0600ff090da1010600ff090d150026ff007508853f960f008102090d8553963f009102c0>
|| |   |  |  | "CountryCode" = 0x0
|| |   |  |  | "VendorID" = 0x5ac
|| |   |  |  | "VersionNumber" = 0x935
|| |   |  |  | "IOServiceDEXTEntitlements" =
(("com.apple.developer.driverkit.transport.hid","com.apple.developer.driverkit.builtin"))
|| |   |  |  | "PrimaryUsage" = 0xd
|| |   |  |  | "LocationID" = 0x29
|| |   |  |  | "ProductID" = 0x281
|| |   |  |  | "ModelNumber" = "MacBookAir10,1"
|| |   |  |  | "ReportInterval" = 0x1f40
|| |   |  |  | "PrimaryUsagePage" = 0xff00
|| |   |  |  | "MaxFeatureReportSize" = 0x1
|| |   |  |  |}
|| |   |  |
|| |   |  +-o AppleActuatorHIDEventDriver  <class AppleActuatorHIDEventDriver, id 0x1000008da, !registered, !
matched, active, busy 0 (528 ms), retain 6>
|| |   |  |  |{
|| |   |  |  | "IOClass" = "AppleActuatorHIDEventDriver"
|| |   |  |  | "CFBundleIdentifier" = "com.apple.driver.AppleActuatorDriver"
|| |   |  |  | "IOProviderClass" = "IOHIDInterface"
|| |   |  |  | "DefaultActuatorProperties" = {"ActuatorRevision"=0x9}
|| |   |  |  | "VendorID" = 0x5ac
|| |   |  |  | "IOProbeScore" = 0x1c07
|| |   |  |  | "IOMatchedAtBoot" = Yes
|| |   |  |  | "InterfaceAvailableOnDeviceReadyNotification" = Yes
|| |   |  |  | "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |  |  | "LocationID" = 0x29
|| |   |  |  | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0xd})
|| |   |  |  | "Transport" = "SPI"
|| |   |  |  | "IOPersonalityPublisher" = "com.apple.driver.AppleTopCaseDriverV2"
|| |   |  |  | "CFBundleIdentifierKernel" = "com.apple.driver.AppleActuatorDriver"
|| |   |  |  | "ProductIDArray" = (0x281)
|| |   |  |  |}
|| |   |  |
|| |   |  +-o AppleActuatorDevice  <class AppleActuatorDevice, id 0x1000008db, registered, matched, active,
busy 0 (528 ms), retain 10>
|| |   |  |  |{
|| |   |  |  | "Transport" = "SPI"
|| |   |  |  | "IOUserClientClass" = "AppleActuatorDeviceUserClient"
|| |   |  |  | "LocationID" = 0x29
|| |   |  |  | "Multitouch Actuator ID" = 0x200000000000029
|| |   |  |  | "ActuatorRevision" = 0x9
|| |   |  |  | "ActuatorLimits" =
{"DurationMax"=0x8,"AmplitudeMin"=0x0,"DurationMin"=0x4,"AmplitudeMax"=0x46}
|| |   |  |  |}
|| |   |  |
|| |   |  +-o AppleActuatorDeviceUserClient  <class AppleActuatorDeviceUserClient, id 0x10000a206, !
registered, !matched, active, busy 0, retain 6>
|| |   |  |      {
```

```
|| |  |  |           "IOUserClientCreator" = "pid 385, WindowServer"
|| |  |  |           "IOUserClientDefaultLocking" = Yes
|| |  |  |         }
|| |  |  |
|| |  | +-o Accelerometer  <class AppleHIDTransportInterface, id 0x1000008c7, registered, matched, active, busy 0
(11 ms), retain 8>
|| |  |  |  |{
|| |  |  |  |   "InterfaceType" = "HID"
|| |  |  |  |   "IOUserClientClass" = "AppleHIDTransportInterfaceUserClient"
|| |  |  |  |   "PowerState" = 0x0
|| |  |  |  |   "MaxInputReportLength" = 0x6c
|| |  |  |  |   "LocationId" = 0x29
|| |  |  |  |   "InterfaceName" = "Accelerometer"
|| |  |  |  |   "SerialNumber" = "FM7150602RCN4FTBB+FCM"
|| |  |  |  |   "MaxControlReportLength" = 0x400
|| |  |  |  |   "MaxOutputReportLength" = 0x0
|| |  |  |  |   "bInterfaceNumber" = 0x4
|| |  |  |  |   "bCountryCode" = 0x0
|| |  |  |  |   "HIDDescriptor" = <0600ff0903a1010600ff0903150026ff0085c0966b0075088102c0>
|| |  |  |  |}
|| |  |  |
|| |  |  +-o AppleHIDTransportHIDDevice  <class AppleHIDTransportHIDDevice, id 0x1000008c8, registered,
matched, active, busy 0 (10 ms), retain 8>
|| |  |  |  |{
|| |  |  |  |   "IOMatchedAtBoot" = Yes
|| |  |  |  |   "PrimaryUsagePage" = 0xff00
|| |  |  |  |   "MaxInputReportSize" = 0x6c
|| |  |  |  |   "IOUserClientClass" = "IOHIDLibUserClient"
|| |  |  |  |   "VersionNumber" = 0x935
|| |  |  |  |   "ReportDescriptor" = <0600ff0903a1010600ff0903150026ff0085c0966b0075088102c0>
|| |  |  |  |   "VendorID" = 0x5ac
|| |  |  |  |   "Built-In" = Yes
|| |  |  |  |   "MaxFeatureReportSize" = 0x1
|| |  |  |  |   "Product" = "Apple Internal Keyboard / Trackpad"
|| |  |  |  |   "Transport" = "SPI"
|| |  |  |  |   "Elements" =
({"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"Elements"=({"VariableSiz
e"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0xff00,"Max"=0xff,"IsArray"=No,"Type"=0x1,"Size"=0x358,"Min
"=0x0,"Flags"=0x2,"ReportID"=0xc0,"Usage"=0x3,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"ReportSize"=0x358,
"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0xff,"ElementCookie"=0x6}),
"UsagePage"=0xff00,"Usage"=0x3},{"VariableSize"=0x0,"Uni$
|| |  |  |  |   "IOPropertyMatch" = {"InterfaceType"="HID"}
|| |  |  |  |   "Manufacturer" = "Apple Inc."
|| |  |  |  |   "ProductID" = 0x281
|| |  |  |  |   "IOPersonalityPublisher" = "com.apple.driver.AppleHIDTransport"
|| |  |  |  |   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x3})
|| |  |  |  |   "InputReportElements" =
({"ReportID"=0xc0,"ElementCookie"=0x7,"Size"=0x360,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=
0x0,"ReportSize"=0x360,"Usage"=0x0})
|| |  |  |  |   "ReportInterval" = 0x1f40
|| |  |  |  |   "CFBundleIdentifier" = "com.apple.driver.AppleHIDTransport"
|| |  |  |  |   "MaxOutputReportSize" = 0x1
|| |  |  |  |   "ModelNumber" = "MacBookAir10,1"
|| |  |  |  |   "IOProviderClass" = "AppleHIDTransportInterface"
|| |  |  |  |   "IOCFPlugInTypes" = {"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| |  |  |  |   "IOReportLegendPublic" = Yes
|| |  |  |  |   "LocationID" = 0x29
|| |  |  |  |   "IOClass" = "AppleHIDTransportHIDDevice"
|| |  |  |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleHIDTransport"
|| |  |  |  |   "PrimaryUsage" = 0x3
|| |  |  |  |   "CountryCode" = 0x0
|| |  |  |  |   "IOReportLegend" = ({"IOReportGroupName"="IOHIDDevice Input Report
Errors","IOReportChannels"=((0xc0,0x100020001,"Report
192")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="Input Report IDs"})
|| |  |  |  |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |  |  |  |   "IOProbeScore" = 0x0
|| |  |  |  |}
|| |  |  |
|| |  |  +-o IOHIDInterface  <class IOHIDInterface, id 0x1000008d8, registered, matched, active, busy 0 (8 ms),
retain 6>
|| |  |  |     {
|| |  |  |       "Transport" = "SPI"
|| |  |  |       "Built-In" = Yes
|| |  |  |       "Manufacturer" = "Apple Inc."
|| |  |  |       "Product" = "Apple Internal Keyboard / Trackpad"
|| |  |  |       "MaxInputReportSize" = 0x6c
|| |  |  |       "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x3})
|| |  |  |       "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
|| |  |  |       "MaxOutputReportSize" = 0x1
|| |  |  |       "ReportDescriptor" = <0600ff0903a1010600ff0903150026ff0085c0966b0075088102c0>
|| |  |  |       "CountryCode" = 0x0
|| |  |  |       "VendorID" = 0x5ac
|| |  |  |       "VersionNumber" = 0x935
|| |  |  |       "IOServiceDEXTEntitlements" =
(("com.apple.developer.driverkit.transport.hid","com.apple.developer.driverkit.builtin"))
|| |  |  |       "PrimaryUsage" = 0x3
|| |  |  |       "LocationID" = 0x29
```

```
|| |  |        "ProductID" = 0x281
|| |  |        "ModelNumber" = "MacBookAir10,1"
|| |  |        "ReportInterval" = 0x1f40
|| |  |        "PrimaryUsagePage" = 0xff00
|| |  |        "MaxFeatureReportSize" = 0x1
|| |  |      }
|| |  |
|| |  +-o AIDImageDownloader  <class AIDImageDownloader, id 0x10000079c, registered, matched, active, busy 0 (0
ms), retain 7>
|| |  |    {
|| |  |      "ValidationTimeMs" = 0x0
|| |  |      "AIDLoadMs" = 0x21eb
|| |  |      "KernelClientRequestTimeMs" = 0xcdd
|| |  |      "LoadingGroup" = 0x1
|| |  |      "AHTLoaderName" = "ipd"
|| |  |      "IOUserClientClass" = "AppleFirmwareUpdateUserClient"
|| |  |      "AIDStartMs" = 0x150e
|| |  |      "Need FUD Download" = 0x0
|| |  |      "Image Tag" = 0x69706466
|| |  |      "UserSpaceRequestTimeMs" = 0x2
|| |  |    }
|| |
|| +-o spi4@35110000  <class AppleARMIODevice, id 0x10000027e, registered, matched, active, busy 0 (300 ms),
retain 9>
|| ||{
|| ||    "compatible" = <7370692d312c7370696d6300>
|| ||    "function-spi_cs0" = <6e0000004f4950471800000001000100>
|| ||    "interrupt-parent" = <67000000>
|| ||    "interrupts" = <6a020000>
|| ||    "reg" = <000011350000000000040000000000000>
|| ||    "clock-gates" = <d5000000>
|| ||    "clock-ids" = <7c010000>
|| ||    "AAPL,phandle" = <2a000000>
|| ||    "device_type" = <73706900>
|| ||    "#size-cells" = <07000000>
|| ||    "IOInterruptControllers" = ("IOInterruptController00000067")
|| ||    "IOInterruptSpecifiers" = (<6a020000>)
|| ||    "#address-cells" = <01000000>
|| ||    "spi-version" = <01000000>
|| ||    "IODeviceMemory" = (({"address"=0x235110000,"length"=0x4000}))
|| ||    "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"       First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)"))","IORepo$
|| ||    "IOReportLegendPublic" = Yes
|| ||    "name" = <7370693400>
|| ||}
|| ||
|| |+-o AppleSPIMCController  <class AppleSPIMCController, id 0x100000303, !registered, !matched, active, busy 0
(134 ms), retain 5>
|| |  |{
|| |  |    "IOClass" = "AppleSPIMCController"
|| |  |    "CFBundleIdentifier" = "com.apple.driver.AppleSPIMC"
|| |  |    "IOProviderClass" = "AppleARMIODevice"
|| |  |    "IOPlatformWakeAction" = 0x1f4
|| |  |    "IOPlatformSleepAction" = 0x1f4
|| |  |    "IOProbeScore" = 0x0
|| |  |    "IONameMatch" = "spi-1,spimc"
|| |  |    "IOMatchedAtBoot" = Yes
|| |  |    "IOMatchCategory" = "IODefaultMatchCategory"
|| |  |    "dma-capable" = Yes
|| |  |    "Stats" =
{"intrTimeouts"=0x0,"xfer_hist_count"=0x0,"disb_intrs_active"=0x0,"pollTimeouts"=0x0,"xfer"=(0x0,0x0,0x0,0x0,0x0,0x0,
0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,
0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0),
"poll"=(0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0
x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0$
|| |  |    "IONameMatched" = "spi-1,spimc"
|| |  |    "IOPersonalityPublisher" = "com.apple.driver.AppleSPIMC"
|| |  |    "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPIMC"
|| |  |}
|| |  |
|| |  +-o dp855@0  <class AppleARMSPIDevice, id 0x10000037a, registered, matched, active, busy 0 (134 ms), retain
14>
|| |  |{
|| |  |    "security-level" = <03000000>
|| |  |    "compatible" = <7061726164652c445038353500>
|| |  |    "prod-status" = <01000000>
|| |  |    "AAPL,phandle" = <2b000000>
|| |  |    "reg" = <00000000530000000000010800000001400000000000000000000000000000000000>
|| |  |    "device-id" = <413431303239>
|| |  |    "bundle-ver" = <023f0000>
|| |  |    "ecid" = <000000000000000000107120c050b1545>
|| |  |    "nonce" = <280e156448b0998715a8868297a36d92c9cf8f3d56423bf879fd7bc0d6e41740>
|| |  |    "device_type" = <74636f6e00>
|| |  |    "prod-fuse-value" = <01000000>
|| |  |    "firmware-ver" = <01120000>
|| |  |    "firmware" = <01000000>
```

```
|| |  |   "sdom-status" = <01000000>
|| |  |   "name" = <647038353500>
|| |  |   "sdom-fuse-value" = <01000000>
|| |  | }
|| |  |
|| |  +-o AppleParadeDP855TCON  <class AppleParadeDP855TCON, id 0x10000050d, registered, matched, active,
busy 0 (41 ms), retain 17>
|| |  | {
|| |  |   "IOProbeScore" = 0x3a98
|| |  |   "CFBundleIdentifier" = "com.apple.driver.AppleDPDisplayTCON"
|| |  |   "IOProviderClass" = "AppleARMSPIDevice"
|| |  |   "IOClass" = "AppleParadeDP855TCON"
|| |  |   "IOPersonalityPublisher" = "com.apple.driver.AppleDPDisplayTCON"
|| |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDPDisplayTCON"
|| |  |   "IOMatchedAtBoot" = Yes
|| |  |   "IONameMatch" = "parade,DP855"
|| |  |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |  |   "IONameMatched" = "parade,DP855"
|| |  |   "model" = <57030000>
|| |  | }
|| |  |
|| |  +-o lcd-pmicwp  <class AppleTCONComponent, id 0x10000050e, registered, matched, active, busy 0 (49 ms),
retain 5>
|| |  | {
|| |  |   "repeated-start" = <01000000>
|| |  |   "verify" = <00000000>
|| |  |   "protection" = <00000000>
|| |  |   "interface" = <03000000>
|| |  |   "name" = <6c63642d706d6963777000>
|| |  |   "offset-size" = <01000000>
|| |  |   "IOAVDisplayMemoryUserInterfaceSupported" = Yes
|| |  |   "IOUserClientClass" = "IOAVDisplayMemoryConcreteUserClient"
|| |  |   "device_type" = <6c63642d6932632d636f6d706f6e656e7400>
|| |  |   "AAPL,phandle" = <2c000000>
|| |  |   "reg" = <4f00000010000000>
|| |  | }
|| |  |
|| |  +-o lcd-pmic  <class AppleTCONComponent, id 0x1000005ca, registered, matched, active, busy 0 (41 ms),
retain 5>
|| |  | {
|| |  |   "repeated-start" = <01000000>
|| |  |   "verify" = <00000000>
|| |  |   "protection" = <02000000>
|| |  |   "interface" = <03000000>
|| |  |   "name" = <6c63642d706d696300>
|| |  |   "offset-size" = <01000000>
|| |  |   "IOAVDisplayMemoryUserInterfaceSupported" = Yes
|| |  |   "IOUserClientClass" = "IOAVDisplayMemoryConcreteUserClient"
|| |  |   "device_type" = <6c63642d6932632d636f6d706f6e656e7400>
|| |  |   "AAPL,phandle" = <2d000000>
|| |  |   "reg" = <7400000000010000>
|| |  | }
|| |  |
|| |  +-o lcd-sswp  <class AppleTCONComponent, id 0x1000005cb, registered, matched, active, busy 0 (20 ms),
retain 5>
|| |  | {
|| |  |   "repeated-start" = <01000000>
|| |  |   "verify" = <00000000>
|| |  |   "protection" = <00000000>
|| |  |   "interface" = <03000000>
|| |  |   "name" = <6c63642d7373777000>
|| |  |   "offset-size" = <01000000>
|| |  |   "IOAVDisplayMemoryUserInterfaceSupported" = Yes
|| |  |   "IOUserClientClass" = "IOAVDisplayMemoryConcreteUserClient"
|| |  |   "device_type" = <6c63642d6932632d636f6d706f6e656e7400>
|| |  |   "AAPL,phandle" = <2e000000>
|| |  |   "reg" = <7100000010000000>
|| |  | }
|| |  |
|| |  +-o lcd-ss  <class AppleTCONComponent, id 0x1000005cc, registered, matched, active, busy 0 (39 ms), retain
5>
|| |  | {
|| |  |   "repeated-start" = <01000000>
|| |  |   "verify" = <00000000>
|| |  |   "protection" = <00000000>
|| |  |   "interface" = <03000000>
|| |  |   "name" = <6c63642d737300>
|| |  |   "offset-size" = <01000000>
|| |  |   "IOAVDisplayMemoryUserInterfaceSupported" = Yes
|| |  |   "IOUserClientClass" = "IOAVDisplayMemoryConcreteUserClient"
|| |  |   "device_type" = <6c63642d6932632d636f6d706f6e656e7400>
|| |  |   "AAPL,phandle" = <2f000000>
|| |  |   "reg" = <4000000000010000>
|| |  | }
|| |  |
|| |  +-o tcon-registers  <class AppleTCONComponent, id 0x1000005cd, registered, matched, active, busy 0 (22
ms), retain 5>
|| |  | {
|| |  |   "IOAVDisplayMemoryUserInterfaceSupported" = Yes
|| |  |   "reg" = <0000000000010000>
```

```
|| |  |   "IOUserClientClass" = "IOAVDisplayMemoryConcreteUserClient"
|| |  |   "name" = <74636f6e2d72656769737465727300>
|| |  |   "AAPL,phandle" = <30000000>
|| |  |   "device_type" = <74636f6e2d72656769737465727300>
|| |  | }
|| |  |
|| |   +-o lcd-eeprom  <class AppleTCONComponent, id 0x1000005ce, registered, matched, active, busy 0 (39 ms),
retain 5>
|| |     {
|| |        "offset-size" = <03000000>
|| |        "hi-z" = <01000000>
|| |        "data-pol-inv" = <00000000>
|| |        "IOAVDisplayMemoryUserInterfaceSupported" = Yes
|| |        "tx-bit-order" = <01000000>
|| |        "AAPL,phandle" = <31000000>
|| |        "reg" = <0000000000000200>
|| |        "multi-io-bit-order" = <00000000>
|| |        "verify" = <01000000>
|| |        "IOUserClientClass" = "IOAVDisplayMemoryConcreteUserClient"
|| |        "protection" = <01000000>
|| |        "device_type" = <6c63642d7370692d636f6d706f6e656e7400>
|| |        "mode" = <00000000>
|| |        "multi-io" = <00000000>
|| |        "interface" = <00000000>
|| |        "rx-bit-order" = <01000000>
|| |        "name" = <6c63642d656570726f6d00>
|| |     }
|| |
|| +-o i2c1@35014000  <class AppleARMIODevice, id 0x10000027f, registered, matched, active, busy 0 (343 ms),
retain 9>
|| ||{
|| ||   "gpio-iic_scl" = <c9000000020101004150000000>
|| ||   "compatible" = <6932632c7438313031006932632c73356c3839343078006969632c736f667400>
|| ||   "gpio-iic_sda" = <c7000000020101004150000000>
|| ||   "interrupt-parent" = <67000000>
|| ||   "interrupts" = <74020000>
|| ||   "clock-gates" = <28000000>
|| ||   "clock-ids" = <04000000>
|| ||   "#address-cels" = <01000000>
|| ||   "reg" = <00400135000000000040000000000000>
|| ||   "device_type" = <69326300>
|| ||   "#size-cells" = <03000000>
|| ||   "AAPL,phandle" = <32000000>
|| ||   "IOInterruptControllers" = ("IOInterruptController00000067")
|| ||   "IOInterruptSpecifiers" = (<74020000>)
|| ||   "function-device_reset" = <7e0000005453524128000000>
|| ||   "IODeviceMemory" = (({"address"=0x235014000,"length"=0x4000}))
|| ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| ||   "IOReportLegendPublic" = Yes
|| ||   "name" = <6932633100>
|| ||}
|| ||
|| |+-o AppleS5L8940XI2CController  <class AppleS5L8940XI2CController, id 0x100000304, registered, matched,
active, busy 0 (260 ms), retain 6>
|| |  |{
|| |  |   "IOClass" = "AppleS5L8940XI2CController"
|| |  |   "CFBundleIdentifier" = "com.apple.driver.AppleS5L8940XI2C"
|| |  |   "IOProviderClass" = "AppleARMIODevice"
|| |  |   "IOPlatformWakeAction" = 0x1f4
|| |  |   "IOPlatformSleepAction" = 0x1f4
|| |  |   "IOProbeScore" = 0x3e8
|| |  |   "IONameMatch" = "i2c,s5l8940x"
|| |  |   "IOMatchedAtBoot" = Yes
|| |  |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |  |   "IONameMatched" = "i2c,s5l8940x"
|| |  |   "IOPersonalityPublisher" = "com.apple.driver.AppleS5L8940XI2C"
|| |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleS5L8940XI2C"
|| |  |}
|| |  |
|| |  +-o audio-tas5770L-spkr-l@31  <class AppleARMIICDevice, id 0x10000037d, registered, matched, active, busy 0
(177 ms), retain 9>
|| |  |{
|| |  |   "private" = <3100>
|| |  |   "compatible" = <617564696f2d636f6e74726f6c2c7461733537373000>
|| |  |   "interrupt-parent" = <6e000000>
|| |  |   "interrupts" = <b600000001000000>
|| |  |   "reg" = <31000000c4090000000000000000000000>
|| |  |   "speaker-config" = <000a0000010a0000>
|| |  |   "bop-config" = <82065004000000000000000000>
|| |  |   "AAPL,phandle" = <33000000>
|| |  |   "device_type" = <617564696f2d636f6e74726f6c00>
|| |  |   "iboot-audio-volume" = <>
|| |  |   "function-reset" = <6e0000004f495047b500000001000100>
|| |  |   "IOInterruptControllers" = ("IOInterruptController0000006E")
|| |  |   "speaker-protection" = <00000000>
```

```
|| |  |   "IOInterruptSpecifiers" = (<b600000001000000>)
|| |  |   "IOUserClientClass" = "AppleARMIICUserClient"
|| |  |   "external-power-provider" = <f7000000>
|| |  |   "name" = <617564696f2d746173353737304c2d73706b722d6c00>
|| |  |   "speaker1" = <39000000>
|| |  | }
|| |  |
|| |  +-o AppleTAS5770LAmp  <class AppleTAS5770LAmp, id 0x1000003bf, registered, matched, active, busy 0 (13
ms), retain 13>
|| |  {
|| |     "IOClass" = "AppleTAS5770LAmp"
|| |     "CFBundleIdentifier" = "com.apple.driver.AppleTAS5770LAmp"
|| |     "IOProviderClass" = "AppleARMIICDevice"
|| |     "IOFunctionParent00000033" = <>
|| |     "CodecRegisterDisplayBase" = 0x10
|| |     "IOPowerManagement" =
{"DevicePowerState"=0x0,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"DriverPowerState"=
0x1}
|| |     "IOProbeScore" = 0x0
|| |     "IONameMatch" = ("audio-control,tas5770")
|| |     "IOMatchedAtBoot" = Yes
|| |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |     "CodecRegisterStartIndex" = 0x0
|| |     "CodecRegisterPatchList" = ()
|| |     "IOFunctionParent000000F8" = <>
|| |     "IONameMatched" = "audio-control,tas5770"
|| |     "IOPersonalityPublisher" = "com.apple.driver.AppleTAS5770LAmp"
|| |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleTAS5770LAmp"
|| |   }
|| |
|| +-o i2c3@3501C000  <class AppleARMIODevice, id 0x100000280, registered, matched, active, busy 0 (783 ms),
retain 10>
|| || {
|| || "gpio-iic_scl" = <490000000201010041500000>
|| || "compatible" = <6932632c7438313031006932632c73356c3839343078006969632c736f667400>
|| || "gpio-iic_sda" = <480000000201010041500000>
|| || "interrupt-parent" = <67000000>
|| || "interrupts" = <76020000>
|| || "clock-gates" = <2a000000>
|| || "clock-ids" = <04000000>
|| || "#address-cels" = <01000000>
|| || "reg" = <00c0013500000000040000000000000>
|| || "device_type" = <69326300>
|| || "#size-cells" = <03000000>
|| || "AAPL,phandle" = <37000000>
|| || "IOInterruptControllers" = ("IOInterruptController00000067")
|| || "IOInterruptSpecifiers" = (<76020000>)
|| || "function-device_reset" = <7e000000545352412a000000>
|| || "IODeviceMemory" = (({"address"=0x23501c000,"length"=0x4000}))
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"  Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "IOReportLegendPublic" = Yes
|| || "name" = <6932633300>
|| || }
|| ||
|| | +-o AppleS5L8940XI2CController  <class AppleS5L8940XI2CController, id 0x100000306, registered, matched,
active, busy 0 (700 ms), retain 7>
|| | | {
|| | |   "IOClass" = "AppleS5L8940XI2CController"
|| | |   "CFBundleIdentifier" = "com.apple.driver.AppleS5L8940XI2C"
|| | |   "IOProviderClass" = "AppleARMIODevice"
|| | |   "IOPlatformWakeAction" = 0x1f4
|| | |   "IOPlatformSleepAction" = 0x1f4
|| | |   "IOProbeScore" = 0x3e8
|| | |   "IONameMatch" = "i2c,s5l8940x"
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | |   "IONameMatched" = "i2c,s5l8940x"
|| | |   "IOPersonalityPublisher" = "com.apple.driver.AppleS5L8940XI2C"
|| | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleS5L8940XI2C"
|| | | }
|| | |
|| | +-o audio-codec-output@48  <class AppleARMIICDevice, id 0x10000037e, registered, matched, active, busy 0
(616 ms), retain 8>
|| | || {
|| | || "IOInterruptSpecifiers" = (<b700000001000000>)
|| | || "enable-ringsense" = <>
|| | || "samplerate-subset" = <0000000080bb00000000000000000000>
|| | || "AAPL,phandle" = <38000000>
|| | || "bits-per-sample-subset" = <18000000>
|| | || "external-power-provider" = <fa000000>
|| | || "ringsense-inverted" = <>
|| | || "IOReportLegendPublic" = Yes
|| | || "private" = <3100>
|| | || "function-codecinput_master" = <fd0000003144554163327061>
|| | || "IOInterruptControllers" = ("IOInterruptController0000006E")
```

```
|| | ||   "IOUserClientClass" = "AppleARMIICUserClient"
|| | ||   "name" = <617564696f2d636f6465632d6f757470757400>
|| | ||   "interrupt-parent" = <6e000000>
|| | ||   "function-reset" = <700000004f4950470b00000001000000>
|| | ||   "compatible" = <617564696f2d636f6e74726f6c2c637334326c383300>
|| | ||   "interrupts" = <b700000001000000>
|| | ||   "PowerOffAtSleep" = <01000000>
|| | ||   "mic-config" = <0100ffffffffffff>
|| | ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"        Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IO$
|| | ||   "device_type" = <617564696f2d636f6e74726f6c00>
|| | ||   "samplerate-default" = <0000000080bb0000>
|| | ||   "reg" = <48000000c4090000000000000000000000>
|| | ||   "function-codecinput_active" = <f200000052733269336e6970>
|| | ||}
|| | ||
|| | +-o AppleCS42L83Audio  <class AppleCS42L83Audio, id 0x1000003d1, registered, matched, active, busy 0 (389
ms), retain 16>
|| | | |{
|| | | |   "IOClass" = "AppleCS42L83Audio"
|| | | |   "IOPersonalityPublisher" = "com.apple.driver.AppleCS42L83Audio"
|| | | |   "IOMatchedAtBoot" = Yes
|| | | |   "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"DevicePowerState"=0x0,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState
"=0x1,"DriverPowerState"=0x1}
|| | | |   "IOProviderClass" = "AppleARMIICDevice"
|| | | |   "CodecRegisterStartIndex" = 0x0
|| | | |   "IOProbeScore" = 0x0
|| | | |   "MicDetect" = No
|| | | |   "HPDetect" = No
|| | | |   "IONameMatch" = ("audio-control,cs42l83")
|| | | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleCS42L83Audio"
|| | | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | | |   "CFBundleIdentifier" = "com.apple.driver.AppleCS42L83Audio"
|| | | |   "CodecRegisterPatchList" = ()
|| | | |   "IONameMatched" = "audio-control,cs42l83"
|| | | |   "IOFunctionParent000000FB" = <>
|| | | |   "DetectConfidence" = "CompleteFinal"
|| | | |   "ButtonDetect" = No
|| | | |   "IOFunctionParent00000038" = <>
|| | | |   "CodecRegisterDisplayBase" = 0x10
|| | | |}
|| | | |
|| | +-o AppleCS42L83Mikey  <class AppleCS42L83Mikey, id 0x1000006c1, registered, matched, active, busy 0
(385 ms), retain 9>
|| | | |{
|| | | |   "AppleVendorSupported" = Yes
|| | | |   "Transport" = "Audio"
|| | | |   "HIDDefaultBehavior" = Yes
|| | | |   "MaxInputReportSize" = 0x1
|| | | |   "IOReportLegendPublic" = Yes
|| | | |   "Manufacturer" = "Apple"
|| | | |   "Product" = "Headset"
|| | | |   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xc,"DeviceUsage"=0x1})
|| | | |   "ReportDescriptor" = <050c0901a101050c09cd09ea09e9150025019503750181029505810 5c0>
|| | | |   "MaxOutputReportSize" = 0x0
|| | | |   "IOUserClientClass" = "IOHIDLibUserClient"
|| | | |   "IOCFPlugInTypes" = {"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | | |   "PrimaryUsage" = 0x1
|| | | |   "DeviceTypeHint" = "Headset"
|| | | |   "Elements" =
({"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"Elements"=({"VariableSiz
e"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0xc,"Max"=0x1,"IsArray"=No,"Type"=0x2,"Size"=0x1,"Min"=0x0
,"Flags"=0x2,"ReportID"=0x0,"Usage"=0xcd,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"ReportSize"=0x1,"HasPref
erredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0x1,"ElementCookie"=0x4},
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0xc$
|| | | |   "ReportInterval" = 0x1f40
|| | | |   "IOReportLegend" = ({"IOReportGroupName"="IOHIDDevice Input Report
Errors","IOReportChannels"=((0x0,0x100020001,"Report
0")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="Input Report IDs"})
|| | | |   "PrimaryUsagePage" = 0xc
|| | | |   "DeviceOpenedByEventSystem" = Yes
|| | | |   "MaxFeatureReportSize" = 0x0
|| | | |   "InputReportElements" =
({"ReportID"=0x0,"ElementCookie"=0x7,"Size"=0x8,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x0,
"ReportSize"=0x8,"Usage"=0x0})
|| | | |}
|| | | |
|| | +-o IOHIDInterface  <class IOHIDInterface, id 0x1000006d1, registered, matched, active, busy 0 (378 ms),
retain 10>
|| | |   |{
|| | |   |   "MaxOutputReportSize" = 0x0
|| | |   |   "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
```

```
|| | |    |    "DeviceOpenedByEventSystem" = Yes
|| | |    |    "IOServiceDEXTEntitlements" = ("com.apple.developer.driverkit.transport.hid")
|| | |    |    "Product" = "Headset"
|| | |    |    "PrimaryUsage" = 0x1
|| | |    |    "IODEXTMatchCount" = 0x1
|| | |    |    "DeviceUsagePairs" = ({"DeviceUsagePage"=0xc,"DeviceUsage"=0x1})
|| | |    |    "Transport" = "Audio"
|| | |    |    "ReportInterval" = 0x1f40
|| | |    |    "ReportDescriptor" = <050c0901a101050c09cd09ea09e915002501950375018102950581 05c0>
|| | |    |    "HIDDefaultBehavior" = Yes
|| | |    |    "Manufacturer" = "Apple"
|| | |    |    "PrimaryUsagePage" = 0xc
|| | |    |    "MaxFeatureReportSize" = 0x0
|| | |    |    "MaxInputReportSize" = 0x1
|| | |    | }
|| | |    |
|| | |    +-o AppleUserHIDEventDriver  <class AppleUserHIDEventService, id 0x100000bde, registered, matched,
active, busy 0 (0 ms), retain 16>
|| | |    | {
|| | |    |    "kOSBundleDextUniqueIdentifier" =
<b796d15d9354eae826f370c78da5a69a0107352f2c064353231d0efec890df26>
|| | |    |    "PrimaryUsagePage" = 0xc
|| | |    |    "SensorProperties" = {}
|| | |    |    "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | |    |    "VersionNumber" = 0x0
|| | |    |    "VendorID" = 0x0
|| | |    |    "DeviceTypeHint" = "Headset"
|| | |    |    "IOUserServerOneProcess" = Yes
|| | |    |    "Product" = "Headset"
|| | |    |    "Transport" = "Audio"
|| | |    |    "IOServiceDEXTEntitlements" = "com.apple.developer.driverkit.family.hid.eventservice"
|| | |    |    "IOUserClasses" =
("AppleUserHIDEventDriver","AppleUserHIDEventService","IOUserHIDEventDriver","IOUserHIDEventService","IOHIDEventS
ervice","IOService","OSObject")
|| | |    |    "Manufacturer" = "Apple"
|| | |    |    "IOUserServerCDHash" = "85d8dcc838a8b05e57c0100225d2cdcb4c2086cc"
|| | |    |    "ProductID" = 0x0
|| | |    |    "DeviceUsagePairs" = ({"DeviceUsagePage"=0xc,"DeviceUsage"=0x1})
|| | |    |    "RegisterService" = No
|| | |    |    "Keyboard" =
{"Elements"=({"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0xc,"Max"=0x1,"IsArray"=No,"Type"
=0x2,"Size"=0x1,"Min"=0x0,"Flags"=0x2,"ReportID"=0x0,"Usage"=0xcd,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No
,"ReportSize"=0x1,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0x1,"Elem
entCookie"=0x4},
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0xc,"Max"=0x1,"IsArray"=No,"Type"=0x2,"Size"=0
x1,"Min"=0x0,"Flags"=0x2,"ReportID"=0x0,"U$
|| | |    |    "IOPowerManagement" =
{"DevicePowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x2,"MaxPowerState"=0x2}
|| | |    |    "IOUserServerName" = "com.apple.driverkit.AppleUserHIDDrivers"
|| | |    |    "ReportInterval" = 0x1f40
|| | |    |    "VendorIDSource" = 0x0
|| | |    |    "IOMatchedPersonality" =
{"IOUserClass"="AppleUserHIDEventDriver","CFBundleIdentifier"="com.apple.AppleUserHIDDrivers","IOUserServerOnePro
cess"=Yes,"IOClass"="AppleUserHIDEventService","IOUserServerCDHash"="85d8dcc838a8b05e57c0100225d2cdcb4c20
86cc","IOProviderClass"="IOHIDInterface","kOSBundleDextUniqueIdentifier"=<b796d15d9354eae826f370c78da5a69a010
7352f2c064353231d0efec890df26>,"CFBundleIdentifierKernel"="com.apple.iokit.IOHIDFamily","DeviceUsagePairs"=({"De
viceUsagePage"=0x1,"DeviceUsage"=0x1},{"DeviceUsagePage"=$
|| | |    |    "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"PressCountTriplePressTi
meout"=0xf4240,"HIDSlowKeysDelay"=0x0,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollA
cceleration"=0x5000,"HIDInitialKeyRepeat"=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeF
ingerDrag"=No,"MTGestureConfiguration"={"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"
=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HIDP$
|| | |    |    "CFBundleIdentifier" = "com.apple.AppleUserHIDDrivers"
|| | |    |    "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| | |    |    "IOProviderClass" = "IOHIDInterface"
|| | |    |    "IOUserClass" = "AppleUserHIDEventDriver"
|| | |    |    "LocationID" = 0x0
|| | |    |    "IOClass" = "AppleUserHIDEventService"
|| | |    |    "CFBundleIdentifierKernel" = "com.apple.iokit.IOHIDFamily"
|| | |    |    "PrimaryUsage" = 0x1
|| | |    |    "CountryCode" = 0x0
|| | |    |    "HIDServiceSupport" = Yes
|| | |    |    "SensorPropertySupported" = 0x0
|| | |    |    "IOMatchCategory" = "IODefaultMatchCategory"
|| | |    |    "IOGeneralInterest" = "IOCommand is not serializable"
|| | |    |    "IOProbeScore" = 0x47f
|| | |    |    "HIDDKStart" = Yes
|| | |    | }
|| | |    |
|| | |    +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000beb, !registered, !
matched, active, busy 0, retain 6>
|| | |        {
|| | |          "IOUserClientDefaultLockingSetProperties" = Yes
|| | |          "IOUserClientDefaultLocking" = Yes
|| | |          "IOUserClientCreator" = "pid 385, WindowServer"
|| | |          "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| | |          "IOUserClientEntitlements" = No
```

```
    || | |         "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
    || | |         }
    || | |
    || | +-o audio-tas5770L-spkr-r@34  <class AppleARMIICDevice, id 0x10000039c, registered, matched, active, busy 0
(17 ms), retain 8>
    || |    {
    || |      "device_type" = <617564696f2d636f6e74726f6c00>
    || |      "reg" = <34000000c4090000000000000000000000>
    || |      "IOUserClientClass" = "AppleARMIICUserClient"
    || |      "name" = <617564696f2d746173353737304c2d73706b722d7200>
    || |      "AAPL,phandle" = <39000000>
    || |      "compatible" = <617564696f2d636f6e74726f6c2c7461733537373000>
    || |    }
    || |
    || +-o fpwm@35044000  <class AppleARMIODevice, id 0x100000281, registered, matched, active, busy 0 (94 ms),
retain 9>
    || ||{
    || || "interrupt-parent" = <67000000>
    || || "compatible" = <6670776d2c7438313031006670776d2c73356c383932307800>
    || || "reg" = <00400435000000000040000000000000>
    || || "interrupts" = <79020000>
    || || "IODeviceMemory" = (({"address"=0x235044000,"length"=0x4000}))
    || || "clock-gates" = <25000000>
    || || "IOInterruptControllers" = ("IOInterruptController00000067")
    || || "IOInterruptSpecifiers" = (<79020000>)
    || || "device_type" = <6670776d00>
    || || "AAPL,phandle" = <3a000000>
    || || "name" = <6670776d00>
    || ||}
    || ||
    || | +-o AppleS5L8920XFPWM  <class AppleS5L8920XFPWM, id 0x100000308, registered, matched, active, busy 0
(84 ms), retain 6>
    || | |{
    || | | "IOClass" = "AppleS5L8920XFPWM"
    || | | "CFBundleIdentifier" = "com.apple.driver.AppleS5L8920XPWM"
    || | | "IOProviderClass" = "AppleARMIODevice"
    || | | "FPWM Frequency" = 0x0
    || | | "IOFunctionParent0000003A" = <>
    || | | "IOProbeScore" = 0x0
    || | | "IONameMatch" = "fpwm,s5l8920x"
    || | | "IOMatchedAtBoot" = Yes
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "IONameMatched" = "fpwm,s5l8920x"
    || | | "IOPersonalityPublisher" = "com.apple.driver.AppleS5L8920XPWM"
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleS5L8920XPWM"
    || | |}
    || | |
    || | +-o kbd-backlight@0  <class AppleARMPWMDevice, id 0x100000309, registered, matched, active, busy 0 (75
ms), retain 7>
    || |    {
    || |      "nits-to-pwm-percentage-part1" =
<8f020000a430000052b8010085eb03005c0f0600d7e307001f050900ec110a00291c0b0052380c00e13a0d0033330e0
0b81e0f001f4510009ad9100066e61100cdcc120085eb1200f6a813003dca1400b89e1500717d16000a5717006626180033
331900>
    || |      "high-period" = 0x9c
    || |      "AAPL,phandle" = <3b000000>
    || |      "reg" = <00000000>
    || |      "IOFunctionParent0000003B" = <>
    || |      "low-period" = 0x324
    || |      "device_type" = <6670776d00>
    || |      "pwm-frequency" = 0x16e3600
    || |      "amplitude" = 0x100000000
    || |      "enabled" = Yes
    || |      "default-hz" = <a8610000>
    || |      "name" = <6b62642d6261636b6c6967687400>
    || |      "nits-to-pwm-percentage-part2" =
<cdcc02009a9905006666080033330b0000000e00cdcc10009a9913006666160033331900000001c00cdcc1e009a9921
0066662400333327000002a00cdcc2c009a992f006666320033333500000038000cdcc3a009a993d00666640003333
4300000004600>
    || |    }
    || |
    || +-o alc0  <class AppleARMIODevice, id 0x100000282, registered, matched, active, busy 0 (574 ms), retain 9>
    || ||{
    || || "function-aop-device-control-id" = <69617068>
    || || "external-power-provider" = <ab00000078000000>
    || || "dma-channels" =
<ffffffff00000000000000000000000000000000000000000000000000000001000000210000000000000006009000
0c0030000000000000000000000000ffffffff0000000000000000000000000000000000000000000000000000000000
0001000000220000000000000060090000c00300000000000000000000000000>
    || || "compatible" = <616c6632c743831303300>
    || || "function-aop-device-control" = <780000006c744367>
    || || "function-admac_powerswitch" = <ab00000043535061>
    || || "alc-number" = <00000000>
    || || "dma-parent" = <ab000000>
    || || "device_type" = <69327300>
    || || "AAPL,phandle" = <3c000000>
    || || "name" = <616c6633000>
    || ||}
    || ||
```

    || | +-o AppleLEAPController_T8103 <class AppleLEAPController_T8103, id 0x10000030a, registered, matched, active, busy 0 (188 ms), retain 14>
    || | | {
    || | | "IOClass" = "AppleLEAPController_T8103"
    || | | "CFBundleIdentifier" = "com.apple.driver.AppleMCA2-T8103"
    || | | "IOProviderClass" = "AppleARMIODevice"
    || | | "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    || | | "IOProbeScore" = 0x0
    || | | "IONameMatch" = ("alc,t8103")
    || | | "IOMatchedAtBoot" = Yes
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "mca-uses-iopm-overrides" = "true"
    || | | "IONameMatched" = "alc,t8103"
    || | | "IOPersonalityPublisher" = "com.apple.driver.AppleMCA2-T8103"
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleMCA2-T8103"
    || | | }
    || | |
    || | +-o audio-leap-mic@4201 <class AppleARMIISDevice, id 0x10000075e, registered, matched, active, busy 0 (188 ms), retain 9>
    || | | {
    || | | "private" = <3100>
    || | | "device-uid" = <4469676974616c204d696300>
    || | | "input-data-selectors" = <31696d6932696d6933696d69>
    || | | "compatible" = <617564696f2d646174612c65787465726e616c00>
    || | | "AAPL,phandle" = <3d000000>
    || | | "reg" = <0142000003000100001bb700fa0001003000010000000000070000000003002001000000>
    || | | "Name" = "audio-leap-mic"
    || | | "device_type" = <6c6561702d617564696f2d6461746100>
    || | | "data-sources" = <6132706104000000010001000000000080bb00004c656170204d696300>
    || | | "audio-stream-formatter" = <7061656c>
    || | | "default-input-data-selectors" = <31696d6932696d6933696d69>
    || | | "device-name" = <4469676974616c204d696300>
    || | | "name" = <617564696f2d6c6561702d6d696300>
    || | | }
    || | |
    || | +-o Digital Mic <class AppleExternalSecondaryAudio, id 0x100000762, registered, matched, active, busy 0 (185 ms), retain 10>
    || | | {
    || | | "exclusive access owner" = 0xffffffffffffffff
    || | | "transport type" = 0x626c746e
    || | | "IOMatchedAtBoot" = Yes
    || | | "controls" = ({"control ID"=0x12c,"variant"=0x0,"selectors"=({"value"=0x61703261,"name"="Leap Mic"}),"scope"=0x676c6f62,"element"=0x0,"class"=0x64737263,"value"=0x61703261,"base class"=0x736c6374,"read only"=0x0},{"control ID"=0x130,"variant"=0x0,"selectors"=({"value"=0x696d6931,"name"="Internal microphone1 "},{"value"=0x696d6932,"name"="Internal microphone2 "},{"value"=0x696d6933,"name"="Internal microphone3 "}),"scope"=0x696e7074,"element"=0x0,"class"=0x64737263,"value"=(0x696d6931,0x696d6932,0x696d6933),"base class"=0x$
    || | | "input safety offset" = 0x72
    || | | "output latency" = 0x1
    || | | "device name" = "Digital Mic"
    || | | "IOFunctionParent0000003D" = <>
    || | | "IONameMatched" = "audio-data,external"
    || | | "output streams" = ()
    || | | "input streams" = ({"stream ID"=0x64,"starting channel"=0x1,"available formats"=({"bytes per frame"=0xc,"channels per frame"=0x3,"bits per channel"=0x20,"format flags"=0x9,"max sample rate"=0xbb8000000000,"bytes per packet"=0xc,"frames per packet"=0x1,"format ID"=0x6c70636d,"min sample rate"=0xbb8000000000}),"uses isolated IO"=0x0,"terminal type"=0x0,"current format"={"bytes per frame"=0xc,"sample rate"=0xbb8000000000,"channels per frame"=0x3,"bits per channel"=0x20,"format flags"=0x9,"bytes per packet"=0xc,"frames per pa$
    || | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedAudio"
    || | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    || | | "custom property info" = ({"property selector"=0x4d434373,"registry key"="maxChannelCount"})
    || | | "sample rate" = 0xbb8000000000
    || | | "safety-offset-seed-divisor" = 0x2ee
    || | | "device UID" = "Digital Mic"
    || | | "IOReporters" = Yes
    || | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedAudio"
    || | | "output safety offset" = 0x40
    || | | "is private" = Yes
    || | | "IOProviderClass" = "AppleARMIISDevice"
    || | | "bidirectional" = No
    || | | "is running" = No
    || | | "IONameMatch" = "audio-data,external"
    || | | "IOReportLegendPublic" = Yes
    || | | "IOClass" = "AppleExternalSecondaryAudio"
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedAudio"
    || | | "input latency" = 0x0
    || | | "device manufacturer" = "Apple Inc."
    || | | "current state" = "off"
    || | | "IOMatchCategory" = "AppleSecondaryAudio"
    || | | "clock domain" = 0x6d61696e
    || | | "IOProbeScore" = 0x0
    || | | "io buffer frame size" = 0x3de0
    || | | "IOReportLegend" = ({"IOReportGroupName"="Digital Mic","IOReportChannels"=((0x5359534c4153544d,0x180000001,"Sleep cycles with active streams"),(0x5a53544259584652,0x180000001,"Zero start byte transfers"),(0x4f42534259584652,0x180000001,"Out-of-bounds start byte

transfer")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Misc.
Debug Status"},{"IOReportGroupName"="Digital Mic","IOReportChannels"=((0x494e444d414d5247,0x2100040003,"Input
DMA Margin")),"IOReportChannelInfo"={"IOReportCh$
  || | | "maxChannelCount" = {"MaxInputChannelCount"=0x3,"MaxOutputChannelCount"=0x0}
  || | |}
  || | |
  || | +-o IOAudio2DeviceUserClient <class IOAudio2DeviceUserClient, id 0x100000bce, !registered, !matched,
active, busy 0, retain 5>
  || | {
  || | "IOUserClientCreator" = "pid 402, coreaudiod"
  || | "IOUserClientDefaultLocking" = Yes
  || | }
  || |
  || +-o wlan <class AppleARMIODevice, id 0x100000283, registered, matched, active, busy 0 (765 ms), retain 9>
  || ||{
  || || "module-instance" = <7368696b6f6b7500>
  || || "pcie-throttle-firmware-load" = <01000000>
  || || "interrupt-parent" = <6e000000>
  || || "interrupts" = <c400000002000000>
  || || "wlan.nan.enabled" = <01000000>
  || || "AAPL,phandle" = <3e000000>
  || || "IOInterruptSpecifiers" = (<c400000002000000>)
  || || "IOInterruptControllers" = ("IOInterruptController0000006E")
  || || "device_type" = <776c616e00>
  || || "local-mac-address" = <d45763cbd55d>
  || || "amfm-managed-port-control" = <>
  || || "function-sac" = <1a010000434341533064636c3164636c>
  || || "wlan.lowlatency" = <01000000>
  || || "wifi-antenna-sku-info" = <0100000000000000005833000000000000>
  || || "wifi-calibration-msf" =
<424c4f428c000000076ae283010000006000000030000008c000000dd0300001cdf44210000000300000069040
000ce0100001cdf44210000000040000037060000d00000001cdf4421000000000400000007070000d00000001cdf4
421000000000002000000d707000004000000f66413fd0000000001000000db070000640000005975d3f800000000db03
050000000010026020500027802780364036403640364036403640364036403640000bb010000161616161616160924004
949cdd1c8cdc3c8bdc3b6bdb0b7a8b0a0a899a1919a8991818a7a82727b6974626c5a65535d4955424e3a46333f34004a
4bced1c9cdc3c7bdc2b6bcb0b6a8afa$
  || || "name" = <776c616e00>
  || ||}
  || ||
  || |+-o AppleOLYHAL <class AppleOLYHAL, id 0x10000030c, registered, matched, active, busy 0 (196 ms), retain 15>
  || | |{
  || | | "IOClass" = "AppleOLYHAL"
  || | | "CFBundleIdentifier" = "com.apple.driver.AppleOLYHAL"
  || | | "IOProviderClass" = "AppleARMIODevice"
  || | | "wifi-module-sn" = <1f4bb3f001b3>
  || | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8002,"MaxPowerState"=0x1,"DriverPowerState"=
0x0}
  || | | "IOProbeScore" = 0x3e8
  || | | "IONameMatch" = "wlan"
  || | | "IOMatchedAtBoot" = Yes
  || | | "IOMatchCategory" = "AppleOLYHAL"
  || | | "FilesDB" = {}
  || | | "WiFiBootState" = Yes
  || | | "ModuleInfo" = "chip='s=B1' module='M=RASP m=6.5   V=u' prod='17445' manuf='5348'"
  || | | "LoggingBundleName" = "com.apple.driver.AppleOLYHAL"
  || | | "IONameMatched" = "wlan"
  || | | "IOPersonalityPublisher" = "com.apple.driver.AppleOLYHAL"
  || | | "vendor-id" = "USI"
  || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleOLYHAL"
  || | | "HWIdentifiers" = {"V"="u","M"="RASP","C"=0x111a,"s"="B1","P"="shikoku","m"="6.5"}
  || | | "IONetworkRootType" = "airport"
  || | |}
  || | |
  || | +-o CCPipe <class CCLogPipe, id 0x10000030e, registered, matched, active, busy 0 (178 ms), retain 10>
  || | ||{
  || | || "LogType" = 0x0
  || | || "IOClass" = "CCLogPipe"
  || | || "CompressionDisabled" = 0x0
  || | || "IOReportLegendPublic" = Yes
  || | || "Owner" = "com.apple.driver.AppleOLYHAL"
  || | || "LogDataType" = 0x1
  || | || "Name" = "DriverLogs"
  || | || "NumberOfFiles" = 0x1
  || | || "FileSize" = 0x200000
  || | || "LogPolicy" = 0x0
  || | || "NotifyThreshold" = 0x3e8
  || | || "MinLogSizeToNotify" = 0x1999
  || | || "Statistics" = {"timestamp"=0x9e4f5864ed13,"Errors"={"metaDataCounts:
invalidState"=0x0,"metaDataCounts: invalidPaddingSize"=0x0,"metaDataCounts:
invalidLogLevel"=0x0,"reserveRingEntryDrops"=0x0,"metaDataCounts: invalidPayloadSize"=0x0}}
  || | || "LogIdentifier" = "AppleOLYHAL_log"
  || | || "PipeType" = 0x0
  || | || "PipeSize" = 0x4000
  || | || "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001," Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001,"   Capture
Requests")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Pipe
DriverLogs"})

|| | || "FileOptions" = 0x0
|| | || "DirectoryName" = "WiFi"
|| | || "Filename" = "AppleOLYHAL_log"
|| | ||}
|| | ||
|| | +-o CCLogStream <class CCLogStream, id 0x10000030f, registered, matched, active, busy 0 (67 ms), retain 9>
|| | | {
|| | | "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001,"   Log
Calls"),(0x434353204c444343,0x180100001,"   Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001,"   Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001,"   Log Calls   [Alert]"),(0x434353204c4c4320,0x180100001,"   Log
Calls   [Crit]"),(0x434353204c4c5720,$
|| | | "Id" = 0x1
|| | | "IOClass" = "CCLogStream"
|| | | "CoreCaptureLevel" = 0x5
|| | | "CoreCaptureFlag" = 0x0
|| | | "ConsoleLevel" = 0x1
|| | | "IOReportLegendPublic" = Yes
|| | | "LogIdentifier" = "olyhal"
|| | | "Name" = "olyhalStream"
|| | | "ConsoleFlag" = 0x0
|| | | "MiscInfo" = 0x0
|| | | }
|| | |
|| | +-o CCPipe <class CCLogPipe, id 0x100000896, registered, matched, active, busy 0 (35 ms), retain 10>
|| | | |{
|| | | | "LogType" = 0x0
|| | | | "IOClass" = "CCLogPipe"
|| | | | "CompressionDisabled" = 0x0
|| | | | "IOReportLegendPublic" = Yes
|| | | | "Owner" = "com.apple.driver.AppleOLYHAL"
|| | | | "LogDataType" = 0x1
|| | | | "Name" = "uartFirmwareLogs"
|| | | | "NumberOfFiles" = 0x2
|| | | | "FileSize" = 0x200000
|| | | | "LogPolicy" = 0x0
|| | | | "NotifyThreshold" = 0x3e8
|| | | | "MinLogSizeToNotify" = 0x1000
|| | | | "Statistics" = {"timestamp"=0x9e4f58710e62,"Errors"={"metaDataCounts:
invalidState"=0x0,"metaDataCounts: invalidPaddingSize"=0x0,"metaDataCounts:
invalidLogLevel"=0x0,"reserveRingEntryDrops"=0x0,"metaDataCounts: invalidPayloadSize"=0x0}}
|| | | | "LogIdentifier" = "uartFirmwareLogs"
|| | | | "PipeType" = 0x0
|| | | | "PipeSize" = 0x2000
|| | | | "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001,"   Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001,"   Capture
Requests"))),"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Pipe
uartFirmwareLogs"})
|| | | | "FileOptions" = 0x0
|| | | | "DirectoryName" = "WiFi"
|| | | | "Filename" = "uartFirmwareLogs"
|| | | |}
|| | | |
|| | | +-o CCLogStream <class CCLogStream, id 0x100000897, registered, matched, active, busy 0 (0 ms), retain 7>
|| | | {
|| | | "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001,"   Log
Calls"),(0x434353204c444343,0x180100001,"   Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001,"   Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001,"   Log Calls   [Alert]"),(0x434353204c4c4320,0x180100001,"   Log
Calls   [Crit]"),(0x434353204c4c5720,$
|| | | "Id" = 0x1
|| | | "IOClass" = "CCLogStream"
|| | | "CoreCaptureLevel" = 0x7f
|| | | "CoreCaptureFlag" = 0x0
|| | | "ConsoleLevel" = 0xffffffffffffffff
|| | | "IOReportLegendPublic" = Yes
|| | | "LogIdentifier" = "uartFirmwareLogs"
|| | | "Name" = "UARTStream"
|| | | "ConsoleFlag" = 0x0
|| | | "MiscInfo" = 0x0
|| | | }
|| | |
|| | +-o uart2@35208000 <class AppleARMIODevice, id 0x100000284, registered, matched, active, busy 0 (397 ms),
retain 9>
|| | |{
|| | || "function-rts" = <6e0000004f4950479400000002000000>
|| | || "dma-types" = <0200000004000000>
|| | || "IOInterruptSpecifiers" = (<5f020000>)
|| | || "clock-gates" = <38000000>
|| | || "AAPL,phandle" = <3f000000>
|| | || "IODeviceMemory" = ((({"address"=0x235208000,"length"=0x4000}))
|| | || "IOReportLegendPublic" = Yes
|| | || "IOInterruptControllers" = ("IOInterruptController00000067")
|| | || "name" = <756172743200>
|| | || "interrupt-parent" = <67000000>
|| | || "compatible" = <756172742d312c73616d73756e6700>

```
   || || "clock-ids" = <4f01000004000000>
   || || "interrupts" = <5f020000>
   || || "dma-channels" =
<41000000000000000000000024000001200000000000000000000000000000004000000000000000000000000240
00000120000000000000000000000000000000000>
   || || "function-tx" = <6e0000004f4950479200000002010000>
   || || "uart-version" = <01000000>
   || || "dma-parent" = <91000000>
   || || "device_type" = <7561727400>
   || || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"         First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"        Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"  Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
   || || "reg" = <0080203500000000004000000000000000>
   || || }
   ||
   || | +-o AppleSamsungSerial  <class AppleSamsungSerial, id 0x100000312, !registered, !matched, active, busy 0 (21
ms), retain 6>
   || | | {
   || | |   "IOClass" = "AppleSamsungSerial"
   || | |   "CFBundleIdentifier" = "com.apple.driver.AppleSamsungSerial"
   || | |   "IOProviderClass" = "AppleARMIODevice"
   || | |   "IOTTYBaseName" = "wlan-debug"
   || | |   "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
   || | |   "IOProbeScore" = 0x0
   || | |   "IONameMatch" = ("uart-1,samsung")
   || | |   "IOMatchedAtBoot" = Yes
   || | |   "IOMatchCategory" = "IODefaultMatchCategory"
   || | |   "IONameMatched" = "uart-1,samsung"
   || | |   "IOPersonalityPublisher" = "com.apple.driver.AppleSamsungSerial"
   || | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleSamsungSerial"
   || | |   "IOTTYSuffix" = ""
   || | | }
   || | |
   || | +-o wlan-debug  <class AppleSimpleUARTSync, id 0x10000073a, registered, matched, active, busy 0 (21 ms),
retain 10>
   || | | {
   || | |   "IOTTYBaseName" = "wlan-debug"
   || | |   "serial state" = 0x0
   || | |   "serial flow control" = 0x0
   || | |   "serial parity" = 0x0
   || | |   "AAPL,phandle" = <40000000>
   || | |   "serial baud rate" = 0x0
   || | |   "HiddenPort" = Yes
   || | |   "serial data width" = 0x0
   || | |   "device_type" = <776c616e2d646562756700>
   || | |   "AppleOnboardSerialParent00000040" = <>
   || | |   "IOTTYSuffix" = ""
   || | |   "wlan.uart.baudrate" = <7a8e2f00>
   || | |   "name" = <776c616e2d646562756700>
   || | |   "serial stop bits" = 0x0
   || | | }
   || | |
   || | +-o AppleOnboardSerialBSDClient  <class AppleOnboardSerialBSDClient, id 0x100000743, !registered, !matched,
active, busy 0, retain 5>
   || | | {
   || | |   "IOProbeScore" = 0x3e8
   || | |   "CFBundleIdentifier" = "com.apple.driver.AppleOnboardSerial"
   || | |   "IOMatchCategory" = "AppleOnboardSerialBSDClient"
   || | |   "IOClass" = "AppleOnboardSerialBSDClient"
   || | |   "IOPersonalityPublisher" = "com.apple.driver.AppleOnboardSerial"
   || | |   "IOProviderClass" = "AppleOnboardSerialSync"
   || | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleOnboardSerial"
   || | |   "IOMatchedAtBoot" = Yes
   || | |   "IOResourceMatch" = "IOBSD"
   || | | }
   || | |
   || | +-o IOSerialBSDClient  <class IOSerialBSDClient, id 0x100000744, registered, matched, active, busy 0 (17 ms),
retain 5>
   || |     {
   || |       "IOClass" = "IOSerialBSDClient"
   || |       "CFBundleIdentifier" = "com.apple.iokit.IOSerialFamily"
   || |       "IOProviderClass" = "IOSerialStreamSync"
   || |       "IOTTYBaseName" = "wlan-debug"
   || |       "IOSerialBSDClientType" = "IOSerialStream"
   || |       "IOProbeScore" = 0x3e8
   || |       "IOResourceMatch" = "IOBSD"
   || |       "IOMatchedAtBoot" = Yes
   || |       "IOMatchCategory" = "IODefaultMatchCategory"
   || |       "IOTTYDevice" = "wlan-debug"
   || |       "IOCalloutDevice" = "/dev/cu.wlan-debug"
   || |       "IODialinDevice" = "/dev/tty.wlan-debug"
   || |       "IOPersonalityPublisher" = "com.apple.iokit.IOSerialFamily"
   || |       "CFBundleIdentifierKernel" = "com.apple.iokit.IOSerialFamily"
   || |       "IOTTYSuffix" = ""
   || |     }
   ||
   || +-o bluetooth  <class AppleARMIODevice, id 0x100000285, registered, matched, active, busy 0 (337 ms), retain 8>
```

```
|| ||{
|| ||   "IOInterruptSpecifiers" = (<8800000002000002>)
|| ||   "AAPL,phandle" = <41000000>
|| ||   "voice-record" = <>
|| ||   "IOReportLegendPublic" = Yes
|| ||   "local-mac-address" = <d45763d0d7d3>
|| ||   "supported-profiles" = <fb2f0000>
|| ||   "function-int_timestamp" = <6700000074434941c0000000>
|| ||   "IOInterruptControllers" = ("IOInterruptController0000006E")
|| ||   "bluetooth-taurus-calibration-bf" =
<424c4f4264000000a73da96e0100000004000000010000064000000600d00001cdf44210000000002000000c40d000
00ac0200001cdf4421000000005000000701000007c0100001cdf44210100000003000000ec11000064000000e703d3d
700000000600d0300000001000140090002091417213240e4e090008161e2b353b424e09000a12191a323c3f4e0900010f
14212b3a4a4e0900091726272937494e090008151c2b353a414e090011262729333f4c4e0900020e12222a3a494e00000
00056470e0147484142484543454c554745463f40464341434a440e0147494a45464c49474951380f01484a4b46464b
4846484f01005447$
|| ||   "name" = <626c7565746f6f746800>
|| ||   "vendor-id" = <ac050000>
|| ||   "interrupt-parent" = <6e000000>
|| ||   "transport-encoding" = <07000000>
|| ||   "coex" = <02000000>
|| ||   "compatible" = <626c7565746f6f74682c6e383800>
|| ||   "function-bootstrap_lock" = <4b434f4c>
|| ||   "interrupts" = <8800000002000002>
|| ||   "product-id" = <a0120000>
|| ||   "bootstrap-delay" = <64000000>
|| ||   "bluetooth-taurus-calibration" =
<424c4f4264000000f21fa1e80100000004000000010000064000000600d00001cdf44210000000002000000c40d000
0ac0200001cdf4421000000005000000701000007c0100001cdf44210000000003000000ec1100064000000049a5c8d
300000000600d0300000001000140090002091417213240e4e090008161e2b353b424e09000a12191a323c3f4e0900010f
14212b3a4a4e0900091726272937494e090008151c2b353a414e090011262729333f4c4e0900020e12222a3a494e00000
00056470e0147484142484543454c554745463f40464341434a440e0147494a45464c49474951380f01484a4b46464b
4846484f010054470e0$
|| ||   "device_type" = <626c7565746f6f746800>
|| ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"           First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"         Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)"))"IORepo$
|| ||}
|| ||
|| | +-o AppleBluetoothModule  <class AppleBluetoothModule, id 0x100000313, registered, matched, active, busy 0
(107 ms), retain 12>
|| | |{
|| | |   "IOClass" = "AppleBluetoothModule"
|| | |   "CFBundleIdentifier" = "com.apple.driver.AppleBluetoothModule"
|| | |   "IOProviderClass" = "AppleARMIODevice"
|| | |   "Time Sync" = Yes
|| | |   "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8002,"MaxPowerState
"=0x1,"DriverPowerState"=0x0}
|| | |   "IOUserClientClass" = "AppleBluetoothModuleUserClient"
|| | |   "IOProbeScore" = 0x0
|| | |   "IONameMatch" = "bluetooth"
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "IOMatchCategory" = "AppleBluetoothModule"
|| | |   "IOGeneralInterest" = "IOCommand is not serializable"
|| | |   "IONameMatched" = "bluetooth"
|| | |   "IOPersonalityPublisher" = "com.apple.driver.AppleBluetoothModule"
|| | |   "autoOn" = No
|| | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleBluetoothModule"
|| | |   "InReset" = No
|| | |}
|| | |
|| | +-o BTDebug  <class BTDebug, id 0x100000796, registered, matched, active, busy 0 (9 ms), retain 7>
|| | ||{
|| | ||   "IOProbeScore" = 0x0
|| | ||   "CFBundleIdentifier" = "com.apple.driver.AppleBluetoothDebug"
|| | ||   "IOMatchCategory" = "BTDebug"
|| | ||   "IOClass" = "BTDebug"
|| | ||   "IOPersonalityPublisher" = "com.apple.driver.AppleBluetoothDebug"
|| | ||   "IOProviderClass" = "AppleBluetoothModule"
|| | ||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleBluetoothDebug"
|| | ||   "IOMatchedAtBoot" = Yes
|| | ||   "IOUserClientClass" = "BTDebugUserClient"
|| | ||   "IOReportLegendPublic" = Yes
|| | ||   "IOReportLegend" = ({"IOReportChannels"=((0x4c6f675265616453,0x180000001,"Read Success Count"),
(0x4c6f675265616446,0x180000001,"Read Failure Count"),(0x4c6f6744756d7073,0x180000001,"Log Dump
Count"))"IOReportGroupName"="Logging Global","IOReportChannelInfo"={"IOReportChannelUnit"=0x0}},
{"IOReportChannels"=((0x4c6f674e6d627200,0x180000001,"Number of Logs"),
(0x4c6f674279746500,0x180000001,"Number of Bytes"))"IOReportGroupName"="RealTime
Logs","IOReportChannelInfo"={"IOReportChannelUnit"=0x0}},{"IOReportChannels"=((0x4c6f674$
|| | ||}
|| | ||
|| | +-o CCPipe  <class CCDataPipe, id 0x100000799, registered, matched, active, busy 0 (8 ms), retain 10>
|| | | |{
|| | | |   "LogType" = 0x2
|| | | |   "IOClass" = "CCDataPipe"
|| | | |   "CompressionDisabled" = 0x0
```

```
|| | | |   "IOReportLegendPublic" = Yes
|| | | |   "Owner" = "com.apple.driver.BTDebug"
|| | | |   "LogDataType" = 0x2
|| | | |   "Name" = "StateDump"
|| | | |   "NumberOfFiles" = 0x0
|| | | |   "FileSize" = 0x0
|| | | |   "LogPolicy" = 0x0
|| | | |   "NotifyThreshold" = 0x0
|| | | |   "MinLogSizeToNotify" = 0x0
|| | | |   "Statistics" = {"timestamp"=0x0,"Errors"={"metaDataCounts: invalidState"=0x0,"metaDataCounts:
invalidPaddingSize"=0x0,"metaDataCounts: invalidLogLevel"=0x0,"reserveRingEntryDrops"=0x0,"metaDataCounts:
invalidPayloadSize"=0x0}}
|| | | |   "LogIdentifier" = ""
|| | | |   "PipeType" = 0x1
|| | | |   "PipeSize" = 0x40
|| | | |   "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001,"   Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001,"                    Capture
Requests"))),"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Pipe
StateDump"})
|| | | |   "FileOptions" = 0x0
|| | | |   "DirectoryName" = "BT"
|| | | |   "Filename" = ""
|| | | |}
|| | | |
|| | | +-o CCDataStream  <class CCDataStream, id 0x10000079a, registered, matched, active, busy 0 (3 ms), retain
7>
  || | | |   {
  || | | |     "IOClass" = "CCDataStream"
  || | | |     "LogIdentifier" = ""
  || | | |     "Name" = "StateDump"
  || | | |     "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001,"                 Log
Calls"),(0x434353204c444343,0x180100001,"      Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001,"          Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001,"                    Log Calls    [Alert]"),(0x434353204c4c4320,0x180100001,"        Log
Calls    [Crit]"),(0x434353204c4c572$
  || | | |     "IOReportLegendPublic" = Yes
  || | | |     "Id" = 0x1
  || | | |   }
  || | | |
  || | | +-o AppleConvergedIPCOLYBTControl  <class AppleConvergedIPCOLYBTControl, id 0x100000797, registered,
matched, active, busy 0 (90 ms), retain 25>
  || | |   |{
  || | |   |   "IOClass" = "AppleConvergedIPCOLYBTControl"
  || | |   |   "memory_alloc_limit" = 0xa00000
  || | |   |   "IOPersonalityPublisher" = "com.apple.driver.AppleConvergedIPCOLYBTControl"
  || | |   |   "IOResourceMatch" = "IOBSD"
  || | |   |   "lowpower_support" = {"ios"=No,"macos"=Yes}
  || | |   |   "IOMatchedAtBoot" = Yes
  || | |   |   "IOProviderClass" = "AppleBluetoothModule"
  || | |   |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8002,"MaxPowerState"=0x1,"DriverPowerState"=
0x0}
  || | |   |   "IOProbeScore" = 0x0
  || | |   |   "IOUserClientClass" = "AppleConvergedIPCControlUserClient"
  || | |   |   "bootstage" = 0x3
  || | |   |   "devicematch" = Yes
  || | |   |   "RTIDevice_V2" = {"di_msi"=0x0,"completion_ring"=({"count"=0x80,"setting"={"accum delay"=0x0,"intmod
delay"=0x0,"msi"=0x0,"doorbell"={"time"=0x3e8,"threshold"=0x50},"accum bytes"=0x0,"intmod bytes"=0xffffffffffffffff}},
{"count"=0x100,"setting"={"accum delay"=0x0,"intmod
delay"=0x3e8,"msi"=0x0,"doorbell"={"time"=0x3e8,"threshold"=0x50},"accum bytes"=0x0,"intmod
bytes"=0xffffffffffffffff}},{"count"=0x100,"foot_size"=0x43,"setting"={"accum delay"=0x0,"intmod
delay"=0x3e8,"msi"=0x0,"doorbell"={"time"=0x3e8,"threshold"=0x50},"ac$
  || | |   |   "RTIDevice" = {"di_msi"=0x0,"completion_ring"=({"count"=0x80,"setting"={"accum delay"=0x0,"intmod
delay"=0x0,"msi"=0x0,"doorbell"={"time"=0x3e8,"threshold"=0x50},"accum bytes"=0x0,"intmod bytes"=0xffffffffffffffff}},
{"count"=0x100,"setting"={"accum delay"=0x0,"intmod
delay"=0x3e8,"msi"=0x0,"doorbell"={"time"=0x3e8,"threshold"=0x50},"accum bytes"=0x0,"intmod
bytes"=0xffffffffffffffff}},{"count"=0x100,"foot_size"=0x43,"setting"={"accum delay"=0x0,"intmod
delay"=0x3e8,"msi"=0x0,"doorbell"={"time"=0x3e8,"threshold"=0x50},"accum$
  || | |   |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleConvergedIPCOLYBTControl"
  || | |   |   "num_addr_bits" = {"ios"=0x40,"macos"=0x20}
  || | |   |   "IOMatchCategory" = "AppleConvergedIPCOLYBTControl"
  || | |   |   "CFBundleIdentifier" = "com.apple.driver.AppleConvergedIPCOLYBTControl"
  || | |   |   "logSnapshotBufferSize" = 0x10000
  || | |   |   "IOGeneralInterest" = "IOCommand is not serializable"
  || | |   |   "read_otp" = {"ios"=No,"macos"=Yes}
  || | |   |}
  || | |   |
  || | |   +-o AppleConvergedIPCOLYBTCoreDumpProvider  <class AppleConvergedIPCOLYBTCoreDumpProvider, id
0x1000007b2, registered, matched, active, busy 0 (5 ms), retain 6>
  || | |   | | {
  || | |   | |   "IOProbeScore" = 0x0
  || | |   | |   "CFBundleIdentifier" = "com.apple.driver.AppleConvergedIPCOLYBTControl"
  || | |   | |   "IOMatchCategory" = "AppleConvergedIPCOLYBTCoreDumpProvider"
  || | |   | |   "IOClass" = "AppleConvergedIPCOLYBTCoreDumpProvider"
  || | |   | |   "IOPersonalityPublisher" = "com.apple.driver.AppleConvergedIPCOLYBTControl"
  || | |   | |   "IOProviderClass" = "AppleConvergedIPCOLYBTControl"
  || | |   | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleConvergedIPCOLYBTControl"
```

```
|| |  |    "IOMatchedAtBoot" = Yes
|| |  |  }
|| |  |
|| |  +-o AppleConvergedIPCRTIDevice  <class AppleConvergedIPCRTIDevice, id 0x100000c16, registered, matched,
active, busy 0 (2 ms), retain 14>
|| |  |{
|| |  |}
|| |  |
|| |  +-o AppleConvergedIPCRTIInterface  <class AppleConvergedIPCRTIInterface, id 0x100000c17, registered,
matched, active, busy 0 (1 ms), retain 22>
|| |  ||{
|| |  ||  "ACIPCInterfaceProtocol" = "hci"
|| |  ||  "ACIPCInterfaceUnit" = 0x0
|| |  ||  "ACIPCInterfaceTransport" = "skywalk"
|| |  ||}
|| |  ||
|| |  |+-o AppleConvergedIPCSkywalkInterface  <class AppleConvergedIPCSkywalkInterface, id 0x100000c18,
registered, matched, active, busy 0 (1 ms), retain 8>
|| |  | |{
|| |  | |}
|| |  | |
|| |  | +-o IOSkywalkKernelPipeBSDClient  <class IOSkywalkKernelPipeBSDClient, id 0x100000c1b, registered,
matched, active, busy 0 (0 ms), retain 8>
|| |  |   {
|| |  |     "IOClass" = "IOSkywalkKernelPipeBSDClient"
|| |  |     "CFBundleIdentifier" = "com.apple.iokit.IOSkywalkFamily"
|| |  |     "IOProviderClass" = "IOSkywalkInterface"
|| |  |     "IOSkywalkNexusUUID" = "88950CEC-37C5-4237-9416-B93B47ECCE5F"
|| |  |     "IOResourceMatch" = "IOBSD"
|| |  |     "IOProbeScore" = 0x0
|| |  |     "IOMatchedAtBoot" = Yes
|| |  |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |  |     "IOReportLegend" = ({"IOReportGroupName"="RX Completion
Queue","IOReportChannels"=((0x534b726300000000,0x180000001,"Enabled"),
(0x534b726300000001,0x180000001,"Capacity"),(0x534b726300000002,0x180000001,"Buffer Size"),
(0x534b726300000003,0x180000001,"Queue State"),(0x534b726300000004,0x180000001,"Packet Count"),
(0x534b726300000005,0x180000001,"Queue Full Count"),(0x534b726300000006,0x180000001,"Request EQ Sync
Path"),(0x534b726300000007,0x180000001,"Request EQ Async Path"),(0x534b726300000008,0x180000001,"Pkt Cnt"),
($
|| |  |     "IOReportLegendPublic" = Yes
|| |  |     "IOPersonalityPublisher" = "com.apple.iokit.IOSkywalkFamily"
|| |  |     "CFBundleIdentifierKernel" = "com.apple.iokit.IOSkywalkFamily"
|| |  |   }
|| |  |
|| |  +-o AppleConvergedIPCRTIInterface  <class AppleConvergedIPCRTIInterface, id 0x100000c19, registered,
matched, active, busy 0 (1 ms), retain 22>
|| |  ||{
|| |  ||  "ACIPCInterfaceProtocol" = "sco"
|| |  ||  "ACIPCInterfaceUnit" = 0x1
|| |  ||  "ACIPCInterfaceTransport" = "skywalk"
|| |  ||}
|| |  ||
|| |  |+-o AppleConvergedIPCSkywalkInterface  <class AppleConvergedIPCSkywalkInterface, id 0x100000c1a,
registered, matched, active, busy 0 (1 ms), retain 8>
|| |  | |{
|| |  | |}
|| |  | |
|| |  | +-o IOSkywalkKernelPipeBSDClient  <class IOSkywalkKernelPipeBSDClient, id 0x100000c1e, registered,
matched, active, busy 0 (1 ms), retain 8>
|| |  |   {
|| |  |     "IOClass" = "IOSkywalkKernelPipeBSDClient"
|| |  |     "CFBundleIdentifier" = "com.apple.iokit.IOSkywalkFamily"
|| |  |     "IOProviderClass" = "IOSkywalkInterface"
|| |  |     "IOSkywalkNexusUUID" = "8CC75596-0788-4943-BA65-F8A2E12C6A8D"
|| |  |     "IOResourceMatch" = "IOBSD"
|| |  |     "IOProbeScore" = 0x0
|| |  |     "IOMatchedAtBoot" = Yes
|| |  |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |  |     "IOReportLegend" = ({"IOReportGroupName"="RX Completion
Queue","IOReportChannels"=((0x534b726300000000,0x180000001,"Enabled"),
(0x534b726300000001,0x180000001,"Capacity"),(0x534b726300000002,0x180000001,"Buffer Size"),
(0x534b726300000003,0x180000001,"Queue State"),(0x534b726300000004,0x180000001,"Packet Count"),
(0x534b726300000005,0x180000001,"Queue Full Count"),(0x534b726300000006,0x180000001,"Request EQ Sync
Path"),(0x534b726300000007,0x180000001,"Request EQ Async Path"),(0x534b726300000008,0x180000001,"Pkt Cnt"),
($
|| |  |     "IOReportLegendPublic" = Yes
|| |  |     "IOPersonalityPublisher" = "com.apple.iokit.IOSkywalkFamily"
|| |  |     "CFBundleIdentifierKernel" = "com.apple.iokit.IOSkywalkFamily"
|| |  |   }
|| |  |
|| |  +-o AppleConvergedIPCRTIInterface  <class AppleConvergedIPCRTIInterface, id 0x100000c1c, registered,
matched, active, busy 0 (1 ms), retain 23>
|| |  ||{
|| |  ||  "ACIPCInterfaceProtocol" = "acl"
|| |  ||  "ACIPCInterfaceUnit" = 0x2
|| |  ||  "ACIPCInterfaceTransport" = "skywalk"
|| |  ||}
|| |  ||
|| |  |+-o AppleConvergedIPCSkywalkInterface  <class AppleConvergedIPCSkywalkInterface, id 0x100000c1d,
registered, matched, active, busy 0 (1 ms), retain 8>
```

```
|| |   |  |{
|| |   |  |}
|| |   |  |
|| |   |  +-o IOSkywalkKernelPipeBSDClient  <class IOSkywalkKernelPipeBSDClient, id 0x100000c20, registered,
matched, active, busy 0 (1 ms), retain 8>
|| |   |    {
|| |   |      "IOClass" = "IOSkywalkKernelPipeBSDClient"
|| |   |      "CFBundleIdentifier" = "com.apple.iokit.IOSkywalkFamily"
|| |   |      "IOProviderClass" = "IOSkywalkInterface"
|| |   |      "IOSkywalkNexusUUID" = "8A1DB168-AD29-4923-9B68-09F7C6A7C481"
|| |   |      "IOResourceMatch" = "IOBSD"
|| |   |      "IOProbeScore" = 0x0
|| |   |      "IOMatchedAtBoot" = Yes
|| |   |      "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |      "IOReportLegend" = ({"IOReportGroupName"="RX Completion
Queue","IOReportChannels"=((0x534b726300000000,0x180000001,"Enabled"),
(0x534b726300000001,0x180000001,"Capacity"),(0x534b726300000002,0x180000001,"Buffer Size"),
(0x534b726300000003,0x180000001,"Queue State"),(0x534b726300000004,0x180000001,"Packet Count"),
(0x534b726300000005,0x180000001,"Queue Full Count"),(0x534b726300000006,0x180000001,"Request EQ Sync
Path"),(0x534b726300000007,0x180000001,"Request EQ Async Path"),(0x534b726300000008,0x180000001,"Pkt Cnt"),
($
|| |   |      "IOReportLegendPublic" = Yes
|| |   |      "IOPersonalityPublisher" = "com.apple.iokit.IOSkywalkFamily"
|| |   |      "CFBundleIdentifierKernel" = "com.apple.iokit.IOSkywalkFamily"
|| |   |    }
|| |   |
|| |   +-o AppleConvergedIPCRTIInterface  <class AppleConvergedIPCRTIInterface, id 0x100000c1f, registered,
matched, active, busy 0 (1 ms), retain 8>
|| |     |{
|| |     |  "ACIPCInterfaceProtocol" = "debug"
|| |     |  "ACIPCInterfaceTransport" = "userclient"
|| |     |  "IOUserClientClass" = "AppleConvergedIPCUserClient"
|| |     |  "ACIPCInterfaceUnit" = 0x3
|| |     |}
|| |     |
|| |     +-o AppleConvergedIPCOLYBTLogProvider  <class AppleConvergedIPCOLYBTLogProvider, id 0x100000c21,
registered, matched, active, busy 0 (0 ms), retain 6>
|| |       {
|| |         "IOProbeScore" = 0x2710
|| |         "CFBundleIdentifier" = "com.apple.driver.AppleConvergedIPCOLYBTControl"
|| |         "IOMatchCategory" = "AppleConvergedIPCOLYBTLogProvider"
|| |         "IOClass" = "AppleConvergedIPCOLYBTLogProvider"
|| |         "IOPersonalityPublisher" = "com.apple.driver.AppleConvergedIPCOLYBTControl"
|| |         "IOProviderClass" = "AppleConvergedIPCRTIInterface"
|| |         "CFBundleIdentifierKernel" = "com.apple.driver.AppleConvergedIPCOLYBTControl"
|| |         "IOMatchedAtBoot" = Yes
|| |         "ACIPCInterfaceProtocol" = "debug"
|| |       }
|| |
|| +-o apcie@90000000  <class AppleARMIODevice, id 0x100000286, registered, matched, active, busy 0 (12548 ms),
retain 10>
|| ||{
|| ||  "pci-aer-correctable" = <00000000>
|| ||  "lane-cfg" = <00000000>
|| ||  "bus-range" = <0000000008000000>
|| ||  "dev-range" = <00000000ff000000>
|| ||  "msi-parent-controller" = <67000000>
|| ||  "#size-cells" = <02000000>
|| ||  "interrupt-parent" = <67000000>
|| ||  "#msi-vectors" = <20000000>
|| ||  "msi-address" = <00f0ffff00000000>
|| ||  "interrupts" = <b7020000ba020000bd020000>
|| ||  "apcie-common-tunables" =
<2c00000004000000ff00000000000000010000000000000054000000040000000ffffffff0000000040010000000000000
>
|| ||  "#ports" = <03000000>
|| ||  "link-state-power" = <0000000000000000000000000000000000>
|| ||  "msi-vector-offset" = <c0020000>
|| ||  "IODTPersist" = 0x0
|| ||  "clock-gates" = <4d000000610000001d000000>
|| ||  "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067")
|| ||  "IOPCIConfigured" = Yes
|| ||  "pci-aer-uncorrectable" = <01000000>
|| ||  "apcie-phy-tunables" =
<0800000004000000010000000000000001000000000000004400000040000077000000000000003500000000
0000004800000040000077000000000000003500000000000004c00000040000077000000000000003500000
000000000>
|| ||  "IODeviceMemory" = (({"address"=0x690000000,"length"=0x10000000}),
({"address"=0x680000000,"length"=0x4000}),({"address"=0x680080000,"length"=0x90000}),
({"address"=0x6800c0000,"length"=0x20000}),({"address"=0x68c000000,"length"=0x4000}),
({"address"=0x23d2bc000,"length"=0x1000}),({"address"=0x681000000,"length"=0x8000}),
({"address"=0x681010000,"length"=0x1000}),({"address"=0x680084000,"length"=0x4000}),
({"address"=0x6800c8000,"length"=0x8000}),({"address"=0x68100c000,"length"=0x4000}),
({"address"=0x682000000,"length"=0x8000}),({"$
|| ||  "ranges" =
<00000043000000a006000000000000a0060000000000000200000000000000020000000c000000000000000c0060
00000000000400000000>
|| ||  "AAPL,phandle" = <42000000>
|| ||  "power-gates" = <4d000000610000001d000000>
```

|| || "name" = <617063696500>
|| || "function-debug_gpio" = <6e0000004f495047bb00000001010000>
|| || "apcie-axi2af-tunables" =
<00000000040000000300000000000000000000000000000000380000000040000000ffffffff00000000ffff000000000000
3c0000000400000000ffffffff00000000ffff0000000000000000400000400000000ff030140000000000100014000000000000
0600000040000000ffffff0100000000ffffff0100000000380700000400000000ff01ff0100000000020002000000000000980700
0004000000ff01ff0100000000010006000000000000000000800000004000000000010000000000000000001000000000000>
|| || "device_type" = <70636900>
|| || "compatible" = <61706369652c743831303300>
|| || "apcie-phy-ip-auspma-tunables" =
<0ca1000004000000ffffff3f00000000ffffff3f0000000024d0000004000000ee000000000000002c0000000000000028
b000000040000000006000000000000000060000000000002cb0000004000000700000000000000005000000000000000
0038b0000004000000000080030000000000000003000000003cb000000400000000000700000000000000000700
00000044b000000400000000000f0000000000000070000000001cb0000004000000ff0ffc07000000000210cc0010
000000008c000000400000000fc0000000000000038000000000000030c0000004000000c03f000000000000002a00
000000000080c0000004000000000>$
|| || "IOReportLegendPublic" = Yes
|| || "apcie-phy-ip-pll-tunables" =
<2c0000000400000000fe010000000000009000000000000000120000040000000fc03000000000000c0030000000
0002c40000004000000003c0000000000000040000000000805000000040000000fc3f0000000000008c2900
0000008850000004000000000f000000000000000600000000008c500000040000000000fc3f00000000008c2
90000000094500000040000000000f00000000000006000000000a0500000400000000000f000000000000000
050000000000ac500000040000000f0000000000000050000000000b8500000040000000000f00000000000000
0000500000000000520000040000000060000>$
|| || "reg" =
<0000009060000000000000010000000000000800600000000040000000000000000088006000000000009000000
0000000000c8006000000000000200000000000008c06000000004000000000000000c02b3d000000000010000
0000000000000008106000000008000000000000000001810600000001000000000000000040088006000000040
00000000000000800c80060000000008000000000000000c000810600000000400000000000000000008206000000
0080000000000000000182060000000010000000000000800880060000000400000000000000000d800600
000000080000000000000000c0008206000000040000000000000000830600>$
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "#address-cells" = <03000000>
|| || "IOInterruptSpecifiers" = (<b7020000>,<ba020000>,<bd020000>)
|| ||}
|| ||
|| |+-o AppleT8103PCIe <class AppleT8103PCIe, id 0x100000314, registered, matched, active, busy 0 (12342 ms),
retain 9>
|| | |{
|| | | "IOClass" = "AppleT8103PCIe"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleT8103PCIe"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOPlatformActiveAction" = 0x5dc
|| | | "IOUserClientClass" = "AppleEmbeddedPCIEUserClient"
|| | | "IOPlatformQuiesceAction" = 0xfa0
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = "apcie,t8103"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IOReportLegend" =
({"IOReportGroupName"="AppleEmbeddedPCIE","IOReportChannels"=((0x4c537450727430,0x400020002,"PCIe Port 0
Link States")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x100007900000000},"IOReportSubGroupName"="Link
States"},{"IOReportChannels"=((0x4576303050727430,0x180000001,"Port 0 Enable Request   "),
(0x4576303150727430,0x180000001,"Port 0 Enable Complete   "),(0x4576303250727430,0x180000001,"Port 0
Disable Request   "),(0x4576303350727430,0x180000001,"Port 0 Disa$
|| | | "IOReportLegendPublic" = Yes
|| | | "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x102,"MaxPowerState"=0x3}
|| | | "IONameMatched" = "apcie,t8103"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8103PCIe"
|| | | "IOFunctionParent00000042" = <>
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8103PCIe"
|| | |}
|| | |
|| | +-o pci-bridge0@0 <class IOPCIDevice, id 0x100000437, registered, matched, active, busy 0 (12343 ms), retain
12>
|| | | |{
|| | | | "pci-max-payload-size" = <00000000>
|| | | | "IOPCIExpressLinkCapabilities" = 0x737814
|| | | | "manual-enable-s2r" = <>
|| | | | "vendor-id" = <6b100000>
|| | | | "class-code" = <00040600>
|| | | | "#msi-vectors" = <08000000>
|| | | | "IOName" = "pci-bridge"
|| | | | "#size-cells" = <02000000>
|| | | | "pcie-rc-gen3-shadow-tunables" =
<540100000400000000f0f00000000000000404000000000000900800000400000000000003000000000000000000000
0000a808000004000000000ffff00000000000010000000000000>
|| | | | "function-dart_force_active" = <4600000074636146>
|| | | | "function-dart_self" = <46000000666c6553>
|| | | | "pcie-rc-gen4-shadow-tunables" =
<780100000400000000ff000000000000004400000000000000900800000400000000000003000000000000000010000
0000a808000004000000000ffff00000000000010000000000000>
|| | | | "t-refclk-to-perst" = <64000000>
|| | | | "pcidebug" = "0:0:0(1:1)"

```
|| |   |   "apcie-port" = <00000000>
|| |   |   "IOPCIExpressLinkStatus" = 0x1011
|| |   |   "IOPCIExpressCapabilities" = 0x42
|| |   |   "maximum-link-speed" = <02000000>
|| |   |   "IOServiceDEXTEntitlements" =
(("com.apple.developer.driverkit.transport.pci","com.apple.developer.driverkit.transport.pci.bridge"))
|| |   |   "IOPCIConfigured" = Yes
|| |   |   "IOInterruptControllers" = ("apcie-0")
|| |   |   "IODTPersist" = 0x0
|| |   |   "pci-aspm-default" = 0x2
|| |   |   "built-in" = <>
|| |   |   "IOPCIResourced" = Yes
|| |   |   "function-dart_release_sid" = <460000006c655253>
|| |   |   "pcie-rc-tunables" =
<940100000400000000fffb0000000000000000000000000a402000004000000000008000000000000000000000
0000090080000040000000100000000000000000000000000000800b0000040000003f3f7f3f0000000020321f1d000
000000840b0000040000003f3f0000000000003f3f000000000000780000000400000007000000000000000000000000
0000000>
|| |   |   "AAPL,phandle" = <43000000>
|| |   |   "ranges" =
<00000082000c0000000000000082000c0000000000000d0000000000000000c20000000000000000000
000c200000000000000000000000000000000000000008100000000000000000000008100000000000000000000000
0000000000>
|| |   |   "name" = <7063692d6272696467653000>
|| |   |   "IOPowerManagement" =
{"CapabilityFlags"=0x102,"ChildProxyPowerState"=0x2,"MaxPowerState"=0x3,"DevicePowerState"=0x0,"ChildrenPowerSta
te"=0x2,"DriverPowerState"=0x0,"CurrentPowerState"=0x2}
|| |   |   "default-apcie-options" = <0100f080>
|| |   |   "apcie-config-tunables" =
<4001000004000000010000000000000001000000000000004401000004000000ffffff000000000070372500000000000
0008000004000000000ff00000000000000100000000000>
|| |   |   "compatible" = <61706369652d62726964676500>
|| |   |   "function-clkreq" = <6e0000004f495047960000000002000000>
|| |   |   "AppleEmbeddedPCIEPort" = "AppleT8103PCIePort is not serializable"
|| |   |   "perst-to-config" = <64000000>
|| |   |   "IOPMResetPowerStateOnWake" = Yes
|| |   |   "IOReportLegendPublic" = Yes
|| |   |   "function-dart_request_sid" = <4600000071655253>
|| |   |   "msi-vector-base" = <00000000>
|| |   |   "function-perst" = <6e0000004f4950479800000000000000000000>
|| |   |   "IOPCIDeviceDeviceTreeEntry" = "IOService is not serializable"
|| |   |   "manual-enable" = <>
|| |   |   "reg" = <000000000000000000000000000000000000000000>
|| |   |   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"        First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"        Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IO$
|| |   |   "device-id" = <0c100000>
|| |   |   "pci-l1pm-control" = <0f19554000000000>
|| |   |   "#address-cells" = <03000000>
|| |   |   "revision-id" = <01000000>
|| |   |   "IOInterruptSpecifiers" = (<0000000000000000>)
|| |   | }
|| |   |
|| |   +-o IOPP  <class ApplePCIEHostBridge, id 0x10000044c, registered, matched, active, busy 0 (12324 ms), retain
15>
|| |   | {
|| |   |   "IOClass" = "ApplePCIEHostBridge"
|| |   |   "CFBundleIdentifier" = "com.apple.driver.AppleT8103PCIe"
|| |   |   "IOProviderClass" = "IOPCIDevice"
|| |   |   "IOPCIPowerOnProbe" = Yes
|| |   |   "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"DevicePowerState"=0x0,"CurrentPowerState"=0x2,"CapabilityFlags"=0x102,"MaxPowerState"
=0x3,"DriverPowerState"=0x0}
|| |   |   "IOProbeScore" = 0x1388
|| |   |   "IONameMatch" = "apcie-bridge"
|| |   |   "IOMatchedAtBoot" = Yes
|| |   |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |   "IONameMatched" = "apcie-bridge"
|| |   |   "IOPersonalityPublisher" = "com.apple.driver.AppleT8103PCIe"
|| |   |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8103PCIe"
|| |   |   "IOPMResetPowerStateOnWake" = Yes
|| |   | }
|| |   |
|| |   +-o wlan@0  <class IOPCIDevice, id 0x10000085c, registered, matched, active, busy 0 (12315 ms), retain 21>
|| |   | | {
|| |   | |   "IOPCIDeviceMapperPageSize" = 0x4000
|| |   | |   "IOPCIMSIMode" = Yes
|| |   | |   "assigned-addresses" =
<100001820000c0c0000000000000001000000000001800018200000c00000000000000800000000000>
|| |   | |   "vendor-id" = <e4140000>
|| |   | |   "class-code" = <00800200>
|| |   | |   "subsystem-vendor-id" = <6b100000>
|| |   | |   "IOPCIExpressLinkCapabilities" = 0x46f812
|| |   | |   "IOPCIDeviceMemoryMapBase" = 0x1cf3
|| |   | |   "IOName" = "pci14e4,4425"
|| |   | |   "#size-cells" = <00000000>
|| |   | |   "iommu-parent" = <47000000>
```

```
|| |    || "pcidebug" = "1:0:0"
|| |    || "IOChildIndex" = 0x1
|| |    || "IOPCIExpressLinkStatus" = 0x3012
|| |    || "IOPCIDeviceMemoryMapSize" = 0x2e2cc
|| |    || "pci-aspm-default" = 0x2
|| |    || "IOPCIExpressCapabilities" = 0x2
|| |    || "IOServiceDEXTEntitlements" = (("com.apple.developer.driverkit.transport.pci"))
|| |    || "IOInterruptControllers" = ("ApplePCIEMSIController-apcie")
|| |    || "pci-max-latency" = <08100810>
|| |    || "built-in" = <00000000>
|| |    || "IOPCIResourced" = Yes
|| |    || "IOPowerManagement" =
{"CapabilityFlags"=0x102,"ChildProxyPowerState"=0x2,"MaxPowerState"=0x3,"DevicePowerState"=0x0,"ChildrenPowerSta
te"=0x2,"DriverPowerState"=0x0,"CurrentPowerState"=0x2}
|| |    || "IODeviceMemory" = (({"address"=0x6c0c00000,"length"=0x10000}),
({"address"=0x6c0000000,"length"=0x800000}))
|| |    || "AAPL,phandle" = <44000000>
|| |    || "name" = <776c616e00>
|| |    || "subsystem-id" = <78430000>
|| |    || "IODEXTMatchCount" = 0x1
|| |    || "device_type" = <706369652d64657669636500>
|| |    || "compatible" = <776c616e2d706369652d62636d3433373800776c616e2d706369652d62636d00>
|| |    || "IOPMResetPowerStateOnWake" = Yes
|| |    || "IOPCIDeviceDeviceTreeEntry" = "IOService is not serializable"
|| |    || "reg" =
<00000100000000000000000000000000000000000001000010200000000000000000000000010000000000180001020000
000000000000000800000000000>
|| |    || "device-id" = <25440000>
|| |    || "#address-cells" = <01000000>
|| |    || "pci-l1pm-control" = <0f00554000000000>
|| |    || "revision-id" = <03000000>
|| |    || "IOInterruptSpecifiers" = (<c102000000000100>)
|| |    ||}
|| |    ||
|| |    |+-o AppleBCMWLANBusInterfacePCIe  <class IOUserService, id 0x100000a8f, registered, matched, active,
busy 0 (7349 ms), retain 29>
|| |    |  |{
|| |    |  |  "pcie-throttle-firmware-load" = <01000000>
|| |    |  |  "IOPersonalityPublisher" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    |  |  "built-in" = <00>
|| |    |  |  "CoreCaptureIOServiceProperties" =
{"CoreCaptureDataPipeUserClientProperties"={"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"},"C
oreCaptureLogPipeUserClientProperties"={"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"},"CoreCa
ptureCaptureProperties"={"IOClass"="CCCapture","IOUserClass"="CCCapture"},"IOClass"="CCIOService","IOUserClass"=
"CCIOService"}
|| |    |  |  "wifi-calibration-msf" =
<424c4f428c000000076ae28301000000060000000300000008c000000dd0300001cdf442100000000003000000069040
000ce0100001cdf442100000000040000037060000d00000001cdf442100000000040000007070000d00000001cdf4
4210000000002000000d707000004000000f66413fd0000000001000000db070000640000005975d3f800000000db03
0500000001002602050002780278036403640364036403640364036403640000bb010000161616161616160924004
949cdd1c8cdc3c8bdc3b6bdb0b7a8b0a0a899a1919a8991818a7a82727b6974626c5a65535d4955424e3a46333f34004a
4bced1c9cdc3c7bdc2b6b$
|| |    |  |  "wifi-antenna-sku-info" = <010000000000000058330000000000000>
|| |    |  |  "IOMatchCategory" = "com.apple.wifibus.driver"
|| |    |  |  "kOSBundleDextUniqueIdentifier" =
<bf4014f126adca6158d1b91a459f6ba06bff27b96c102b1c09a372baad64d15e>
|| |    |  |  "IOInterruptControllers" = ("IOInterruptController0000006E")
|| |    |  |  "IOUserServerPreserveUserspaceReboot" = Yes
|| |    |  |  "wlan.tx.ring.size" = 0x300
|| |    |  |  "bcom.roam.profiles" =
<0c00f6ffb5ff0200b80bb4000200b0041400bfff32001000b5ff80ff02005a001e0001001e000c00bfff320000000000000
00000000000000000000000000000000000001000b5ff80ff02005a001e0001001e000c0080ff0a000000000000000000000
00000000000000000000000000000000000000000000000000000000000000001400b5ff80ff02005a001e000
200b4000c00bfff3200000000000000000000000000000000000000000000000000000000000000000000000000000000000
00000000000000001400b5ff80ff02005a001e000200b4000c0080ff0a0000000000000000000000000000000000000000000
0000000000000000000000000$
|| |    |  |  "wlan.awdl.params" = <0000000000000000>
|| |    |  |  "wlan.aoac-allowed" = <>
|| |    |  |  "wlan.tethering.enabled" = <01000000>
|| |    |  |  "IOProbeScore" = 0x3e8
|| |    |  |  "wlan.pcie.DSState" = Yes
|| |    |  |  "local-mac-address" = <d45763cbd55d>
|| |    |  |  "wlan.listen.interval" = <0a000000>
|| |    |  |  "IOClass" = "IOUserService"
|| |    |  |  "wlan.enhancedlocale.enabled" = <00000000>
|| |    |  |  "wlan.nan.enabled" = <01000000>
|| |    |  |  "IOReportLegend" =
({"IOReportGroupName"="AppleBCMWLANBusInterfacePCIe","IOReportChannels"=((0x507772537465,0xe00020002,"Po
wer States")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x100007900000000},"IOReportSubGroupName"="Power
States"},
{"IOReportGroupName"="AppleBCMWLANBusInterfacePCIe","IOReportChannels"=((0x44532054494d4520,0x400020003
,"Deep Sleep Exit
Delay")),"IOReportChannelInfo"={"IOReportChannelConfig"=<01000000000000000100000010000000500000000000
0001000000010000000a0000000000000010000001000000190000000$
|| |    |  |  "IOUserServerCDHash" = "d2446e27556315b30d1c8eb711d3e9fc35dfb668"
|| |    |  |  "IONameMatched" = "wlan"
|| |    |  |  "bcom.btc.params" =
<060000000f00000008000000c8af000009000000983a00000a000000204e0000>
|| |    |  |  "wlan.autocountry.enabled" = <00000000>
|| |    |  |  "wlan.bss.5GHz-preference" = <baff1e00>
```

```
|| |    |  |  "wlan.wnm.enabled" = <01000000>
|| |    |  |  "IOMatchedPersonality" = {"IOClass"="IOUserService","CFBundleIdentifier"="com.apple.DriverKit-
AppleBCMWLAN","CoreCaptureIOServiceProperties"={"CoreCaptureDataPipeUserClientProperties"={"IOClass"="IOUserU
serClient","IOUserClass"="CCDataPipeUserClient"},"CoreCaptureLogPipeUserClientProperties"={"IOClass"="IOUserUserC
lient","IOUserClass"="CCLogPipeUserClient"},"CoreCaptureCaptureProperties"={"IOClass"="CCCapture","IOUserClass"="
CCCapture"},"IOClass"="CCIOService","IOUserClass"="CCIOService"},"IOProviderClass"="IOPCIDevic$
|| |    |  |  "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    |  |  "wlan.fast_enterprise_nw.enabled" = <01000000>
|| |    |  |  "wlan.tx.submission-queue.size" = 0x300
|| |    |  |  "bcom.ps.realtime" = <0300c80000000100a00f0000>
|| |    |  |  "function-sac" = <1a010000434341533064636c3164636c>
|| |    |  |  "bcom.wow.magic-packet" = No
|| |    |  |  "bcom.roam.default" = <01005a001e00070002000000b5ff1400b5ff0a00>
|| |    |  |  "IOPMResetPowerStateOnWake" = Yes
|| |    |  |  "wlan.vo.blockack" = Yes
|| |    |  |  "wlan.dfsproxy.enabled" = <0000000000000000>
|| |    |  |  "WiFiCapability" = {"awdl"=Yes,"ranging"=Yes}
|| |    |  |  "wlan.ocl.enabled" = <>
|| |    |  |  "CFBundleIdentifierKernel" = "com.apple.kpi.iokit"
|| |    |  |  "name" = <776c616e00>
|| |    |  |  "IOReportLegendPublic" = Yes
|| |    |  |  "module-instance" = "shikoku"
|| |    |  |  "AAPL,phandle" = <3e000000>
|| |    |  |  "IOUserServerName" = "com.apple.bcmwlan"
|| |    |  |  "IOInterruptSpecifiers" = (<c400000002000000>)
|| |    |  |  "wlan.enterprise.params" = <07000000>
|| |    |  |  "wlan.enhancedTrgDisc" = <00000000>
|| |    |  |  "IOUserClass" = "AppleBCMWLANBusInterfacePCIe"
|| |    |  |  "IOPCIMatch" = "0x000014e4&0x000044ff"
|| |    |  |  "wlan.rx.ring.size" = 0x200
|| |    |  |  "ChipOTP" =
<46f20d8308f92a4006a8fb010000000000000000000000000000000000000000000000000000000000000000
0003003000000000000e01c00000000000101300500078436b10af0c7e3b086bc42b642a6429642ce73c00463c0186010
3021218059e148a2000200016000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000cc8438000000000000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000$
|| |    |  |  "OTP" =
<151d08000000733d4231004d3d52415350206d3d362e35202020563d7500ff8009830c061f4bb3f001b300000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000$
|| |    |  |  "IOPCITunnelCompatible" = Yes
|| |    |  |  "IODEXTMatchCount" = 0x1
|| |    |  |  "IOProviderClass" = "IOPCIDevice"
|| |    |  |  "wlan.sdb.profile" = <>
|| |    |  |  "wlan.mimo_ps.enabled" = <>
|| |    |  |  "IONameMatch" = "wlan"
|| |    |  |  "interrupts" = <c400000002000000>
|| |    |  |  "amfm-managed-port-control" = <>
|| |    |  |  "bcom.roam.enterprise" = <01005a001e00070002000000baff0c00baff0c00>
|| |    |  |  "IONetworkRootType" = "airport"
|| |    |  |  "IOUserClasses" =
("AppleBCMWLANBusInterfacePCIe","AppleBCMWLANBusInterface","IOService","OSObject")
|| |    |  |  "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"DevicePowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x2,"MaxPowerState"=
0x2}
|| |    |  |  "interrupt-parent" = <6e000000>
|| |    |  |  "bcom.ps.default" = <0300c80000000100a00f0000>
|| |    |  |  "device_type" = <776c616e00>
|| |    |  |  "wlan.dfrts" = <>
|| |    |  |  "vendor-id" = "USI"
|| |    |  |  "wifi-module-sn" = <1f4bb3f001b3>
|| |    |  |  "wlan.lpas-allowed" = <>
|| |    |  |  "wlan.lowlatency" = <01000000>
|| |    |  |  "wlan.voice_enterprise_nw.enabled" = <01000000>
|| |    |  |  "wlan.llw.tx.ring.size" = 0x200
|| |    |  |  "HWIdentifiers" = {"V"="u","M"="RASP","C"=0x111a,"s"="B1","P"="shikoku","m"="6.5"}
|| |    |  |  "bcom.roam.enabledenhanced" = <01000000>
|| |    |  |}
|| |    |  |
|| |    |  +-o CCPipe  <class CCIOService, id 0x100000bed, registered, matched, active, busy 0 (21 ms), retain 16>
|| |    |  ||{
|| |    |  ||  "IOClass" = "CCLogPipe"
|| |    |  ||  "LogType" = 0x0
|| |    |  ||  "IOUserClass" = "CCIOService"
|| |    |  ||  "IOUserServerName" = "com.apple.bcmwlan"
|| |    |  ||  "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |    |  ||  "CompressionDisabled" = 0x0
|| |    |  ||  "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |    |  ||  "Owner" = "com.apple.driver.AppleBCMWLANCoreV3.0"
|| |    |  ||  "IOReportLegendPublic" = Yes
|| |    |  ||  "LogDataType" = 0x1
|| |    |  ||  "Name" = "DriverLogs"
|| |    |  ||  "NumberOfFiles" = 0x2
|| |    |  ||  "FileSize" = 0x1000000
|| |    |  ||  "LogPolicy" = 0x0
```

```
   || |    | ||   "NotifyThreshold" = 0x3e8
   || |    | ||   "MinLogSizeToNotify" = 0xcccccc
   || |    | ||   "IOUserClasses" = ("CCIOService","IOService","OSObject")
   || |    | ||   "CCIOServiceObjType" = 0x138a
   || |    | ||   "LogIdentifier" = "wlan0"
   || |    | ||   "PipeType" = 0x0
   || |    | ||   "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
   || |    | ||   "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
   || |    | ||   "PipeSize" = 0x200000
   || |    | ||   "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001,"   Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001,"       Capture
Requests")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Pipe
DriverLogs"})
   || |    | ||   "FileOptions" = 0x0
   || |    | ||   "DirectoryName" = "WiFi"
   || |    | ||   "Filename" = "AppleBCMWLAN_Logs"
   || |    | ||}
   || |    | ||
   || |    | +-o CCLogStream  <class CCIOService, id 0x100000bef, registered, matched, active, busy 0 (0 ms), retain
8>
   || |    | || {
   || |    | ||   "IOClass" = "CCLogStream"
   || |    | ||   "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
   || |    | ||   "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
   || |    | ||   "CoreCaptureLevel" = 0x5
   || |    | ||   "Name" = "loggerstream"
   || |    | ||   "Id" = 0x1
   || |    | ||   "LogIdentifier" = "wlan0"
   || |    | ||   "ConsoleFlag" = 0x0
   || |    | ||   "ConsoleLevel" = 0x1
   || |    | ||   "MiscInfo" = 0x0
   || |    | ||   "IOUserServerName" = "com.apple.bcmwlan"
   || |    | ||   "CoreCaptureFlag" = 0x46b80
   || |    | ||   "CCIOServiceObjType" = 0x138b
   || |    | ||   "IOUserClasses" = ("CCIOService","IOService","OSObject")
   || |    | ||   "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
   || |    | ||   "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
   || |    | ||   "IOUserClass" = "CCIOService"
   || |    | || }
   || |    | ||
   || |    | +-o CCLogStream  <class CCIOService, id 0x100000c0b, registered, matched, active, busy 0 (0 ms), retain
8>
   || |    | || {
   || |    | ||   "IOClass" = "CCLogStream"
   || |    | ||   "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
   || |    | ||   "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
   || |    | ||   "CoreCaptureLevel" = 0xffffffffffffffff
   || |    | ||   "Name" = "IO80211Logger_Infrastructure"
   || |    | ||   "Id" = 0x2
   || |    | ||   "LogIdentifier" = "io80211"
   || |    | ||   "ConsoleFlag" = 0x0
   || |    | ||   "ConsoleLevel" = 0xffffffffffffffff
   || |    | ||   "MiscInfo" = 0x0
   || |    | ||   "IOUserServerName" = "com.apple.bcmwlan"
   || |    | ||   "CoreCaptureFlag" = 0x0
   || |    | ||   "CCIOServiceObjType" = 0x138b
   || |    | ||   "IOUserClasses" = ("CCIOService","IOService","OSObject")
   || |    | ||   "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
   || |    | ||   "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
   || |    | ||   "IOUserClass" = "CCIOService"
   || |    | || }
   || |    | ||
   || |    | +-o CCLogStream  <class CCIOService, id 0x100000c5d, registered, matched, active, busy 0 (0 ms), retain
8>
   || |    | || {
   || |    | ||   "IOClass" = "CCLogStream"
   || |    | ||   "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
   || |    | ||   "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
   || |    | ||   "CoreCaptureLevel" = 0xffffffffffffffff
   || |    | ||   "Name" = "IO80211Logger_SoftAP"
   || |    | ||   "Id" = 0x3
   || |    | ||   "LogIdentifier" = "io80211"
   || |    | ||   "ConsoleFlag" = 0x0
   || |    | ||   "ConsoleLevel" = 0xffffffffffffffff
   || |    | ||   "MiscInfo" = 0x0
   || |    | ||   "IOUserServerName" = "com.apple.bcmwlan"
   || |    | ||   "CoreCaptureFlag" = 0x0
   || |    | ||   "CCIOServiceObjType" = 0x138b
   || |    | ||   "IOUserClasses" = ("CCIOService","IOService","OSObject")
   || |    | ||   "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
   || |    | ||   "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
```

```
|| |     | ||     "IOUserClass" = "CCIOService"
|| |     | ||   }
|| |     | ||
|| |     | |+-o CCLogStream  <class CCIOService, id 0x100000c81, registered, matched, active, busy 0 (0 ms), retain
8>
|| |     | |   {
|| |     | |     "IOClass" = "CCLogStream"
|| |     | |     "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |     | |     "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |     | |     "CoreCaptureLevel" = 0xffffffffffffffff
|| |     | |     "Name" = "IO80211Logger_AirLink"
|| |     | |     "Id" = 0x4
|| |     | |     "LogIdentifier" = "io80211"
|| |     | |     "ConsoleFlag" = 0x0
|| |     | |     "ConsoleLevel" = 0xffffffffffffffff
|| |     | |     "MiscInfo" = 0x0
|| |     | |     "IOUserServerName" = "com.apple.bcmwlan"
|| |     | |     "CoreCaptureFlag" = 0x0
|| |     | |     "CCIOServiceObjType" = 0x138b
|| |     | |     "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |     | |     "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |     | |     "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |     | |     "IOUserClass" = "CCIOService"
|| |     | |   }
|| |     | |
|| |     | +-o CCPipe  <class CCIOService, id 0x100000bf0, registered, matched, active, busy 0 (26 ms), retain 48>
|| |     | |{
|| |     | ||   "IOClass" = "CCLogPipe"
|| |     | ||   "LogType" = 0x0
|| |     | ||   "IOUserClass" = "CCIOService"
|| |     | ||   "IOUserServerName" = "com.apple.bcmwlan"
|| |     | ||   "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |     | ||   "CompressionDisabled" = 0x0
|| |     | ||   "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |     | ||   "Owner" = "com.apple.driver.AppleBCMWLANCoreV3.0"
|| |     | ||   "IOReportLegendPublic" = Yes
|| |     | ||   "LogDataType" = 0x0
|| |     | ||   "Name" = "DatapathEvents"
|| |     | ||   "NumberOfFiles" = 0x2
|| |     | ||   "FileSize" = 0x2800000
|| |     | ||   "LogPolicy" = 0x0
|| |     | ||   "NotifyThreshold" = 0x3e8
|| |     | ||   "MinLogSizeToNotify" = 0xcccccc
|| |     | ||   "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |     | ||   "CCIOServiceObjType" = 0x138a
|| |     | ||   "LogIdentifier" = ""
|| |     | ||   "PipeType" = 0x0
|| |     | ||   "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |     | ||   "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |     | ||   "PipeSize" = 0x200000
|| |     | ||   "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001,"  Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001,"                 Capture
Requests")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Pipe
DatapathEvents"})
|| |     | ||   "FileOptions" = 0x0
|| |     | ||   "DirectoryName" = "WiFi"
|| |     | ||   "Filename" = "AppleBCMWLAN_Datapath"
|| |     | ||}
|| |     | ||
|| |     | +-o CCLogStream  <class CCIOService, id 0x100000bf3, registered, matched, active, busy 0 (0 ms), retain
8>
|| |     | ||{
|| |     | ||   "IOClass" = "CCLogStream"
|| |     | ||   "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |     | ||   "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |     | ||   "StreamHeader" = <080000000000a5a5>
|| |     | ||   "Name" = "requestiotxpcie"
|| |     | ||   "Id" = 0x1
|| |     | ||   "LogIdentifier" = ""
|| |     | ||   "CoreCaptureLevel" = 0x7f
|| |     | ||   "ConsoleLevel" = 0xffffffffffffffff
|| |     | ||   "MiscInfo" = 0x96
|| |     | ||   "IOUserServerName" = "com.apple.bcmwlan"
|| |     | ||   "ConsoleFlag" = 0x0
|| |     | ||   "CoreCaptureFlag" = 0x7
|| |     | ||   "CCIOServiceObjType" = 0x138b
|| |     | ||   "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |     | ||   "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |     | ||   "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |     | ||   "IOUserClass" = "CCIOService"
|| |     | ||   }
|| |     | ||
```

```
|| |    | | +-o CCLogStream  <class CCIOService, id 0x100000bf4, registered, matched, active, busy 0 (0 ms), retain
8>
 || |    | ||  {
 || |    | ||    "IOClass" = "CCLogStream"
 || |    | ||    "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
 || |    | ||    "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
 || |    | ||    "StreamHeader" = <0d0000000000a5a5>
 || |    | ||    "Name" = "rxpacketpcie"
 || |    | ||    "Id" = 0x2
 || |    | ||    "LogIdentifier" = ""
 || |    | ||    "CoreCaptureLevel" = 0x7f
 || |    | ||    "ConsoleLevel" = 0xffffffffffffffff
 || |    | ||    "MiscInfo" = 0x96
 || |    | ||    "IOUserServerName" = "com.apple.bcmwlan"
 || |    | ||    "ConsoleFlag" = 0x0
 || |    | ||    "CoreCaptureFlag" = 0x3
 || |    | ||    "CCIOServiceObjType" = 0x138b
 || |    | ||    "IOUserClasses" = ("CCIOService","IOService","OSObject")
 || |    | ||    "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
 || |    | ||    "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
 || |    | ||    "IOUserClass" = "CCIOService"
 || |    | ||  }
 || |    | ||
 || |    | +-o CCLogStream  <class CCIOService, id 0x100000bf5, registered, matched, active, busy 0 (0 ms), retain
8>
 || |    | ||  {
 || |    | ||    "IOClass" = "CCLogStream"
 || |    | ||    "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
 || |    | ||    "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
 || |    | ||    "StreamHeader" = <070000000000a5a5>
 || |    | ||    "Name" = "driverstatepcie"
 || |    | ||    "Id" = 0x3
 || |    | ||    "LogIdentifier" = ""
 || |    | ||    "CoreCaptureLevel" = 0x7f
 || |    | ||    "ConsoleLevel" = 0xffffffffffffffff
 || |    | ||    "MiscInfo" = 0x96
 || |    | ||    "IOUserServerName" = "com.apple.bcmwlan"
 || |    | ||    "ConsoleFlag" = 0x0
 || |    | ||    "CoreCaptureFlag" = 0x2003
 || |    | ||    "CCIOServiceObjType" = 0x138b
 || |    | ||    "IOUserClasses" = ("CCIOService","IOService","OSObject")
 || |    | ||    "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
 || |    | ||    "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
 || |    | ||    "IOUserClass" = "CCIOService"
 || |    | ||  }
 || |    | ||
 || |    | +-o CCLogStream  <class CCIOService, id 0x100000c05, registered, matched, active, busy 0 (0 ms), retain
8>
 || |    | ||  {
 || |    | ||    "IOClass" = "CCLogStream"
 || |    | ||    "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
 || |    | ||    "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
 || |    | ||    "StreamHeader" = <030000000000a5a5>
 || |    | ||    "Name" = "commander"
 || |    | ||    "Id" = 0x4
 || |    | ||    "LogIdentifier" = ""
 || |    | ||    "CoreCaptureLevel" = 0x7f
 || |    | ||    "ConsoleLevel" = 0xffffffffffffffff
 || |    | ||    "MiscInfo" = 0x96
 || |    | ||    "IOUserServerName" = "com.apple.bcmwlan"
 || |    | ||    "ConsoleFlag" = 0x0
 || |    | ||    "CoreCaptureFlag" = 0x3
 || |    | ||    "CCIOServiceObjType" = 0x138b
 || |    | ||    "IOUserClasses" = ("CCIOService","IOService","OSObject")
 || |    | ||    "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
 || |    | ||    "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
 || |    | ||    "IOUserClass" = "CCIOService"
 || |    | ||  }
 || |    | ||
 || |    | +-o CCLogStream  <class CCIOService, id 0x100000c06, registered, matched, active, busy 0 (0 ms), retain
8>
 || |    | ||  {
 || |    | ||    "IOClass" = "CCLogStream"
 || |    | ||    "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
 || |    | ||    "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
 || |    | ||    "StreamHeader" = <020000000000a5a5>
 || |    | ||    "Name" = "events"
 || |    | ||    "Id" = 0x5
 || |    | ||    "LogIdentifier" = ""
 || |    | ||    "CoreCaptureLevel" = 0x7f
 || |    | ||    "ConsoleLevel" = 0xffffffffffffffff
 || |    | ||    "MiscInfo" = 0x96
 || |    | ||    "IOUserServerName" = "com.apple.bcmwlan"
```

```
|| |   | ||    "ConsoleFlag" = 0x0
|| |   | ||    "CoreCaptureFlag" = 0x1
|| |   | ||    "CCIOServiceObjType" = 0x138b
|| |   | ||    "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |   | ||    "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |   | ||    "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |   | ||    "IOUserClass" = "CCIOService"
|| |   | ||  }
|| |   | ||
|| |   | |+-o CCLogStream  <class CCIOService, id 0x100000c0c, registered, matched, active, busy 0 (0 ms), retain
8>
|| |   | ||  {
|| |   | ||    "IOClass" = "CCLogStream"
|| |   | ||    "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |   | ||    "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |   | ||    "StreamHeader" = <0100000000007373>
|| |   | ||    "Name" = "networkfamilystack_Infrastructure"
|| |   | ||    "Id" = 0x6
|| |   | ||    "LogIdentifier" = ""
|| |   | ||    "CoreCaptureLevel" = 0xffffffffffffffff
|| |   | ||    "ConsoleLevel" = 0xffffffffffffffff
|| |   | ||    "MiscInfo" = 0x96
|| |   | ||    "IOUserServerName" = "com.apple.bcmwlan"
|| |   | ||    "ConsoleFlag" = 0x0
|| |   | ||    "CoreCaptureFlag" = 0x0
|| |   | ||    "CCIOServiceObjType" = 0x138b
|| |   | ||    "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |   | ||    "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |   | ||    "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |   | ||    "IOUserClass" = "CCIOService"
|| |   | ||  }
|| |   | ||
|| |   | |+-o CCLogStream  <class CCIOService, id 0x100000c0d, registered, matched, active, busy 0 (0 ms), retain
8>
|| |   | ||  {
|| |   | ||    "IOClass" = "CCLogStream"
|| |   | ||    "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |   | ||    "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |   | ||    "StreamHeader" = <0200000000007373>
|| |   | ||    "Name" = "interfacequeue_Infrastructure"
|| |   | ||    "Id" = 0x7
|| |   | ||    "LogIdentifier" = ""
|| |   | ||    "CoreCaptureLevel" = 0xffffffffffffffff
|| |   | ||    "ConsoleLevel" = 0xffffffffffffffff
|| |   | ||    "MiscInfo" = 0x96
|| |   | ||    "IOUserServerName" = "com.apple.bcmwlan"
|| |   | ||    "ConsoleFlag" = 0x0
|| |   | ||    "CoreCaptureFlag" = 0x0
|| |   | ||    "CCIOServiceObjType" = 0x138b
|| |   | ||    "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |   | ||    "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |   | ||    "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |   | ||    "IOUserClass" = "CCIOService"
|| |   | ||  }
|| |   | ||
|| |   | |+-o CCLogStream  <class CCIOService, id 0x100000c0e, registered, matched, active, busy 0 (0 ms), retain
8>
|| |   | ||  {
|| |   | ||    "IOClass" = "CCLogStream"
|| |   | ||    "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |   | ||    "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |   | ||    "StreamHeader" = <0300000000007373>
|| |   | ||    "Name" = "peerqueue_Infrastructure"
|| |   | ||    "Id" = 0x8
|| |   | ||    "LogIdentifier" = ""
|| |   | ||    "CoreCaptureLevel" = 0xffffffffffffffff
|| |   | ||    "ConsoleLevel" = 0xffffffffffffffff
|| |   | ||    "MiscInfo" = 0x96
|| |   | ||    "IOUserServerName" = "com.apple.bcmwlan"
|| |   | ||    "ConsoleFlag" = 0x0
|| |   | ||    "CoreCaptureFlag" = 0x0
|| |   | ||    "CCIOServiceObjType" = 0x138b
|| |   | ||    "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |   | ||    "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |   | ||    "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |   | ||    "IOUserClass" = "CCIOService"
|| |   | ||  }
|| |   | ||
|| |   | |+-o CCLogStream  <class CCIOService, id 0x100000c0f, registered, matched, active, busy 0 (1 ms), retain
8>
|| |   | ||  {
|| |   | ||    "IOClass" = "CCLogStream"
|| |   | ||    "CoreCaptureLogPipeUserClientProperties" =
```

{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
    || | | || "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
    || | | || "StreamHeader" = <0400000000007373>
    || | | || "Name" = "peerinput_Infrastructure"
    || | | || "Id" = 0x9
    || | | || "LogIdentifier" = ""
    || | | || "CoreCaptureLevel" = 0xffffffffffffffff
    || | | || "ConsoleLevel" = 0xffffffffffffffff
    || | | || "MiscInfo" = 0x96
    || | | || "IOUserServerName" = "com.apple.bcmwlan"
    || | | || "ConsoleFlag" = 0x0
    || | | || "CoreCaptureFlag" = 0x0
    || | | || "CCIOServiceObjType" = 0x138b
    || | | || "IOUserClasses" = ("CCIOService","IOService","OSObject")
    || | | || "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
    || | | || "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
    || | | || "IOUserClass" = "CCIOService"
    || | | || }
    || | | ||
    || | | |+-o CCLogStream <class CCIOService, id 0x100000c10, registered, matched, active, busy 0 (1 ms), retain
8>
    || | | || {
    || | | || "IOClass" = "CCLogStream"
    || | | || "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
    || | | || "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
    || | | || "StreamHeader" = <0500000000007373>
    || | | || "Name" = "bpf_tap_in_Infrastructure"
    || | | || "Id" = 0xa
    || | | || "LogIdentifier" = ""
    || | | || "CoreCaptureLevel" = 0xffffffffffffffff
    || | | || "ConsoleLevel" = 0xffffffffffffffff
    || | | || "MiscInfo" = 0x96
    || | | || "IOUserServerName" = "com.apple.bcmwlan"
    || | | || "ConsoleFlag" = 0x0
    || | | || "CoreCaptureFlag" = 0x0
    || | | || "CCIOServiceObjType" = 0x138b
    || | | || "IOUserClasses" = ("CCIOService","IOService","OSObject")
    || | | || "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
    || | | || "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
    || | | || "IOUserClass" = "CCIOService"
    || | | || }
    || | | ||
    || | | |+-o CCLogStream <class CCIOService, id 0x100000c5e, registered, matched, active, busy 0 (0 ms), retain
8>
    || | | || {
    || | | || "IOClass" = "CCLogStream"
    || | | || "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
    || | | || "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
    || | | || "StreamHeader" = <0100000000007373>
    || | | || "Name" = "networkfamilystack_SoftAP"
    || | | || "Id" = 0xb
    || | | || "LogIdentifier" = ""
    || | | || "CoreCaptureLevel" = 0xffffffffffffffff
    || | | || "ConsoleLevel" = 0xffffffffffffffff
    || | | || "MiscInfo" = 0x96
    || | | || "IOUserServerName" = "com.apple.bcmwlan"
    || | | || "ConsoleFlag" = 0x0
    || | | || "CoreCaptureFlag" = 0x0
    || | | || "CCIOServiceObjType" = 0x138b
    || | | || "IOUserClasses" = ("CCIOService","IOService","OSObject")
    || | | || "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
    || | | || "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
    || | | || "IOUserClass" = "CCIOService"
    || | | || }
    || | | ||
    || | | |+-o CCLogStream <class CCIOService, id 0x100000c5f, registered, matched, active, busy 0 (0 ms), retain
8>
    || | | || {
    || | | || "IOClass" = "CCLogStream"
    || | | || "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
    || | | || "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
    || | | || "StreamHeader" = <0200000000007373>
    || | | || "Name" = "interfacequeue_SoftAP"
    || | | || "Id" = 0xc
    || | | || "LogIdentifier" = ""
    || | | || "CoreCaptureLevel" = 0xffffffffffffffff
    || | | || "ConsoleLevel" = 0xffffffffffffffff
    || | | || "MiscInfo" = 0x96
    || | | || "IOUserServerName" = "com.apple.bcmwlan"
    || | | || "ConsoleFlag" = 0x0
    || | | || "CoreCaptureFlag" = 0x0
    || | | || "CCIOServiceObjType" = 0x138b
    || | | || "IOUserClasses" = ("CCIOService","IOService","OSObject")
    || | | || "CoreCaptureDataPipeUserClientProperties" =

{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| | | || "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| | | || "IOUserClass" = "CCIOService"
|| | | || }
|| | | ||
|| | | +-o CCLogStream <class CCIOService, id 0x100000c60, registered, matched, active, busy 0 (0 ms), retain
8>
|| | | || {
|| | | || "IOClass" = "CCLogStream"
|| | | || "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| | | || "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| | | || "StreamHeader" = <0300000000007373>
|| | | || "Name" = "peerqueue_SoftAP"
|| | | || "Id" = 0xd
|| | | || "LogIdentifier" = ""
|| | | || "CoreCaptureLevel" = 0xffffffffffffffff
|| | | || "ConsoleLevel" = 0xffffffffffffffff
|| | | || "MiscInfo" = 0x96
|| | | || "IOUserServerName" = "com.apple.bcmwlan"
|| | | || "ConsoleFlag" = 0x0
|| | | || "CoreCaptureFlag" = 0x0
|| | | || "CCIOServiceObjType" = 0x138b
|| | | || "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| | | || "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| | | || "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| | | || "IOUserClass" = "CCIOService"
|| | | || }
|| | | ||
|| | | +-o CCLogStream <class CCIOService, id 0x100000c61, registered, matched, active, busy 0 (0 ms), retain
8>
|| | | || {
|| | | || "IOClass" = "CCLogStream"
|| | | || "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| | | || "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| | | || "StreamHeader" = <0400000000007373>
|| | | || "Name" = "peerinput_SoftAP"
|| | | || "Id" = 0xe
|| | | || "LogIdentifier" = ""
|| | | || "CoreCaptureLevel" = 0xffffffffffffffff
|| | | || "ConsoleLevel" = 0xffffffffffffffff
|| | | || "MiscInfo" = 0x96
|| | | || "IOUserServerName" = "com.apple.bcmwlan"
|| | | || "ConsoleFlag" = 0x0
|| | | || "CoreCaptureFlag" = 0x0
|| | | || "CCIOServiceObjType" = 0x138b
|| | | || "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| | | || "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| | | || "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| | | || "IOUserClass" = "CCIOService"
|| | | || }
|| | | ||
|| | | +-o CCLogStream <class CCIOService, id 0x100000c62, registered, matched, active, busy 0 (0 ms), retain
8>
|| | | || {
|| | | || "IOClass" = "CCLogStream"
|| | | || "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| | | || "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| | | || "StreamHeader" = <0500000000007373>
|| | | || "Name" = "bpf_tap_in_SoftAP"
|| | | || "Id" = 0xf
|| | | || "LogIdentifier" = ""
|| | | || "CoreCaptureLevel" = 0xffffffffffffffff
|| | | || "ConsoleLevel" = 0xffffffffffffffff
|| | | || "MiscInfo" = 0x96
|| | | || "IOUserServerName" = "com.apple.bcmwlan"
|| | | || "ConsoleFlag" = 0x0
|| | | || "CoreCaptureFlag" = 0x0
|| | | || "CCIOServiceObjType" = 0x138b
|| | | || "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| | | || "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| | | || "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| | | || "IOUserClass" = "CCIOService"
|| | | || }
|| | | ||
|| | | +-o CCLogStream <class CCIOService, id 0x100000c82, registered, matched, active, busy 0 (0 ms), retain
8>
|| | | || {
|| | | || "IOClass" = "CCLogStream"
|| | | || "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| | | || "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| | | || "StreamHeader" = <0100000000007373>
|| | | || "Name" = "networkfamilystack_AirLink"
|| | | || "Id" = 0x10

```
|| |    | ||      "LogIdentifier" = ""
|| |    | ||      "CoreCaptureLevel" = 0xffffffffffffffff
|| |    | ||      "ConsoleLevel" = 0xffffffffffffffff
|| |    | ||      "MiscInfo" = 0x96
|| |    | ||      "IOUserServerName" = "com.apple.bcmwlan"
|| |    | ||      "ConsoleFlag" = 0x0
|| |    | ||      "CoreCaptureFlag" = 0x0
|| |    | ||      "CCIOServiceObjType" = 0x138b
|| |    | ||      "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |    | ||      "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |    | ||      "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |    | ||      "IOUserClass" = "CCIOService"
|| |    | ||  }
|| |    | ||
|| |    | +-o CCLogStream  <class CCIOService, id 0x100000c83, registered, matched, active, busy 0 (0 ms), retain
8>
|| |    | ||  {
|| |    | ||      "IOClass" = "CCLogStream"
|| |    | ||      "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |    | ||      "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    | ||      "StreamHeader" = <0200000000007373>
|| |    | ||      "Name" = "interfacequeue_AirLink"
|| |    | ||      "Id" = 0x11
|| |    | ||      "LogIdentifier" = ""
|| |    | ||      "CoreCaptureLevel" = 0xffffffffffffffff
|| |    | ||      "ConsoleLevel" = 0xffffffffffffffff
|| |    | ||      "MiscInfo" = 0x96
|| |    | ||      "IOUserServerName" = "com.apple.bcmwlan"
|| |    | ||      "ConsoleFlag" = 0x0
|| |    | ||      "CoreCaptureFlag" = 0x0
|| |    | ||      "CCIOServiceObjType" = 0x138b
|| |    | ||      "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |    | ||      "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |    | ||      "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |    | ||      "IOUserClass" = "CCIOService"
|| |    | ||  }
|| |    | ||
|| |    | +-o CCLogStream  <class CCIOService, id 0x100000c84, registered, matched, active, busy 0 (1 ms), retain
8>
|| |    | ||  {
|| |    | ||      "IOClass" = "CCLogStream"
|| |    | ||      "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |    | ||      "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    | ||      "StreamHeader" = <0300000000007373>
|| |    | ||      "Name" = "peerqueue_AirLink"
|| |    | ||      "Id" = 0x12
|| |    | ||      "LogIdentifier" = ""
|| |    | ||      "CoreCaptureLevel" = 0xffffffffffffffff
|| |    | ||      "ConsoleLevel" = 0xffffffffffffffff
|| |    | ||      "MiscInfo" = 0x96
|| |    | ||      "IOUserServerName" = "com.apple.bcmwlan"
|| |    | ||      "ConsoleFlag" = 0x0
|| |    | ||      "CoreCaptureFlag" = 0x0
|| |    | ||      "CCIOServiceObjType" = 0x138b
|| |    | ||      "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |    | ||      "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |    | ||      "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |    | ||      "IOUserClass" = "CCIOService"
|| |    | ||  }
|| |    | ||
|| |    | +-o CCLogStream  <class CCIOService, id 0x100000c85, registered, matched, active, busy 0 (0 ms), retain
8>
|| |    | ||  {
|| |    | ||      "IOClass" = "CCLogStream"
|| |    | ||      "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |    | ||      "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    | ||      "StreamHeader" = <0400000000007373>
|| |    | ||      "Name" = "peerinput_AirLink"
|| |    | ||      "Id" = 0x13
|| |    | ||      "LogIdentifier" = ""
|| |    | ||      "CoreCaptureLevel" = 0xffffffffffffffff
|| |    | ||      "ConsoleLevel" = 0xffffffffffffffff
|| |    | ||      "MiscInfo" = 0x96
|| |    | ||      "IOUserServerName" = "com.apple.bcmwlan"
|| |    | ||      "ConsoleFlag" = 0x0
|| |    | ||      "CoreCaptureFlag" = 0x0
|| |    | ||      "CCIOServiceObjType" = 0x138b
|| |    | ||      "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |    | ||      "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |    | ||      "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |    | ||      "IOUserClass" = "CCIOService"
|| |    | ||  }
|| |    | ||
```

```
|| |   |  | +-o CCLogStream  <class CCIOService, id 0x100000c86, registered, matched, active, busy 0 (0 ms), retain
8>
    || |   |  |  {
    || |   |  |    "IOClass" = "CCLogStream"
    || |   |  |    "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
    || |   |  |    "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
    || |   |  |    "StreamHeader" = <05000000000007373>
    || |   |  |    "Name" = "bpf_tap_in_AirLink"
    || |   |  |    "Id" = 0x14
    || |   |  |    "LogIdentifier" = ""
    || |   |  |    "CoreCaptureLevel" = 0xffffffffffffffff
    || |   |  |    "ConsoleLevel" = 0xffffffffffffffff
    || |   |  |    "MiscInfo" = 0x96
    || |   |  |    "IOUserServerName" = "com.apple.bcmwlan"
    || |   |  |    "ConsoleFlag" = 0x0
    || |   |  |    "CoreCaptureFlag" = 0x0
    || |   |  |    "CCIOServiceObjType" = 0x138b
    || |   |  |    "IOUserClasses" = ("CCIOService","IOService","OSObject")
    || |   |  |    "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
    || |   |  |    "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
    || |   |  |    "IOUserClass" = "CCIOService"
    || |   |  |  }
    || |   |  |
    || |   |  +-o CCPipe  <class CCIOService, id 0x100000bf1, registered, matched, active, busy 0 (33 ms), retain 10>
    || |   |  ||{
    || |   |  ||   "IOClass" = "CCDataPipe"
    || |   |  ||   "LogType" = 0x2
    || |   |  ||   "IOUserClass" = "CCIOService"
    || |   |  ||   "IOUserServerName" = "com.apple.bcmwlan"
    || |   |  ||   "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
    || |   |  ||   "CompressionDisabled" = 0x0
    || |   |  ||   "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
    || |   |  ||   "Owner" = "com.apple.driver.AppleBCMWLANCoreV3.0"
    || |   |  ||   "IOReportLegendPublic" = Yes
    || |   |  ||   "LogDataType" = 0x2
    || |   |  ||   "Name" = "StateSnapshots"
    || |   |  ||   "NumberOfFiles" = 0x0
    || |   |  ||   "FileSize" = 0x0
    || |   |  ||   "LogPolicy" = 0x0
    || |   |  ||   "NotifyThreshold" = 0x0
    || |   |  ||   "MinLogSizeToNotify" = 0x0
    || |   |  ||   "IOUserClasses" = ("CCIOService","IOService","OSObject")
    || |   |  ||   "CCIOServiceObjType" = 0x138a
    || |   |  ||   "LogIdentifier" = "0"
    || |   |  ||   "PipeType" = 0x1
    || |   |  ||   "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
    || |   |  ||   "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
    || |   |  ||   "PipeSize" = 0x80
    || |   |  ||   "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001,"   Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001,"            Capture
Requests")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Pipe
StateSnapshots"})
    || |   |  ||   "FileOptions" = 0x0
    || |   |  ||   "DirectoryName" = "WiFi"
    || |   |  ||   "Filename" = "StateSnapshots"
    || |   |  ||}
    || |   |  ||
    || |   |  |+-o CCDataStream  <class CCIOService, id 0x100000bf2, registered, matched, active, busy 0 (0 ms), retain
8>
    || |   |  |  {
    || |   |  |    "IOClass" = "CCDataStream"
    || |   |  |    "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
    || |   |  |    "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
    || |   |  |    "Name" = "FaultReporter"
    || |   |  |    "Id" = 0x1
    || |   |  |    "LogIdentifier" = ""
    || |   |  |    "IOUserServerName" = "com.apple.bcmwlan"
    || |   |  |    "CCIOServiceObjType" = 0x138b
    || |   |  |    "IOUserClasses" = ("CCIOService","IOService","OSObject")
    || |   |  |    "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
    || |   |  |    "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
    || |   |  |    "IOUserClass" = "CCIOService"
    || |   |  |  }
    || |   |  |
    || |   |  +-o CCFaultReporter  <class CCIOService, id 0x100000bf7, registered, matched, active, busy 0 (0 ms), retain
7>
    || |   |  | {
    || |   |  |   "IOUserClass" = "CCIOService"
    || |   |  |   "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
    || |   |  |   "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
    || |   |  |   "CoreCaptureDataPipeUserClientProperties" =
```

{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
    || | | | "IOClass" = "CCFaultReporter"
    || | | | "Owners" =
["com.apple.iokit.IO80211Family","com.apple.driver.AppleBCMWLANCoreV3.0","com.apple.driver.AppleMultiFunctionMana
ger","com.apple.driver.AppleOLYHAL"]
    || | | | "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
    || | | | "IOUserServerName" = "com.apple.bcmwlan"
    || | | | "IOUserClasses" = ("CCIOService","IOService","OSObject")
    || | | | }
    || | |
    || | +-o CCPipe <class CCIOService, id 0x100000bf8, registered, matched, active, busy 0 (15 ms), retain 10>
    || | | | {
    || | | | "IOClass" = "CCLogPipe"
    || | | | "LogType" = 0x0
    || | | | "IOUserClass" = "CCIOService"
    || | | | "IOUserServerName" = "com.apple.bcmwlan"
    || | | | "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
    || | | | "CompressionDisabled" = 0x0
    || | | | "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
    || | | | "Owner" = "com.apple.driver.AppleBCMWLANCoreV3.0"
    || | | | "IOReportLegendPublic" = Yes
    || | | | "LogDataType" = 0x0
    || | | | "Name" = "FirmwareBusLogs"
    || | | | "NumberOfFiles" = 0x2
    || | | | "FileSize" = 0x200000
    || | | | "LogPolicy" = 0x0
    || | | | "NotifyThreshold" = 0x3e8
    || | | | "MinLogSizeToNotify" = 0xcccccc
    || | | | "IOUserClasses" = ("CCIOService","IOService","OSObject")
    || | | | "CCIOServiceObjType" = 0x138a
    || | | | "LogIdentifier" = "brcm0"
    || | | | "PipeType" = 0x0
    || | | | "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
    || | | | "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
    || | | | "PipeSize" = 0x200000
    || | | | "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001," Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001,"   Capture
Requests")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Pipe
FirmwareBusLogs"})
    || | | | "FileOptions" = 0x0
    || | | | "DirectoryName" = "WiFi"
    || | | | "Filename" = "FirmwareBusLogs"
    || | | | }
    || | | |
    || | | +-o CCLogStream <class CCIOService, id 0x100000bf9, registered, matched, active, busy 0 (0 ms), retain
8>
    || | | | {
    || | | | "IOClass" = "CCLogStream"
    || | | | "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
    || | | | "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
    || | | | "StreamHeader" = <0d0000000000a5a5>
    || | | | "Name" = "Firmware_Bus"
    || | | | "Id" = 0x1
    || | | | "LogIdentifier" = ""
    || | | | "CoreCaptureLevel" = 0x7f
    || | | | "ConsoleLevel" = 0xffffffffffffffff
    || | | | "MiscInfo" = 0x96
    || | | | "IOUserServerName" = "com.apple.bcmwlan"
    || | | | "ConsoleFlag" = 0x0
    || | | | "CoreCaptureFlag" = 0x80000000000
    || | | | "CCIOServiceObjType" = 0x138b
    || | | | "IOUserClasses" = ("CCIOService","IOService","OSObject")
    || | | | "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
    || | | | "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
    || | | | "IOUserClass" = "CCIOService"
    || | | | }
    || | | |
    || | | +-o CCPipe <class CCIOService, id 0x100000bfa, registered, matched, active, busy 0 (26 ms), retain 10>
    || | | | {
    || | | | "IOClass" = "CCDataPipe"
    || | | | "LogType" = 0x2
    || | | | "IOUserClass" = "CCIOService"
    || | | | "IOUserServerName" = "com.apple.bcmwlan"
    || | | | "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
    || | | | "CompressionDisabled" = 0x0
    || | | | "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
    || | | | "Owner" = "com.apple.driver.AppleBCMWLANCoreV3.0"
    || | | | "IOReportLegendPublic" = Yes
    || | | | "LogDataType" = 0x6
    || | | | "Name" = "CrashTracerLogs"
    || | | | "NumberOfFiles" = 0x0
    || | | | "FileSize" = 0x0
    || | | | "LogPolicy" = 0x0

```
|| |    |  ||   "NotifyThreshold" = 0x0
|| |    |  ||   "MinLogSizeToNotify" = 0x0
|| |    |  ||   "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |    |  ||   "CCIOServiceObjType" = 0x138a
|| |    |  ||   "LogIdentifier" = "brcm0"
|| |    |  ||   "PipeType" = 0x1
|| |    |  ||   "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |    |  ||   "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    |  ||   "PipeSize" = 0x40
|| |    |  ||   "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001,"   Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001,"          Capture
Requests")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Pipe
CrashTracerLogs"})
|| |    |  ||   "FileOptions" = 0x0
|| |    |  ||   "DirectoryName" = "WiFi"
|| |    |  ||   "Filename" = "CrashTracerLog"
|| |    |  ||}
|| |    |  ||
|| |    |  +-o CCDataStream  <class CCIOService, id 0x100000bfb, registered, matched, active, busy 0 (1 ms), retain
8>
|| |    |  |  {
|| |    |  |    "IOClass" = "CCDataStream"
|| |    |  |    "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |    |  |    "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    |  |    "Name" = "CrashTracerStream"
|| |    |  |    "Id" = 0x1
|| |    |  |    "LogIdentifier" = ""
|| |    |  |    "IOUserServerName" = "com.apple.bcmwlan"
|| |    |  |    "CCIOServiceObjType" = 0x138b
|| |    |  |    "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |    |  |    "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |    |  |    "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |    |  |    "IOUserClass" = "CCIOService"
|| |    |  |  }
|| |    |  |
|| |    |  +-o AppleBCMWLANCore  <class IOUserService, id 0x100000bfd, registered, matched, active, busy 0 (7088
ms), retain 28>
|| |    |  ||{
|| |    |  ||   "IOPersonalityPublisher" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    |  ||   "built-in" = <00>
|| |    |  ||   "CoreCaptureIOServiceProperties" =
{"CoreCaptureDataPipeUserClientProperties"={"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"},"C
oreCaptureLogPipeUserClientProperties"={"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"},"CoreCa
ptureCaptureProperties"={"IOClass"="CCCapture","IOUserClass"="CCCapture"},"IOClass"="CCIOService","IOUserClass"=
"CCIOService"}
|| |    |  ||   "mDNSOffloadEnable: bdo" = <010004000000000000>
|| |    |  ||   "TCP Keepalive Probe Response Packet" =
<00000000000000000000000000000000045000028321f000040060a3dc0a8b28911bcb986f0b41467999c5b6145cef4f
4501000003c830000>
|| |    |  ||   "DriverKit_IO80211AWDLLLW" =
{"IOUserClass"="AppleBCMWLANLowLatencyInterface","CFBundleIdentifier"="com.apple.DriverKit-
AppleBCMWLAN","IOProviderClass"="IOUserService","IO80211InterfaceRole"="LowLatency","IOClass"="IOUserNetworkW
LAN","CFBundleIdentifierKernel"="com.apple.iokit.IOSkywalkFamily","IOInterfaceUnit"=0x0}
|| |    |  ||   "kOSBundleDextUniqueIdentifier" =
<bf4014f126adca6158d1b91a459f6ba06bff27b96c102b1c09a372baad64d15e>
|| |    |  ||   "IOUserServerOneProcess" = Yes
|| |    |  ||   "IOUserServerPreserveUserspaceReboot" = Yes
|| |    |  ||   "IOMatchCategory" = "IODefaultMatchCategory"
|| |    |  ||   "Debuggable - IO80211_io80211isDebuggable" = No
|| |    |  ||   "mDNSOffloadDownloadConfig : bdo blob fragnum: 0" =
<000067005f0000005f00000030504a4200000000000010202c0a8b28918fe8000fe8000000000000018bf22ffb9d09e7740
20011c004b1e0d000c79dd1fd945174040ff0200000000000000000001ffd09e77ff0200000000000000000001ff4517400
00000000000000000000000>
|| |    |  ||   "Debuggable - isDebugCommandActionAllowed" = No
|| |    |  ||   "FirmwareLoaded" = Yes
|| |    |  ||   "IOProbeScore" = 0x0
|| |    |  ||   "AppleBCMWLAN.BuildDate" = "Apr 18 2025 20:06:20"
|| |    |  ||   "IOClass" = "IOUserService"
|| |    |  ||   "AppleBCMWLAN.BuildType" = "release"
|| |    |  ||   "ReporterProxy" =
{"IOClass"="IOUserService","CFBundleIdentifierKernel"="com.apple.kpi.iokit","IOProviderClass"="IOUserService","IOUser
Class"="IO80211ReporterProxy"}
|| |    |  ||   "DriverKitDriver" = Yes
|| |    |  ||   "IOUserServerCDHash" = "d2446e27556315b30d1c8eb711d3e9fc35dfb668"
|| |    |  ||   "DriverKit_IO80211NANIR" =
{"IOUserClass"="AppleBCMWLANNANDataInterface","IO80211VirtualInterfaceRole"="WiFi-Aware
Data","CFBundleIdentifier"="com.apple.DriverKit-
AppleBCMWLAN","IOClass"="IOUserNetworkWLAN","IOProviderClass"="IOUserService","CFBundleIdentifierKernel"="com.
apple.iokit.IOSkywalkFamily","IO80211APIUserClientProperties"={"IOClass"="IOUserUserClient","IOUserClass"="IO80211A
PIUserClient"},"IOInterfaceUnit"=0x0}
|| |    |  ||   "IOMatchedPersonality" =
{"IOClass"="IOUserService","kOSBundleDextUniqueIdentifier"=<bf4014f126adca6158d1b91a459f6ba06bff27b96c102b1c
09a372baad64d15e>,"IOUserClass"="AppleBCMWLANCore","IOUserServerName"="com.apple.bcmwlan","AppleBCMWLA
NUserClientProperties"={"IOClass"="IOUserUserClient","IOUserClass"="AppleBCMWLANUserClient"},"IOPersonalityPublis
her"="com.apple.DriverKit-
```

AppleBCMWLAN","CoreCaptureIOServiceProperties"={"CoreCaptureDataPipeUserClientProperties"={"IOClass"="IOUserU
serClient","IOUserClass"="CCDataPipeUs$
    || | | || "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
    || | | || "DriverKit_IO80211SoftAP" =
{"IOUserClass"="AppleBCMWLANIO80211APSTAInterface","IO80211VirtualInterfaceRole"="SoftAP","CFBundleIdentifier"="
com.apple.DriverKit-
AppleBCMWLAN","IOClass"="IOUserNetworkWLAN","IOProviderClass"="IOUserService","CFBundleIdentifierKernel"="com.
apple.iokit.IOSkywalkFamily","IO80211APIUserClientProperties"={"IOClass"="IOUserUserClient","IOUserClass"="IO80211A
PIUserClient"},"IOInterfaceUnit"=0x1}
    || | | || "wlan.hw.feature-flags" = 0x0
    || | | || "ModuleInfo" = "chip='s=B1' module='M=RASP m=6.5 V=u' prod='17445' manuf='5348'"
    || | | || "FirmwareLoader" = {"IOClass"="IOUserService","IOUserClass"="AppleBCMWLANCoreFirmwareLoader"}
    || | | || "AppleBCMWLANUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="AppleBCMWLANUserClient"}
    || | | || "TCP Keepalive Probe Packet" =
<00000000000000000000000000000000000045000028321f000040060a3dc0a8b28911bcb986f0b41467999c5b6045cef4f
4501000003c840000>
    || | | || "FWCap" = "ap sta wme 802.11d 802.11h cqa cac dualband ampdu ampdu_tx ampdu_rx amsdurx amsdutx
radio_pwrsave proptxstatus wds anqpo proxd vht-prop-rates single-user-beamformer multi-user-beamformee single-
user-beamformee he dfrts lpas txpwrcache rsdb mfp ndoe wnm bsstrans txcap epno pfnx scanmac bdo cptlv-4 pktfltr2 ve
fbtoverds fbt_adpt ecounters event_log cdef awdl txcap arb hchk d11status scancache icmp ifver tko idauth ifst ucm fie
tvpm tdmtx nan nanrange lpr_scan bkoff_evt etd_info clm_restrict evt_ext dfsp btc$
    || | | || "IOPMResetPowerStateOnWake" = Yes
    || | | || "IO80211Family.BuildTag" = "IO80211_driverkit-1475.39"
    || | | || "Last valid: pkt_filter_ports" = <00000100b4f0>
    || | | || "setTCPAliveOffloadEnable: tko" = <0300040000000000>
    || | | || "PTM_Mode" = 0x1
    || | | || "TKO status data" =
<0400110010ffffffffffffffffffffffffffffffffffffffff3d00000000000000000000000000000000000100000000007cd00acf>
    || | | || "getTCPAliveOffloadWakeReason: tko" = <04000000>
    || | | || "AppleBCMWLAN.BuildTag" = "AppleBCMWLANV3_driverkit-1425.45"
    || | | || "CFBundleIdentifierKernel" = "com.apple.kpi.iokit"
    || | | || "IOUserServerName" = "com.apple.bcmwlan"
    || | | || "Debuggable - IO80211_isDebugCommandActionAllowed" = No
    || | | || "ChipSet" = 0x111a
    || | | || "IOUserClass" = "AppleBCMWLANCore"
    || | | || "IO80211Family.BuildDate" = "Apr 18 2025 20:10:40"
    || | | || "IO80211Family.BuildTagGit" = ""IO80211_driverkit-1475.39""
    || | | || "PlatformConfigFileName" = "shikoku-PlatformConfig.plist"
    || | | || "TxCapVersion" = "Data Title: Shikoku_Final_WIFICap_2020Aug25_v1.0 Data Creation: 2024-12-07
04:04:42 "
    || | | || "DriverKitDriverPlatformType" = "macOS"
    || | | || "nicproxy_info_t Handoff data" =
<74010000d45763cbd55d0000010102044400000048000000490000008900000000000000790000007900000001000
00000a0000001e0000006d0000008d00000001000000a8000007900000007d000000c0a8b28918fe80000000000000
18bf22ffb9d09e7720011c004b1e0d000c79dd1fd9451740f680000000000000e8daa9fffeaed7c3fe800000000000000e8da
a9fffeaed7c34040404084030000b4f06714186a81def56a0000605b9c99f4f4ce4589b2a8c086b9bc118900000089b2a8
c088b9bc111d0100000534363939350a5f6b656570616c6c697665075f646e732d7364045756470056c6f63616c6c0000a8
001000$
    || | | || "FirmwareVersion" = "wl0: Dec 7 2024 04:41:25 version 18.90.5.0.7.8.177 FWID 01-02f4dc53"
    || | | || "WLAN configurePNONetworks 'pfn_add' data" =
<0c0000005a6967676f32373231343134000000000000000000000000000000000000000010b500000100000000000
000ffffffff010000000d000000564756373531393231463443333000000000000000000000000000000000000010b50
0000100000000000000ffffffff0100000009000000475331204775657374400000000000000000000000000000000
000000000010b500001000000000000000ffffffff01000000190000004d617263656c6c6c61e2809973206950686f6e652
067726f6f74400000000000000010b5000001000000000000000ffffffff01000000130000004361736120206e6f206506$
    || | | || "LastSleepMode" = 0x1
    || | | || "Debuggable - isVerboseDebugLoggingAllowed" = Yes
    || | | || "IODEXTMatchCount" = 0x1
    || | | || "IOPropertyMatch" = {"IOUserClass"="AppleBCMWLANBusInterfacePCIe"}
    || | | || "IOProviderClass" = "IOUserService"
    || | | || "DriverKit_IO80211NANLLW" =
{"IOUserClass"="AppleBCMWLANLowLatencyInterface","CFBundleIdentifier"="com.apple.DriverKit-
AppleBCMWLAN","IOProviderClass"="IOUserService","IO80211InterfaceRole"="LowLatency","IOClass"="IOUserNetworkW
LAN","CFBundleIdentifierKernel"="com.apple.iokit.IOSkywalkFamily","IOInterfaceUnit"=0x1}
    || | | || "RequestedFiles" = ({"Firmware"="C-4378__s-B1/shikoku.trx","TxCap"="C-4378__s-B1/shikoku-
X3.txcb","Regulatory"="C-4378__s-B1/shikoku-X3.clmb","NVRAM"="C-4378__s-B1/P-shikoku-X3_M-RASP_V-
u__m-6.5.txt"})
    || | | || "IOFeatures" = 0x0
    || | | || "setTCPAliveOffloadConfig: tko" =
<0200a8000000b4f067140000615b9c99f4f4ce4536003600c0a8b28911bcb986186a81def56aced0a5f766db08004500
0028321f000040060a3dc0a8b28911bcb986f0b41467999c5b6045cef4f4501000003c840000186a81def56aced0a5f766
db080045000028321f000040060a3dc0a8b28911bcb986f0b41467999c5b6145cef4f4501000003c8300000000000000
00000000000000000000000000000000000000000000000000000000>
    || | | || "calload_status" = "0"
    || | | || "IOUserClasses" = ("AppleBCMWLANCore","IO80211Controller","IOService","OSObject")
    || | | || "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"DevicePowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x2,"MaxPowerState"=
0x2}
    || | | || "WLAN mDNSOffload data" =
<30504a4200000000010202c0a8b28918fe8000fe8000000000000018bf22ffb9d09e774020011c004b1e0d000c79dd1fd
945174040ff020000000000000000000001ffd09e77ff020000000000000000000001ff4517400000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
000000000000000000000000$
    || | | || "setTCPKeepAliveParam: tko" = <0100080084030500050000000>
    || | | || "DriverKit_IO80211AWDL" =
{"IOUserClass"="AppleBCMWLANProximityInterface","IO80211VirtualInterfaceRole"="AirLink","CFBundleIdentifier"="com.a
pple.DriverKit-

AppleBCMWLAN","IOClass"="IOUserNetworkWLAN","IOProviderClass"="IOUserService","CFBundleIdentifierKernel"="com.
apple.iokit.IOSkywalkFamily","IO80211APIUserClientProperties"={"IOClass"="IOUserUserClient","IOUserClass"="IO80211A
PIUserClient"},"IOInterfaceUnit"=0x0}
 || | | || "AppleBCMWLAN.BuildTagGit" = ""AppleBCMWLANV3_driverkit-1425.45""
 || | | || "Debuggable - isSoCRAMCaptureAllowed" = Yes
 || | | || "vendor-id" = "USI"
 || | | || "LastWakeReason" = 0x0
 || | | || "Debuggable - isDevFusedOrCSRInternal" = No
 || | | || "CoreDriverInitializationTime" = 0x9fa28cec9
 || | | || "CLMVersion" = "API: 21.0 Data: Oly.Shikoku Compiler: 1.70.2 ClmImport: 1.69.0 Customization: v4 Final
240607 Creation: 2024-12-07 04:04:45 "
 || | | || "ModuleDictionary" = {"ManufacturerID"=0x14e4,"ModuleInfo"="M=RASP m=6.5 V=u","subsystem-
vendor-id"=0x106b,"ChipInfo"="s=B1","ProductID"=0x4425}
 || | | || "DriverKit_IO80211NAN" =
{"IOUserClass"="AppleBCMWLANNANInterface","IO80211VirtualInterfaceRole"="WiFi-Aware
Discovery","CFBundleIdentifier"="com.apple.DriverKit-
AppleBCMWLAN","IOClass"="IOUserNetworkWLAN","IOProviderClass"="IOUserService","CFBundleIdentifierKernel"="com.
apple.iokit.IOSkywalkFamily","IO80211APIUserClientProperties"={"IOClass"="IOUserUserClient","IOUserClass"="IO80211A
PIUserClient"},"IOInterfaceUnit"=0x0}
 || | | || "initializeKeepAliveCapabilities: tko" = <00000000>
 || | | ||}
 || | | ||
 || | | |+-o IO80211ReporterProxy <class IOUserService, id 0x100000bff, registered, matched, active, busy 0 (0
ms), retain 14>
 || | | || {
 || | | || "IOUserClass" = "IO80211ReporterProxy"
 || | | || "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
 || | | || "IOProviderClass" = "IOUserService"
 || | | || "IOClass" = "IOUserService"
 || | | || "CFBundleIdentifierKernel" = "com.apple.kpi.iokit"
 || | | || "IOReportLegendPublic" = Yes
 || | | || "IOUserServerName" = "com.apple.bcmwlan"
 || | | || "IOReportLegend" =
({"IOReportGroupName"="Chip","IOReportChannels"=((0x2054436e42797465,0x100140001,"Tx Bytes"),
(0x2052436e42797465,0x100140001,"Rx
Bytes")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x900820000000000}},"IOReportSubGroupName"="Bytes
Transferred"},{"IOReportGroupName"="Chip","IOReportChannels"=((0x4d414344614d5241,0x180100001,"Rx Data Frame
matching RA"),(0x4d41434d674d5241,0x180100001,"Rx Management Frame matching RA"),
(0x4d414343744d5241,0x180100001,"Rx Control Frame matching RA"),(0x4d414344614$
 || | | || "IOUserClasses" = ("IO80211ReporterProxy","IOService","OSObject")
 || | | || }
 || | | ||
 || | | |+-o CCPipe <class CCIOService, id 0x100000c00, registered, matched, active, busy 0 (19 ms), retain 12>
 || | | |||{
 || | | ||| "IOClass" = "CCLogPipe"
 || | | ||| "LogType" = 0x0
 || | | ||| "IOUserClass" = "CCIOService"
 || | | ||| "IOUserServerName" = "com.apple.bcmwlan"
 || | | ||| "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
 || | | ||| "CompressionDisabled" = 0x0
 || | | ||| "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
 || | | ||| "Owner" = "com.apple.iokit.IO80211Family"
 || | | ||| "IOReportLegendPublic" = Yes
 || | | ||| "LogDataType" = 0x0
 || | | ||| "Name" = "ControlPath"
 || | | ||| "NumberOfFiles" = 0x2
 || | | ||| "FileSize" = 0x200000
 || | | ||| "LogPolicy" = 0x0
 || | | ||| "NotifyThreshold" = 0x3e8
 || | | ||| "MinLogSizeToNotify" = 0x6666
 || | | ||| "IOUserClasses" = ("CCIOService","IOService","OSObject")
 || | | ||| "CCIOServiceObjType" = 0x138a
 || | | ||| "LogIdentifier" = "ControlPath"
 || | | ||| "PipeType" = 0x0
 || | | ||| "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
 || | | ||| "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
 || | | ||| "PipeSize" = 0x10000
 || | | ||| "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001,"   Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001,"   Capture
Requests")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000}},"IOReportSubGroupName"="Pipe
ControlPath"})
 || | | ||| "FileOptions" = 0x0
 || | | ||| "DirectoryName" = "WiFi"
 || | | ||| "Filename" = "ControlPath"
 || | | |||}
 || | | |||
 || | | ||+-o CCLogStream <class CCIOService, id 0x100000c01, registered, matched, active, busy 0 (0 ms), retain
8>
 || | | ||| {
 || | | ||| "IOClass" = "CCLogStream"
 || | | ||| "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
 || | | ||| "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
 || | | ||| "StreamHeader" = <0600000000007373>
 || | | ||| "Name" = "IO80211 IOCTL Stream"
 || | | ||| "Id" = 0x1

```
|| |    | |||     "LogIdentifier" = "ioctl"
|| |    | |||     "CoreCaptureLevel" = 0xffffffffffffffff
|| |    | |||     "ConsoleLevel" = 0xffffffffffffffff
|| |    | |||     "MiscInfo" = 0x96
|| |    | |||     "IOUserServerName" = "com.apple.bcmwlan"
|| |    | |||     "ConsoleFlag" = 0x0
|| |    | |||     "CoreCaptureFlag" = 0x0
|| |    | |||     "CCIOServiceObjType" = 0x138b
|| |    | |||     "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |    | |||     "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |    | |||     "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |    | |||     "IOUserClass" = "CCIOService"
|| |    | |||   }
|| |    | |||
|| |    | ||+-o CCLogStream  <class CCIOService, id 0x100000c02, registered, matched, active, busy 0 (0 ms), retain
8>
|| |    | ||    {
|| |    | ||      "IOClass" = "CCLogStream"
|| |    | ||      "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |    | ||      "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    | ||      "StreamHeader" = <0700000000007373>
|| |    | ||      "Name" = "IO80211 Event Stream"
|| |    | ||      "Id" = 0x2
|| |    | ||      "LogIdentifier" = "event"
|| |    | ||      "CoreCaptureLevel" = 0xffffffffffffffff
|| |    | ||      "ConsoleLevel" = 0xffffffffffffffff
|| |    | ||      "MiscInfo" = 0x96
|| |    | ||      "IOUserServerName" = "com.apple.bcmwlan"
|| |    | ||      "ConsoleFlag" = 0x0
|| |    | ||      "CoreCaptureFlag" = 0x0
|| |    | ||      "CCIOServiceObjType" = 0x138b
|| |    | ||      "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |    | ||      "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |    | ||      "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |    | ||      "IOUserClass" = "CCIOService"
|| |    | ||    }
|| |    | ||
|| |    | |+-o CCPipe  <class CCIOService, id 0x100000c03, registered, matched, active, busy 0 (18 ms), retain 10>
|| |    | |||{
|| |    | |||     "IOClass" = "CCLogPipe"
|| |    | |||     "LogType" = 0x0
|| |    | |||     "IOUserClass" = "CCIOService"
|| |    | |||     "IOUserServerName" = "com.apple.bcmwlan"
|| |    | |||     "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |    | |||     "CompressionDisabled" = 0x0
|| |    | |||     "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |    | |||     "Owner" = "com.apple.iokit.IO80211Family"
|| |    | |||     "IOReportLegendPublic" = Yes
|| |    | |||     "LogDataType" = 0x1
|| |    | |||     "Name" = "LQMLogging"
|| |    | |||     "NumberOfFiles" = 0x2
|| |    | |||     "FileSize" = 0x400000
|| |    | |||     "LogPolicy" = 0x0
|| |    | |||     "NotifyThreshold" = 0x3e8
|| |    | |||     "MinLogSizeToNotify" = 0x10000
|| |    | |||     "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |    | |||     "CCIOServiceObjType" = 0x138a
|| |    | |||     "LogIdentifier" = "LQMLogging"
|| |    | |||     "PipeType" = 0x0
|| |    | |||     "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |    | |||     "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    | |||     "PipeSize" = 0x20000
|| |    | |||     "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001,"   Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001,"             Capture
Requests")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Pipe
LQMLogging"})
|| |    | |||     "FileOptions" = 0x0
|| |    | |||     "DirectoryName" = "WiFi"
|| |    | |||     "Filename" = "LQMLogging"
|| |    | |||}
|| |    | |||
|| |    | ||+-o CCLogStream  <class CCIOService, id 0x100000c04, registered, matched, active, busy 0 (1 ms), retain
8>
|| |    | ||    {
|| |    | ||      "IOClass" = "CCLogStream"
|| |    | ||      "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |    | ||      "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    | ||      "CoreCaptureLevel" = 0xffffffffffffffff
|| |    | ||      "Name" = "LQMLogging"
|| |    | ||      "Id" = 0x1
|| |    | ||      "LogIdentifier" = "LQMLogging"
|| |    | ||      "ConsoleFlag" = 0x0
```

```
|| |    |  ||      "ConsoleLevel" = 0xffffffffffffffff
|| |    |  ||      "MiscInfo" = 0x0
|| |    |  ||      "IOUserServerName" = "com.apple.bcmwlan"
|| |    |  ||      "CoreCaptureFlag" = 0x0
|| |    |  ||      "CCIOServiceObjType" = 0x138b
|| |    |  ||      "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |    |  ||      "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |    |  ||      "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |    |  ||      "IOUserClass" = "CCIOService"
|| |    |  ||    }
|| |    |  ||
|| |    |  | +-o AppleBCMWLANSkywalkInterface  <class IOUserNetworkWLAN, id 0x100000c08, registered, matched,
active, busy 0 (5489 ms), retain 27>
|| |    |  |||{
|| |    |  |||    "kOSBundleDextUniqueIdentifier" =
<bf4014f126adca6158d1b91a459f6ba06bff27b96c102b1c09a372baad64d15e>
|| |    |  |||    "IO80211BSSID" = <000000000000>
|| |    |  |||    "IO80211RSNDone" = Yes
|| |    |  |||    "IOInterfaceType" = 0x6
|| |    |  |||    "IO80211ChannelBandwidth" = 0x50
|| |    |  |||    "IOUserServerPreserveUserspaceReboot" = Yes
|| |    |  |||    "IOUserServerOneProcess" = Yes
|| |    |  |||    "IO80211CountryCode" = "NL"
|| |    |  |||    "mDNS_Keepalive" = Yes
|| |    |  |||    "IO80211SSID" = "<SSID Redacted>"
|| |    |  |||    "IO80211InterfaceRole" = "Infrastructure"
|| |    |  |||    "IOPropertyMatch" = {"IOUserClass"="AppleBCMWLANCore"}
|| |    |  |||    "IOServiceDEXTEntitlements" = "com.apple.developer.driverkit.family.networking"
|| |    |  |||    "IOUserClasses" =
("AppleBCMWLANSkywalkInterface","AppleBCMWLANInfraProtocol","IO80211InfraProtocol","IO80211InfraInterface","IO802
11SkywalkInterface","IOUserNetworkWLAN","IOUserNetworkEthernet","IOService","OSObject")
|| |    |  |||    "IOInterfaceNamePrefix" = "en"
|| |    |  |||    "IOUserServerCDHash" = "d2446e27556315b30d1c8eb711d3e9fc35dfb668"
|| |    |  |||    "built-in" = <00>
|| |    |  |||    "IOPersonalityPublisher" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    |  |||    "IOPowerManagement" =
{"DevicePowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x2,"MaxPowerState"=0x2}
|| |    |  |||    "mDNS_KEY" = "2009-07-30"
|| |    |  |||    "IO80211ChannelFrequency" = 0x15f4
|| |    |  |||    "IOUserServerName" = "com.apple.bcmwlan"
|| |    |  |||    "IOMACAddress" = <ced0a5f766db>
|| |    |  |||    "IO80211HardwareVersion" = "vendorid: 0x14e4 deviceid: 0x4425 radiorev: 0x450db chipnum: 0x4378
chiprev: 0x3 corerev: 0x54 boardid: 0x8c2 boardvendor: 0x14e4 boardrev: 0x1600 driverrev: 0x0 ucoderev: 0x5a70064
bus: 0x0 "
|| |    |  |||    "IOMatchedPersonality" =
{"IOClass"="IOUserNetworkWLAN","CFBundleIdentifier"="com.apple.DriverKit-
AppleBCMWLAN","IO80211InterfaceRole"="Infrastructure","IOProviderClass"="IOUserService","IOUserServerCDHash"="d
2446e27556315b30d1c8eb711d3e9fc35dfb668","IO80211APIUserClientProperties"={"IOClass"="IOUserUserClient","IOUs
erClass"="IO80211APIUserClient"},"IOPropertyMatch"={"IOUserClass"="AppleBCMWLANCore"},"IOUserServerPreserveUs
erspaceReboot"=Yes,"IOUserServerName"="com.apple.bcmwlan","kOSBundleDextUniqueIdentifier"=<b$
|| |    |  |||    "IO80211Channel" = 0x7c
|| |    |  |||    "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    |  |||    "IOInterfaceName" = "en0"
|| |    |  |||    "IO80211APIUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="IO80211APIUserClient"}
|| |    |  |||    "IOProviderClass" = "IOUserService"
|| |    |  |||    "IOUserClass" = "AppleBCMWLANSkywalkInterface"
|| |    |  |||    "IOPMResetPowerStateOnWake" = Yes
|| |    |  |||    "IO80211DriverVersion" = "wl0: Dec  7 2024 04:41:25 version 18.90.5.0.7.8.177 FWID 01-02f4dc53"
|| |    |  |||    "IOInterfaceUnit" = 0x0
|| |    |  |||    "CFBundleIdentifierKernel" = "com.apple.iokit.IOSkywalkFamily"
|| |    |  |||    "IOClass" = "IOUserNetworkWLAN"
|| |    |  |||    "IO80211Locale" = "Unknown"
|| |    |  |||    "IO80211Band" = "5 GHz"
|| |    |  |||    "IOMatchCategory" = "IODefaultMatchCategory"
|| |    |  |||    "IOProbeScore" = 0x0
|| |    |  |||}
|| |    |  |||
|| |    |  | +-o IOSkywalkLegacyEthernet  <class IOSkywalkLegacyEthernet, id 0x100000c67, !registered, !matched,
active, busy 0 (0 ms), retain 8>
|| |    |  ||||{
|| |    |  ||||    "IOClass" = "IOSkywalkLegacyEthernet"
|| |    |  ||||    "CFBundleIdentifier" = "com.apple.iokit.IOSkywalkFamily"
|| |    |  ||||    "IOProviderClass" = "IOSkywalkEthernetInterface"
|| |    |  ||||    "IOPacketFilters" = {"IONetworkFilterGroup"=0x113,"IOEthernetWakeOnLANFilterGroup"=0x0}
|| |    |  ||||    "IOMACAddress" = <d45763cbd55d>
|| |    |  ||||    "IOLinkSpeed" = 0x0
|| |    |  ||||    "IOProbeScore" = 0x0
|| |    |  ||||    "IOMatchedAtBoot" = Yes
|| |    |  ||||    "AVBControllerState" = 0x1
|| |    |  ||||    "IOMatchCategory" = "IOSkywalkLegacyEthernet"
|| |    |  ||||    "IOSelectedMedium" = ""
|| |    |  ||||    "IOClassNameOverride" = "IO80211Controller"
|| |    |  ||||    "IOPersonalityPublisher" = "com.apple.iokit.IOSkywalkFamily"
|| |    |  ||||    "IOFeatures" = 0x0
|| |    |  ||||    "CFBundleIdentifierKernel" = "com.apple.iokit.IOSkywalkFamily"
|| |    |  ||||    "IOLinkStatus" = 0x3
|| |    |  ||||    "IOMaxPacketSize" = 0x5ee
|| |    |  ||||    "IOActiveMedium" = ""
```

```
|| |   | |||| "IOMinPacketSize" = 0x40
|| |   | ||||}
|| |   | ||||
|| |   | |||+-o en0  <class IOSkywalkLegacyEthernetInterface, id 0x100000c69, registered, matched, active, busy 0
(0 ms), retain 12>
|| |   | |||| |{
|| |   | |||| | "IOLocation" = ""
|| |   | |||| | "IORequiredPacketFilters" = {"IONetworkFilterGroup"=0x3,"IOEthernetWakeOnLANFilterGroup"=0x0}
|| |   | |||| | "IOLinkActiveCount" = 0x0
|| |   | |||| | "BSD Name" = "en0"
|| |   | |||| | "IOMaxTransferUnit" = 0x5dc
|| |   | |||| | "IOInterfaceType" = 0x6
|| |   | |||| | "IOInterfaceFlags" = 0x822
|| |   | |||| | "IOMediaAddressLength" = 0x6
|| |   | |||| | "IOInterfaceState" = 0x3
|| |   | |||| | "IOMediaHeaderLength" = 0xe
|| |   | |||| | "IOActivePacketFilters" = {"IONetworkFilterGroup"=0x0,"IOEthernetWakeOnLANFilterGroup"=0x0}
|| |   | |||| | "IOInterfaceExtraFlags" = 0x0
|| |   | |||| | "IOPrimaryInterface" = Yes
|| |   | |||| | "IOInterfaceUnit" = 0x0
|| |   | |||| | "IOInterfaceNamePrefix" = "en"
|| |   | |||| | "IOBuiltin" = Yes
|| |   | |||| | "IONetworkData" =
{"IONetworkStatsKey"={"Size"=0x14,"Data"=<00000000000000000000000000000000000000000>,"Access
Types"=0x9},"IOEthernetStatsKey"={"Size"=0xd8,"Data"=<000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000$
|| |   | |||| |}
|| |   | |||| |
|| |   | ||| +-o IONetworkStack  <class IONetworkStack, id 0x100000609, registered, matched, active, busy 0 (4
ms), retain 20>
|| |   | ||| |{
|| |   | ||| | "IOProbeScore" = 0x0
|| |   | ||| | "CFBundleIdentifier" = "com.apple.iokit.IONetworkingFamily"
|| |   | ||| | "IOMatchCategory" = "IONetworkStack"
|| |   | ||| | "IOClass" = "IONetworkStack"
|| |   | ||| | "IOPersonalityPublisher" = "com.apple.iokit.IONetworkingFamily"
|| |   | ||| | "IOProviderClass" = "IOResources"
|| |   | ||| | "CFBundleIdentifierKernel" = "com.apple.iokit.IONetworkingFamily"
|| |   | ||| | "IOMatchedAtBoot" = Yes
|| |   | ||| | "IOUserClientClass" = "IONetworkStackUserClient"
|| |   | ||| | "IOResourceMatch" = "IOBSD"
|| |   | ||| |}
|| |   | ||| |
|| |   | ||| +-o IONetworkStackUserClient  <class IONetworkStackUserClient, id 0x100000aac, !registered, !
matched, active, busy 0, retain 5>
|| |   | |||     {
|| |   | |||      "IOUserClientCreator" = "pid 325, configd"
|| |   | |||      "IOUserClientDefaultLocking" = Yes
|| |   | |||     }
|| |   | |||
|| |   | ||+-o IOSkywalkNetworkBSDClient  <class IOSkywalkNetworkBSDClient, id 0x100000c6e, registered,
matched, active, busy 0 (0 ms), retain 8>
|| |   | |||  {
|| |   | |||   "IOClass" = "IOSkywalkNetworkBSDClient"
|| |   | |||   "CFBundleIdentifier" = "com.apple.iokit.IOSkywalkFamily"
|| |   | |||   "IOProviderClass" = "IOSkywalkNetworkInterface"
|| |   | |||   "IOSkywalkNexusUUID" = "4ADEEBF0-5D82-4AB4-B5D6-569962BD6721"
|| |   | |||   "IOProbeScore" = 0x3e8
|| |   | |||   "IOResourceMatch" = "IOBSD"
|| |   | |||   "IOMatchedAtBoot" = Yes
|| |   | |||   "IOMatchCategory" = "IODefaultMatchCategory"
|| |   | |||   "IOReportLegend" = ({"IOReportGroupName"="User RX Submission
Queue","IOReportChannels"=((0x534b725300000000,0x180000001,"Enabled"),
(0x534b725300000001,0x180000001,"Capacity"),(0x534b725300000002,0x180000001,"Buffer Size"),
(0x534b725300000003,0x180000001,"Queue State"),(0x534b725300000004,0x180000001,"Packet Count"),
(0x534b725300000005,0x180000001,"Dequeued Packets"),(0x534b725300000006,0x180000001,"Returned Packets"),
(0x534b725300000007,0x180000001,"Dequeue Count"),(0x534b725300000008,0x180000001,"Dequeue Errors$
|| |   | |||   "IOReportLegendPublic" = Yes
|| |   | |||   "IOPersonalityPublisher" = "com.apple.iokit.IOSkywalkFamily"
|| |   | |||   "CFBundleIdentifierKernel" = "com.apple.iokit.IOSkywalkFamily"
|| |   | |||  }
|| |   | |||
|| |   | ||+-o IO80211APIUserClient  <class IOUserUserClient, id 0x100000c71, !registered, !matched, active, busy 0,
retain 8>
|| |   | |||  {
|| |   | |||   "IOUserClass" = "IO80211APIUserClient"
|| |   | |||   "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |   | |||   "IOClass" = "IOUserUserClient"
|| |   | |||   "IOUserClientCreator" = "pid 396, airportd"
|| |   | |||   "IOUserClientDefaultLocking" = Yes
|| |   | |||   "IOUserServerName" = "com.apple.bcmwlan"
|| |   | |||   "IOUserClasses" = ("IO80211APIUserClient","IOUserClient","IOService","OSObject")
|| |   | |||  }
|| |   | |||
|| |   | ||+-o IO80211APIUserClient  <class IOUserUserClient, id 0x100000c72, !registered, !matched, active, busy 0,
retain 8>
|| |   | |||  {
```

```
|| |    |  |||     "IOUserClass" = "IO80211APIUserClient"
|| |    |  |||     "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    |  |||     "IOClass" = "IOUserUserClient"
|| |    |  |||     "IOUserClientCreator" = "pid 396, airportd"
|| |    |  |||     "IOUserClientDefaultLocking" = Yes
|| |    |  |||     "IOUserServerName" = "com.apple.bcmwlan"
|| |    |  |||     "IOUserClasses" = ("IO80211APIUserClient","IOUserClient","IOService","OSObject")
|| |    |  ||| }
|| |    |  |||
|| |    | || +-o IO80211APIUserClient  <class IOUserUserClient, id 0x100000c73, !registered, !matched, active, busy 0,
retain 7>
|| |    |  ||| {
|| |    |  |||     "IOUserClass" = "IO80211APIUserClient"
|| |    |  |||     "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    |  |||     "IOClass" = "IOUserUserClient"
|| |    |  |||     "IOUserClientCreator" = "pid 396, airportd"
|| |    |  |||     "IOUserClientDefaultLocking" = Yes
|| |    |  |||     "IOUserServerName" = "com.apple.bcmwlan"
|| |    |  |||     "IOUserClasses" = ("IO80211APIUserClient","IOUserClient","IOService","OSObject")
|| |    |  ||| }
|| |    |  |||
|| |    | || +-o IO80211APIUserClient  <class IOUserUserClient, id 0x100000c7a, !registered, !matched, active, busy 0,
retain 7>
|| |    |  ||| {
|| |    |  |||     "IOUserClass" = "IO80211APIUserClient"
|| |    |  |||     "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    |  |||     "IOClass" = "IOUserUserClient"
|| |    |  |||     "IOUserClientCreator" = "pid 396, airportd"
|| |    |  |||     "IOUserClientDefaultLocking" = Yes
|| |    |  |||     "IOUserServerName" = "com.apple.bcmwlan"
|| |    |  |||     "IOUserClasses" = ("IO80211APIUserClient","IOUserClient","IOService","OSObject")
|| |    |  ||| }
|| |    |  |||
|| |    | || +-o IO80211APIUserClient  <class IOUserUserClient, id 0x100000c7c, !registered, !matched, active, busy 0,
retain 8>
|| |    |  ||| {
|| |    |  |||     "IOUserClass" = "IO80211APIUserClient"
|| |    |  |||     "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    |  |||     "IOClass" = "IOUserUserClient"
|| |    |  |||     "IOUserClientCreator" = "pid 575, wifip2pd"
|| |    |  |||     "IOUserClientDefaultLocking" = Yes
|| |    |  |||     "IOUserServerName" = "com.apple.bcmwlan"
|| |    |  |||     "IOUserClasses" = ("IO80211APIUserClient","IOUserClient","IOService","OSObject")
|| |    |  ||| }
|| |    |  |||
|| |    | || +-o IO80211APIUserClient  <class IOUserUserClient, id 0x100000cc6, !registered, !matched, active, busy 0,
retain 7>
|| |    |  ||| {
|| |    |  |||     "IOUserClass" = "IO80211APIUserClient"
|| |    |  |||     "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    |  |||     "IOClass" = "IOUserUserClient"
|| |    |  |||     "IOUserClientCreator" = "pid 396, airportd"
|| |    |  |||     "IOUserClientDefaultLocking" = Yes
|| |    |  |||     "IOUserServerName" = "com.apple.bcmwlan"
|| |    |  |||     "IOUserClasses" = ("IO80211APIUserClient","IOUserClient","IOService","OSObject")
|| |    |  ||| }
|| |    |  |||
|| |    | || +-o IO80211APIUserClient  <class IOUserUserClient, id 0x100000cd0, !registered, !matched, active, busy
0, retain 8>
|| |    |  ||| {
|| |    |  |||     "IOUserClass" = "IO80211APIUserClient"
|| |    |  |||     "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    |  |||     "IOClass" = "IOUserUserClient"
|| |    |  |||     "IOUserClientCreator" = "pid 628, sharingd"
|| |    |  |||     "IOUserClientDefaultLocking" = Yes
|| |    |  |||     "IOUserServerName" = "com.apple.bcmwlan"
|| |    |  |||     "IOUserClasses" = ("IO80211APIUserClient","IOUserClient","IOService","OSObject")
|| |    |  ||| }
|| |    |  |||
|| |    | || +-o IO80211APIUserClient  <class IOUserUserClient, id 0x1000021d5, !registered, !matched, active, busy 0,
retain 7>
|| |    |  ||| {
|| |    |  |||     "IOUserClass" = "IO80211APIUserClient"
|| |    |  |||     "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    |  |||     "IOClass" = "IOUserUserClient"
|| |    |  |||     "IOUserClientCreator" = "pid 1828, wifivelocityd"
|| |    |  |||     "IOUserClientDefaultLocking" = Yes
|| |    |  |||     "IOUserServerName" = "com.apple.bcmwlan"
|| |    |  |||     "IOUserClasses" = ("IO80211APIUserClient","IOUserClient","IOService","OSObject")
|| |    |  ||| }
|| |    |  |||
|| |    | || +-o IO80211APIUserClient  <class IOUserUserClient, id 0x100002252, !registered, !matched, active, busy
0, retain 7>
|| |    |  || {
|| |    |  ||     "IOUserClass" = "IO80211APIUserClient"
|| |    |  ||     "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    |  ||     "IOClass" = "IOUserUserClient"
|| |    |  ||     "IOUserClientCreator" = "pid 630, wifianalyticsd"
|| |    |  ||     "IOUserClientDefaultLocking" = Yes
|| |    |  ||     "IOUserServerName" = "com.apple.bcmwlan"
```

```
|| |    | ||      "IOUserClasses" = ("IO80211APIUserClient","IOUserClient","IOService","OSObject")
|| |    | ||    }
|| |    | ||
|| |    | |+-o CCPipe  <class CCIOService, id 0x100000c09, registered, matched, active, busy 0 (19 ms), retain 10>
|| |    | |||{
|| |    | |||   "IOClass" = "CCLogPipe"
|| |    | |||   "LogType" = 0x0
|| |    | |||   "IOUserClass" = "CCIOService"
|| |    | |||   "IOUserServerName" = "com.apple.bcmwlan"
|| |    | |||   "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |    | |||   "CompressionDisabled" = 0x0
|| |    | |||   "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |    | |||   "Owner" = "com.apple.iokit.IO80211Family"
|| |    | |||   "IOReportLegendPublic" = Yes
|| |    | |||   "LogDataType" = 0x1
|| |    | |||   "Name" = "Interface_Infrastructure_0"
|| |    | |||   "NumberOfFiles" = 0x2
|| |    | |||   "FileSize" = 0x200000
|| |    | |||   "LogPolicy" = 0x0
|| |    | |||   "NotifyThreshold" = 0x3e8
|| |    | |||   "MinLogSizeToNotify" = 0x10000
|| |    | |||   "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |    | |||   "CCIOServiceObjType" = 0x138a
|| |    | |||   "LogIdentifier" = "InterfaceLogs"
|| |    | |||   "PipeType" = 0x0
|| |    | |||   "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |    | |||   "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    | |||   "PipeSize" = 0x20000
|| |    | |||   "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001,"  Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001,"          Capture
Requests")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Pipe
Interface_Infrastructure_0"})
|| |    | |||   "FileOptions" = 0x0
|| |    | |||   "DirectoryName" = "WiFi"
|| |    | |||   "Filename" = "Interface_Infrastructure_0"
|| |    | |||}
|| |    | |||
|| |    | ||+-o CCLogStream  <class CCIOService, id 0x100000c0a, registered, matched, active, busy 0 (0 ms), retain
8>
|| |    | ||    {
|| |    | ||      "IOClass" = "CCLogStream"
|| |    | ||      "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |    | ||      "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    | ||      "CoreCaptureLevel" = 0xffffffffffffffff
|| |    | ||      "Name" = "Interface_Infrastructure_0"
|| |    | ||      "Id" = 0x1
|| |    | ||      "LogIdentifier" = "InterfaceLogs"
|| |    | ||      "ConsoleFlag" = 0x0
|| |    | ||      "ConsoleLevel" = 0xffffffffffffffff
|| |    | ||      "MiscInfo" = 0x0
|| |    | ||      "IOUserServerName" = "com.apple.bcmwlan"
|| |    | ||      "CoreCaptureFlag" = 0x0
|| |    | ||      "CCIOServiceObjType" = 0x138b
|| |    | ||      "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |    | ||      "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |    | ||      "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |    | ||      "IOUserClass" = "CCIOService"
|| |    | ||    }
|| |    | ||
|| |    | |+-o AppleBCMWLANIO80211APSTAInterface  <class IOUserNetworkWLAN, id 0x100000c5a, registered,
matched, active, busy 0 (24 ms), retain 18>
|| |    | |||{
|| |    | |||   "IOClass" = "IOUserNetworkWLAN"
|| |    | |||   "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    | |||   "IOProviderClass" = "IOUserService"
|| |    | |||   "BSD Name" = "ap1"
|| |    | |||   "IOServiceDEXTEntitlements" = "com.apple.developer.driverkit.family.networking"
|| |    | |||   "IO80211APIUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="IO80211APIUserClient"}
|| |    | |||   "IOMACAddress" = <92b62e7f3d9d>
|| |    | |||   "IOInterfaceType" = 0x6
|| |    | |||   "IO80211VirtualInterfaceRole" = "SoftAP"
|| |    | |||   "IOUserServerName" = "com.apple.bcmwlan"
|| |    | |||   "IOUserClasses" =
("AppleBCMWLANIO80211APSTAInterface","IO80211SapProtocol","IO80211VirtualInterface","IO80211SkywalkInterface","IO
UserNetworkWLAN","IOUserNetworkEthernet","IOService","OSObject")
|| |    | |||   "IOInterfaceName" = "ap1"
|| |    | |||   "CFBundleIdentifierKernel" = "com.apple.iokit.IOSkywalkFamily"
|| |    | |||   "IOInterfaceUnit" = 0x1
|| |    | |||   "IOInterfaceNamePrefix" = "ap"
|| |    | |||   "IOPMResetPowerStateOnWake" = Yes
|| |    | |||   "IOUserClass" = "AppleBCMWLANIO80211APSTAInterface"
|| |    | |||}
|| |    | |||
```

```
|| |   | || +-o IOSkywalkNetworkBSDClient  <class IOSkywalkNetworkBSDClient, id 0x100000c63, registered,
matched, active, busy 0 (0 ms), retain 7>
|| |   | |||  {
|| |   | |||    "IOClass" = "IOSkywalkNetworkBSDClient"
|| |   | |||    "CFBundleIdentifier" = "com.apple.iokit.IOSkywalkFamily"
|| |   | |||    "IOProviderClass" = "IOSkywalkNetworkInterface"
|| |   | |||    "IOSkywalkNexusUUID" = "1A856EA1-1886-4F2C-B2EE-8F8F6F02E7CB"
|| |   | |||    "IOProbeScore" = 0x3e8
|| |   | |||    "IOResourceMatch" = "IOBSD"
|| |   | |||    "IOMatchedAtBoot" = Yes
|| |   | |||    "IOMatchCategory" = "IODefaultMatchCategory"
|| |   | |||    "IOReportLegend" = ({"IOReportGroupName"="User TX Completion
Queue","IOReportChannels"=((0x534b744300000400,0x180000001,"Enabled"),
(0x534b744300000401,0x180000001,"Capacity"),(0x534b744300000402,0x180000001,"Buffer Size"),
(0x534b744300000403,0x180000001,"Queue State"),(0x534b744300000404,0x180000001,"Packet
Count")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="I/F ap1, QSet ID 0xc3070000,
Queue ID 4"},{"IOReportGroupName"="User TX Submission Queue","IOReportChannels"=((0x534b74530000$
|| |   | |||    "IOReportLegendPublic" = Yes
|| |   | |||    "IOPersonalityPublisher" = "com.apple.iokit.IOSkywalkFamily"
|| |   | |||    "CFBundleIdentifierKernel" = "com.apple.iokit.IOSkywalkFamily"
|| |   | |||  }
|| |   | |||
|| |   | || +-o IO80211APIUserClient  <class IOUserUserClient, id 0x100000c70, !registered, !matched, active, busy 0,
retain 8>
|| |   | |||  {
|| |   | |||    "IOUserClass" = "IO80211APIUserClient"
|| |   | |||    "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |   | |||    "IOClass" = "IOUserUserClient"
|| |   | |||    "IOUserClientCreator" = "pid 396, airportd"
|| |   | |||    "IOUserClientDefaultLocking" = Yes
|| |   | |||    "IOUserServerName" = "com.apple.bcmwlan"
|| |   | |||    "IOUserClasses" = ("IO80211APIUserClient","IOUserClient","IOService","OSObject")
|| |   | |||  }
|| |   | |||
|| |   | || +-o IO80211APIUserClient  <class IOUserUserClient, id 0x100000c77, !registered, !matched, active, busy 0,
retain 8>
|| |   | |||  {
|| |   | |||    "IOUserClass" = "IO80211APIUserClient"
|| |   | |||    "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |   | |||    "IOClass" = "IOUserUserClient"
|| |   | |||    "IOUserClientCreator" = "pid 396, airportd"
|| |   | |||    "IOUserClientDefaultLocking" = Yes
|| |   | |||    "IOUserServerName" = "com.apple.bcmwlan"
|| |   | |||    "IOUserClasses" = ("IO80211APIUserClient","IOUserClient","IOService","OSObject")
|| |   | |||  }
|| |   | |||
|| |   | || +-o IO80211APIUserClient  <class IOUserUserClient, id 0x100000c78, !registered, !matched, active, busy 0,
retain 7>
|| |   | ||  {
|| |   | ||    "IOUserClass" = "IO80211APIUserClient"
|| |   | ||    "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |   | ||    "IOClass" = "IOUserUserClient"
|| |   | ||    "IOUserClientCreator" = "pid 396, airportd"
|| |   | ||    "IOUserClientDefaultLocking" = Yes
|| |   | ||    "IOUserServerName" = "com.apple.bcmwlan"
|| |   | ||    "IOUserClasses" = ("IO80211APIUserClient","IOUserClient","IOService","OSObject")
|| |   | ||  }
|| |   | ||
|| |   | +-o CCPipe  <class CCIOService, id 0x100000c5b, registered, matched, active, busy 0 (19 ms), retain 10>
|| |   | |||{
|| |   | |||    "IOClass" = "CCLogPipe"
|| |   | |||    "LogType" = 0x0
|| |   | |||    "IOUserClass" = "CCIOService"
|| |   | |||    "IOUserServerName" = "com.apple.bcmwlan"
|| |   | |||    "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |   | |||    "CompressionDisabled" = 0x0
|| |   | |||    "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |   | |||    "Owner" = "com.apple.iokit.IO80211Family"
|| |   | |||    "IOReportLegendPublic" = Yes
|| |   | |||    "LogDataType" = 0x1
|| |   | |||    "Name" = "Interface_SoftAP_0"
|| |   | |||    "NumberOfFiles" = 0x2
|| |   | |||    "FileSize" = 0x200000
|| |   | |||    "LogPolicy" = 0x0
|| |   | |||    "NotifyThreshold" = 0x3e8
|| |   | |||    "MinLogSizeToNotify" = 0x10000
|| |   | |||    "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |   | |||    "CCIOServiceObjType" = 0x138a
|| |   | |||    "LogIdentifier" = "InterfaceLogs"
|| |   | |||    "PipeType" = 0x0
|| |   | |||    "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |   | |||    "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |   | |||    "PipeSize" = 0x20000
|| |   | |||    "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001,"   Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001,"              Capture
Requests")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Pipe
```

```
Interface_SoftAP_0"})
    || |    | ||| "FileOptions" = 0x0
    || |    | ||| "DirectoryName" = "WiFi"
    || |    | ||| "Filename" = "Interface_SoftAP_0"
    || |    | |||}
    || |    | |||
    || |    | || +-o CCLogStream  <class CCIOService, id 0x100000c5c, registered, matched, active, busy 0 (0 ms), retain
8>
    || |    | ||  {
    || |    | ||    "IOClass" = "CCLogStream"
    || |    | ||    "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
    || |    | ||    "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
    || |    | ||    "CoreCaptureLevel" = 0xffffffffffffffff
    || |    | ||    "Name" = "Interface_SoftAP_0"
    || |    | ||    "Id" = 0x1
    || |    | ||    "LogIdentifier" = "InterfaceLogs"
    || |    | ||    "ConsoleFlag" = 0x0
    || |    | ||    "ConsoleLevel" = 0xffffffffffffffff
    || |    | ||    "MiscInfo" = 0x0
    || |    | ||    "IOUserServerName" = "com.apple.bcmwlan"
    || |    | ||    "CoreCaptureFlag" = 0x0
    || |    | ||    "CCIOServiceObjType" = 0x138b
    || |    | ||    "IOUserClasses" = ("CCIOService","IOService","OSObject")
    || |    | ||    "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
    || |    | ||    "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
    || |    | ||    "IOUserClass" = "CCIOService"
    || |    | ||  }
    || |    | ||
    || |    | |+-o AppleBCMWLANProximityInterface  <class IOUserNetworkWLAN, id 0x100000c7e, registered, matched,
active, busy 0 (1 ms), retain 17>
    || |    | |||{
    || |    | ||| "IOClass" = "IOUserNetworkWLAN"
    || |    | ||| "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
    || |    | ||| "IOProviderClass" = "IOUserService"
    || |    | ||| "IOServiceDEXTEntitlements" = "com.apple.developer.driverkit.family.networking"
    || |    | ||| "IO80211APIUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="IO80211APIUserClient"}
    || |    | ||| "IOMACAddress" = <1a72acccf79b>
    || |    | ||| "IOInterfaceType" = 0x6
    || |    | ||| "IO80211VirtualInterfaceRole" = "AirLink"
    || |    | ||| "IOUserServerName" = "com.apple.bcmwlan"
    || |    | ||| "IOUserClasses" =
("AppleBCMWLANProximityInterface","IO80211AWDLProtocol","IO80211VirtualInterface","IO80211SkywalkInterface","IOUs
erNetworkWLAN","IOUserNetworkEthernet","IOService","OSObject")
    || |    | ||| "IOInterfaceName" = "awdl0"
    || |    | ||| "CFBundleIdentifierKernel" = "com.apple.iokit.IOSkywalkFamily"
    || |    | ||| "IOInterfaceUnit" = 0x0
    || |    | ||| "IOInterfaceNamePrefix" = "awdl"
    || |    | ||| "IOPMResetPowerStateOnWake" = Yes
    || |    | ||| "IOUserClass" = "AppleBCMWLANProximityInterface"
    || |    | |||}
    || |    | |||
    || |    | || +-o IOSkywalkNetworkBSDClient  <class IOSkywalkNetworkBSDClient, id 0x100000c8a, registered,
matched, active, busy 0 (0 ms), retain 7>
    || |    | ||| {
    || |    | ||| "IOClass" = "IOSkywalkNetworkBSDClient"
    || |    | ||| "CFBundleIdentifier" = "com.apple.iokit.IOSkywalkFamily"
    || |    | ||| "IOProviderClass" = "IOSkywalkNetworkInterface"
    || |    | ||| "IOSkywalkNexusUUID" = "9F1A609A-5AC6-4243-B28B-79C3E0D2657E"
    || |    | ||| "IOProbeScore" = 0x3e8
    || |    | ||| "IOResourceMatch" = "IOBSD"
    || |    | ||| "IOMatchedAtBoot" = Yes
    || |    | ||| "IOMatchCategory" = "IODefaultMatchCategory"
    || |    | ||| "IOReportLegend" = ({"IOReportGroupName"="User TX Completion
Queue","IOReportChannels"=((0x534b744300000400,0x180000001,"Enabled"),
(0x534b744300000401,0x180000001,"Capacity"),(0x534b744300000402,0x180000001,"Buffer Size"),
(0x534b744300000403,0x180000001,"Queue State"),(0x534b744300000404,0x180000001,"Packet
Count")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="I/F awdl0, QSet ID
0xfd0a0000, Queue ID 4"},{"IOReportGroupName"="User TX Submission Queue","IOReportChannels"=((0x534b745300$
    || |    | ||| "IOReportLegendPublic" = Yes
    || |    | ||| "IOPersonalityPublisher" = "com.apple.iokit.IOSkywalkFamily"
    || |    | ||| "CFBundleIdentifierKernel" = "com.apple.iokit.IOSkywalkFamily"
    || |    | ||| }
    || |    | |||
    || |    | || +-o IO80211APIUserClient  <class IOUserUserClient, id 0x100000c8d, !registered, !matched, active, busy
0, retain 8>
    || |    | ||| {
    || |    | ||| "IOUserClass" = "IO80211APIUserClient"
    || |    | ||| "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
    || |    | ||| "IOClass" = "IOUserUserClient"
    || |    | ||| "IOUserClientCreator" = "pid 575, wifip2pd"
    || |    | ||| "IOUserClientDefaultLocking" = Yes
    || |    | ||| "IOUserServerName" = "com.apple.bcmwlan"
    || |    | ||| "IOUserClasses" = ("IO80211APIUserClient","IOUserClient","IOService","OSObject")
    || |    | ||| }
    || |    | |||
    || |    | || +-o IO80211APIUserClient  <class IOUserUserClient, id 0x100000c90, !registered, !matched, active, busy
0, retain 7>
```

```
|| |    | ||    {
|| |    | ||      "IOUserClass" = "IO80211APIUserClient"
|| |    | ||      "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    | ||      "IOClass" = "IOUserUserClient"
|| |    | ||      "IOUserClientCreator" = "pid 396, airportd"
|| |    | ||      "IOUserClientDefaultLocking" = Yes
|| |    | ||      "IOUserServerName" = "com.apple.bcmwlan"
|| |    | ||      "IOUserClasses" = ("IO80211APIUserClient","IOUserClient","IOService","OSObject")
|| |    | ||    }
|| |    | ||
|| |    | |+-o CCPipe  <class CCIOService, id 0x100000c7f, registered, matched, active, busy 0 (20 ms), retain 10>
|| |    | |||{
|| |    | |||   "IOClass" = "CCLogPipe"
|| |    | |||   "LogType" = 0x0
|| |    | |||   "IOUserClass" = "CCIOService"
|| |    | |||   "IOUserServerName" = "com.apple.bcmwlan"
|| |    | |||   "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |    | |||   "CompressionDisabled" = 0x0
|| |    | |||   "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |    | |||   "Owner" = "com.apple.iokit.IO80211Family"
|| |    | |||   "IOReportLegendPublic" = Yes
|| |    | |||   "LogDataType" = 0x1
|| |    | |||   "Name" = "Interface_AirLink_0"
|| |    | |||   "NumberOfFiles" = 0x2
|| |    | |||   "FileSize" = 0x200000
|| |    | |||   "LogPolicy" = 0x0
|| |    | |||   "NotifyThreshold" = 0x3e8
|| |    | |||   "MinLogSizeToNotify" = 0x10000
|| |    | |||   "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |    | |||   "CCIOServiceObjType" = 0x138a
|| |    | |||   "LogIdentifier" = "InterfaceLogs"
|| |    | |||   "PipeType" = 0x0
|| |    | |||   "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |    | |||   "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    | |||   "PipeSize" = 0x20000
|| |    | |||   "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001,"  Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001,"            Capture
Requests")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Pipe
Interface_AirLink_0"})
|| |    | |||   "FileOptions" = 0x0
|| |    | |||   "DirectoryName" = "WiFi"
|| |    | |||   "Filename" = "Interface_AirLink_0"
|| |    | |||}
|| |    | |||
|| |    | ||+-o CCLogStream  <class CCIOService, id 0x100000c80, registered, matched, active, busy 0 (1 ms), retain
8>
|| |    | ||    {
|| |    | ||      "IOClass" = "CCLogStream"
|| |    | ||      "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |    | ||      "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    | ||      "CoreCaptureLevel" = 0xffffffffffffffff
|| |    | ||      "Name" = "Interface_AirLink_0"
|| |    | ||      "Id" = 0x1
|| |    | ||      "LogIdentifier" = "InterfaceLogs"
|| |    | ||      "ConsoleFlag" = 0x0
|| |    | ||      "ConsoleLevel" = 0xffffffffffffffff
|| |    | ||      "MiscInfo" = 0x0
|| |    | ||      "IOUserServerName" = "com.apple.bcmwlan"
|| |    | ||      "CoreCaptureFlag" = 0x0
|| |    | ||      "CCIOServiceObjType" = 0x138b
|| |    | ||      "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |    | ||      "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |    | ||      "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |    | ||      "IOUserClass" = "CCIOService"
|| |    | ||    }
|| |    | ||
|| |    | |+-o CCPipe  <class CCIOService, id 0x100000c87, registered, matched, active, busy 0 (20 ms), retain 10>
|| |    | |||{
|| |    | |||   "IOClass" = "CCLogPipe"
|| |    | |||   "LogType" = 0x0
|| |    | |||   "IOUserClass" = "CCIOService"
|| |    | |||   "IOUserServerName" = "com.apple.bcmwlan"
|| |    | |||   "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |    | |||   "CompressionDisabled" = 0x0
|| |    | |||   "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |    | |||   "Owner" = "com.apple.iokit.IO80211Family"
|| |    | |||   "IOReportLegendPublic" = Yes
|| |    | |||   "LogDataType" = 0x0
|| |    | |||   "Name" = "IO80211P2PPeerManager"
|| |    | |||   "NumberOfFiles" = 0x2
|| |    | |||   "FileSize" = 0xa00000
|| |    | |||   "LogPolicy" = 0x0
|| |    | |||   "NotifyThreshold" = 0x3e8
```

```
|| |   | |||   "MinLogSizeToNotify" = 0x6666
|| |   | |||   "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |   | |||   "CCIOServiceObjType" = 0x138a
|| |   | |||   "LogIdentifier" = ""
|| |   | |||   "PipeType" = 0x0
|| |   | |||   "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |   | |||   "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |   | |||   "PipeSize" = 0x10000
|| |   | |||   "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001,"   Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001,"                  Capture
Requests")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Pipe
IO80211P2PPeerManager"})
|| |   | |||   "FileOptions" = 0x0
|| |   | |||   "DirectoryName" = "WiFi"
|| |   | |||   "Filename" = "io80211Family"
|| |   | |||}
|| |   | |||
|| |   | ||+-o CCLogStream  <class CCIOService, id 0x100000c88, registered, matched, active, busy 0 (0 ms), retain
8>
|| |   | ||   {
|| |   | ||     "IOClass" = "CCLogStream"
|| |   | ||     "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |   | ||     "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |   | ||     "StreamHeader" = <0500000000007373>
|| |   | ||     "Name" = "bpfIO80211AWDL"
|| |   | ||     "Id" = 0x1
|| |   | ||     "LogIdentifier" = "IO80211P2P"
|| |   | ||     "CoreCaptureLevel" = 0xffffffffffffffff
|| |   | ||     "ConsoleLevel" = 0xffffffffffffffff
|| |   | ||     "MiscInfo" = 0x96
|| |   | ||     "IOUserServerName" = "com.apple.bcmwlan"
|| |   | ||     "ConsoleFlag" = 0x0
|| |   | ||     "CoreCaptureFlag" = 0x0
|| |   | ||     "CCIOServiceObjType" = 0x138b
|| |   | ||     "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |   | ||     "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |   | ||     "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |   | ||     "IOUserClass" = "CCIOService"
|| |   | ||   }
|| |   | ||
|| |   | |+-o AppleBCMWLANLowLatencyInterface  <class IOUserNetworkWLAN, id 0x100000c94, registered,
matched, active, busy 0 (12 ms), retain 11>
|| |   | |||{
|| |   | |||   "IOClass" = "IOUserNetworkWLAN"
|| |   | |||   "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |   | |||   "IOProviderClass" = "IOUserService"
|| |   | |||   "IO80211InterfaceRole" = "LowLatency"
|| |   | |||   "IOServiceDEXTEntitlements" = "com.apple.developer.driverkit.family.networking"
|| |   | |||   "mDNS_Keepalive" = Yes
|| |   | |||   "IOMACAddress" = <1a72acccf79b>
|| |   | |||   "IOInterfaceType" = 0x6
|| |   | |||   "built-in" = <00>
|| |   | |||   "IOUserServerName" = "com.apple.bcmwlan"
|| |   | |||   "mDNS_KEY" = "2009-07-30"
|| |   | |||   "IOUserClasses" =
("AppleBCMWLANLowLatencyInterface","AppleBCMWLANSkywalkInterface","AppleBCMWLANInfraProtocol","IO80211Infra
Protocol","IO80211InfraInterface","IO80211SkywalkInterface","IOUserNetworkWLAN","IOUserNetworkEthernet","IOService",
"OSObject")
|| |   | |||   "IOInterfaceName" = "llw0"
|| |   | |||   "CFBundleIdentifierKernel" = "com.apple.iokit.IOSkywalkFamily"
|| |   | |||   "IOInterfaceUnit" = 0x0
|| |   | |||   "IOInterfaceNamePrefix" = "llw"
|| |   | |||   "IOPMResetPowerStateOnWake" = Yes
|| |   | |||   "IOUserClass" = "AppleBCMWLANLowLatencyInterface"
|| |   | |||}
|| |   | |||
|| |   | ||+-o IOSkywalkNetworkBSDClient  <class IOSkywalkNetworkBSDClient, id 0x100000c97, registered,
matched, active, busy 0 (0 ms), retain 7>
|| |   | ||   {
|| |   | ||     "IOClass" = "IOSkywalkNetworkBSDClient"
|| |   | ||     "CFBundleIdentifier" = "com.apple.iokit.IOSkywalkFamily"
|| |   | ||     "IOProviderClass" = "IOSkywalkNetworkInterface"
|| |   | ||     "IOSkywalkNexusUUID" = "8AE65E1C-BF1F-4BB5-A70C-3D41D306634C"
|| |   | ||     "IOProbeScore" = 0x3e8
|| |   | ||     "IOResourceMatch" = "IOBSD"
|| |   | ||     "IOMatchedAtBoot" = Yes
|| |   | ||     "IOMatchCategory" = "IODefaultMatchCategory"
|| |   | ||     "IOReportLegend" = ({"IOReportGroupName"="User TX Completion
Queue","IOReportChannels"=((0x534b744300000100,0x180000001,"Enabled"),
(0x534b744300000101,0x180000001,"Capacity"),(0x534b744300000102,0x180000001,"Buffer Size"),
(0x534b744300000103,0x180000001,"Queue State"),(0x534b744300000104,0x180000001,"Packet
Count")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="I/F llw0, QSet ID 0x0, Queue
ID 1"},{"IOReportGroupName"="User TX Submission Queue","IOReportChannels"=((0x534b745300000000,0$
|| |   | ||     "IOReportLegendPublic" = Yes
|| |   | ||     "IOPersonalityPublisher" = "com.apple.iokit.IOSkywalkFamily"
```

```
|| |    | ||       "CFBundleIdentifierKernel" = "com.apple.iokit.IOSkywalkFamily"
|| |    | ||     }
|| |    | ||
|| |    | |+-o CCPipe  <class CCIOService, id 0x100000c95, registered, matched, active, busy 0 (20 ms), retain 10>
|| |    | | |{
|| |    | | |   "IOClass" = "CCLogPipe"
|| |    | | |   "LogType" = 0x0
|| |    | | |   "IOUserClass" = "CCIOService"
|| |    | | |   "IOUserServerName" = "com.apple.bcmwlan"
|| |    | | |   "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |    | | |   "CompressionDisabled" = 0x0
|| |    | | |   "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |    | | |   "Owner" = "com.apple.iokit.IO80211Family"
|| |    | | |   "IOReportLegendPublic" = Yes
|| |    | | |   "LogDataType" = 0x1
|| |    | | |   "Name" = "Interface_LowLatency_0"
|| |    | | |   "NumberOfFiles" = 0x2
|| |    | | |   "FileSize" = 0x200000
|| |    | | |   "LogPolicy" = 0x0
|| |    | | |   "NotifyThreshold" = 0x3e8
|| |    | | |   "MinLogSizeToNotify" = 0x10000
|| |    | | |   "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |    | | |   "CCIOServiceObjType" = 0x138a
|| |    | | |   "LogIdentifier" = "InterfaceLogs"
|| |    | | |   "PipeType" = 0x0
|| |    | | |   "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |    | | |   "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    | | |   "PipeSize" = 0x20000
|| |    | | |   "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001,"   Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001,"          Capture
Requests")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Pipe
Interface_LowLatency_0"})
|| |    | | |   "FileOptions" = 0x0
|| |    | | |   "DirectoryName" = "WiFi"
|| |    | | |   "Filename" = "Interface_LowLatency_0"
|| |    | | |}
|| |    | | |
|| |    | | +-o CCLogStream  <class CCIOService, id 0x100000c96, registered, matched, active, busy 0 (0 ms), retain
8>
|| |    | |     {
|| |    | |       "IOClass" = "CCLogStream"
|| |    | |       "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |    | |       "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    | |       "CoreCaptureLevel" = 0xffffffffffffffff
|| |    | |       "Name" = "Interface_LowLatency_0"
|| |    | |       "Id" = 0x1
|| |    | |       "LogIdentifier" = "InterfaceLogs"
|| |    | |       "ConsoleFlag" = 0x0
|| |    | |       "ConsoleLevel" = 0xffffffffffffffff
|| |    | |       "MiscInfo" = 0x0
|| |    | |       "IOUserServerName" = "com.apple.bcmwlan"
|| |    | |       "CoreCaptureFlag" = 0x0
|| |    | |       "CCIOServiceObjType" = 0x138b
|| |    | |       "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |    | |       "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |    | |       "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |    | |       "IOUserClass" = "CCIOService"
|| |    | |     }
|| |    | |
|| |    | +-o CCPipe  <class CCIOService, id 0x100000c37, registered, matched, active, busy 0 (17 ms), retain 10>
|| |    | | |{
|| |    | | |   "IOClass" = "CCLogPipe"
|| |    | | |   "LogType" = 0x0
|| |    | | |   "IOUserClass" = "CCIOService"
|| |    | | |   "IOUserServerName" = "com.apple.bcmwlan"
|| |    | | |   "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |    | | |   "CompressionDisabled" = 0x0
|| |    | | |   "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |    | | |   "Owner" = "com.apple.driver.AppleBCMWLANCoreV3.0"
|| |    | | |   "IOReportLegendPublic" = Yes
|| |    | | |   "LogDataType" = 0x0
|| |    | | |   "Name" = "FirmwareEcounterLogs"
|| |    | | |   "NumberOfFiles" = 0x2
|| |    | | |   "FileSize" = 0x200000
|| |    | | |   "LogPolicy" = 0x0
|| |    | | |   "NotifyThreshold" = 0x3e8
|| |    | | |   "MinLogSizeToNotify" = 0x3333
|| |    | | |   "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |    | | |   "CCIOServiceObjType" = 0x138a
|| |    | | |   "LogIdentifier" = "brcm0"
|| |    | | |   "PipeType" = 0x0
|| |    | | |   "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
```

```
|| |    |    |    "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    |    |    "PipeSize" = 0x8000
|| |    |    |    "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001,"   Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001,"                 Capture
Requests")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Pipe
FirmwareEcounterLogs"})
|| |    |    |    "FileOptions" = 0x0
|| |    |    |    "DirectoryName" = "WiFi"
|| |    |    |    "Filename" = "FirmwareEcounterLogs"
|| |    |    |}
|| |    |    |
|| |    |    +-o CCLogStream  <class CCIOService, id 0x100000c38, registered, matched, active, busy 0 (0 ms), retain
8>
|| |    |      {
|| |    |        "IOClass" = "CCLogStream"
|| |    |        "CoreCaptureLogPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCLogPipeUserClient"}
|| |    |        "CFBundleIdentifier" = "com.apple.DriverKit-AppleBCMWLAN"
|| |    |        "StreamHeader" = <0d0000000000a5a5>
|| |    |        "Name" = "FirmwareEcounterLogs"
|| |    |        "Id" = 0x1
|| |    |        "LogIdentifier" = ""
|| |    |        "CoreCaptureLevel" = 0x7f
|| |    |        "ConsoleLevel" = 0xffffffffffffffff
|| |    |        "MiscInfo" = 0x96
|| |    |        "IOUserServerName" = "com.apple.bcmwlan"
|| |    |        "ConsoleFlag" = 0x0
|| |    |        "CoreCaptureFlag" = 0x80000000000
|| |    |        "CCIOServiceObjType" = 0x138b
|| |    |        "IOUserClasses" = ("CCIOService","IOService","OSObject")
|| |    |        "CoreCaptureDataPipeUserClientProperties" =
{"IOClass"="IOUserUserClient","IOUserClass"="CCDataPipeUserClient"}
|| |    |        "CoreCaptureCaptureProperties" = {"IOClass"="CCCapture","IOUserClass"="CCCapture"}
|| |    |        "IOUserClass" = "CCIOService"
|| |    |      }
|| |    |
|| |    +-o bluetooth-pcie@0,1  <class IOPCIDevice, id 0x10000085d, registered, matched, active, busy 0 (2 ms),
retain 15>
|| |        |{
|| |        |  "IOPCIDeviceMapperPageSize" = 0x4000
|| |        |  "assigned-addresses" =
<100101820c1c0000000000080000000000000018010182000080c0000000000000400000000000000000>
|| |        |  "vendor-id" = <e4140000>
|| |        |  "class-code" = <00800200>
|| |        |  "subsystem-vendor-id" = <6b100000>
|| |        |  "IOPCIExpressLinkCapabilities" = 0x46d812
|| |        |  "IOPCIDeviceMemoryMapBase" = 0x1cf3
|| |        |  "IOName" = "pci14e4,5f69"
|| |        |  "#size-cells" = <00000000>
|| |        |  "IOPCIPMCSState" = 0x4008
|| |        |  "iommu-parent" = <48000000>
|| |        |  "pcidebug" = "1:0:1"
|| |        |  "IOChildIndex" = 0x2
|| |        |  "IOPCIExpressLinkStatus" = 0x3012
|| |        |  "IOPCIDeviceMemoryMapSize" = 0x2e2cc
|| |        |  "pci-aspm-default" = 0x2
|| |        |  "IOPCIExpressCapabilities" = 0x2
|| |        |  "IOServiceDEXTEntitlements" = (("com.apple.developer.driverkit.transport.pci"))
|| |        |  "IOInterruptControllers" = ("ApplePCIEMSIController-apcie")
|| |        |  "pci-max-latency" = <08100810>
|| |        |  "built-in" = <00000000>
|| |        |  "IOPCIResourced" = Yes
|| |        |  "IOPowerManagement" =
{"CapabilityFlags"=0x102,"ChildProxyPowerState"=0x2,"MaxPowerState"=0x3,"DevicePowerState"=0x0,"ChildrenPowerSta
te"=0x2,"DriverPowerState"=0x0,"CurrentPowerState"=0x2}
|| |        |  "IODeviceMemory" = (({"address"=0x6c0c10000,"length"=0x8000}),
({"address"=0x6c0800000,"length"=0x400000}))
|| |        |  "AAPL,phandle" = <45000000>
|| |        |  "name" = <626c7565746f6f74682d7063696500>
|| |        |  "subsystem-id" = <78430000>
|| |        |  "device_type" = <706369652d64657669636500>
|| |        |  "compatible" = <776c616e2d706369652c62636d3433373800776c616e2d706369652c62636d00>
|| |        |  "IOPMResetPowerStateOnWake" = Yes
|| |        |  "IOReportLegendPublic" = Yes
|| |        |  "IOPCIDeviceDeviceTreeEntry" = "IOService is not serializable"
|| |        |  "reg" =
<000101000000000000000000000000000000000100101020000000000000000008000000000000180101020000000
000000000000000400000000000000>
|| |        |  "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"             First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)"))$
|| |        |  "device-id" = <695f0000>
|| |        |  "#address-cells" = <01000000>
|| |        |  "revision-id" = <03000000>
|| |        |  "IOInterruptSpecifiers" = (<c002000000000100>)
```

```
|| |    |  "IOPCIMSIMode" = Yes
|| |    | }
|| |    |
|| |    +-o AppleConvergedPCI  <class AppleConvergedPCI, id 0x100000862, registered, matched, active, busy 0 (0
ms), retain 8>
|| |        {
|| |          "IOClass" = "AppleConvergedPCI"
|| |          "CFBundleIdentifier" = "com.apple.driver.AppleConvergedPCI"
|| |          "IOProviderClass" = "IOPCIDevice"
|| |          "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8002,"MaxPowerState"=0x1,"DriverPowerState"=
0x0}
|| |          "IOPCITunnelCompatible" = Yes
|| |          "IOProbeScore" = 0x3e8
|| |          "IOPCIMatch" = "0x5fa014e4 0x5f6914e4 0x5f3114e4 0x5f7114e4 0x5f7214e4 0x5f8314e4"
|| |          "port_auto_on" = {"ios"=No,"macos"=Yes}
|| |          "IOMatchCategory" = "AppleConvergedPCI"
|| |          "IOMatchedAtBoot" = Yes
|| |          "IOGeneralInterest" = "IOCommand is not serializable"
|| |          "IOPersonalityPublisher" = "com.apple.driver.AppleConvergedPCI"
|| |          "CFBundleIdentifierKernel" = "com.apple.driver.AppleConvergedPCI"
|| |          "IOPMResetPowerStateOnWake" = Yes
|| |          "IOPCIUseDeviceMapper" = Yes
|| |        }
|| |
|| +-o dart-apcie0@81008000  <class AppleARMIODevice, id 0x100000287, registered, matched, active, busy 0 (233
ms), retain 10>
|| ||{
|| ||  "dart-id" = <00000000>
|| ||  "IOInterruptSpecifiers" = (<b8020000>)
|| ||  "protection-granularity" = <80000000>
|| ||  "AAPL,phandle" = <46000000>
|| ||  "IODeviceMemory" = (({"address"=0x681008000,"length"=0x4000}))
|| ||  "instance" = <545241444441525400000000>
|| ||  "IOReportLegendPublic" = Yes
|| ||  "tlb-invalid-refetch" = <>
|| ||  "dart-options" = <17000000>
|| ||  "IOInterruptControllers" = ("IOInterruptController00000067")
|| ||  "name" = <646172742d61706369653000>
|| ||  "interrupt-parent" = <67000000>
|| ||  "vm-offset" = <0000000000000008>
|| ||  "compatible" = <646172742c743830323000>
|| ||  "page-size" = <00400000>
|| ||  "interrupts" = <b8020000>
|| ||  "diag-config" = <00210080>
|| ||  "manual-availability" = <01000000>
|| ||  "vm-base" = <00001000>
|| ||  "dart-tunables-instance-0" =
<60000000040000000061008000000000610080000000006800000040000000f0f0f00000000000f0f0f00000000
006c00000004000000ffffff00000000000808080000000000000>
|| ||  "error-reflector" = <00c0ff3c02000000>
|| ||  "device_type" = <6461727400>
|| ||  "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"       First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"       Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"  Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| ||  "reg" = <0080008106000000004000000000000000>
|| ||  "vm-size" = <0000e0bf>
|| ||}
|| ||
|| |+-o AppleT8020DART  <class AppleT8020DART, id 0x100000315, registered, matched, active, busy 0 (49 ms),
retain 138>
|| |  |{
|| |  |  "IOClass" = "AppleT8020DART"
|| |  |  "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| |  |  "IOProviderClass" = "AppleARMIODevice"
|| |  |  "IOPlatformActiveAction" = 0x13880
|| |  |  "noncompliant-dead-mappings" = No
|| |  |  "IOPlatformSleepAction" = 0x13880
|| |  |  "IOProbeScore" = 0x0
|| |  |  "IONameMatch" = "dart,t8020"
|| |  |  "IOMatchedAtBoot" = Yes
|| |  |  "IOMatchCategory" = "IODefaultMatchCategory"
|| |  |  "IOUserClientClass" = "IODARTClient"
|| |  |  "IOFunctionParent00000046" = <>
|| |  |  "IONameMatched" = "dart,t8020"
|| |  |  "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| |  |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| |  |  "iommu-dart-identity" = <46000000>
|| |  |}
|| |  |
|| |  +-o mapper-apcie0-wlan  <class IODARTMapperNub, id 0x1000003aa, registered, matched, active, busy 0 (17
ms), retain 8>
|| |  ||{
|| |  ||  "device_type" = <646172742d6d617070657200>
|| |  ||  "reg" = <01000000>
|| |  ||  "name" = <6d61707065722d6170636965302d776c616e00>
|| |  ||  "AAPL,phandle" = <47000000>
```

```
|| | || "compatible" = <696f6d6d752d6d617070657200>
|| | ||}
|| | ||
|| | +-o IODARTMapper  <class IODARTMapper, id 0x1000003d9, registered, matched, active, busy 0 (9 ms), retain
412>
|| | |  {
|| | |    "IOClass" = "IODARTMapper"
|| | |    "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | |    "IOProviderClass" = "IODARTMapperNub"
|| | |    "iommu-dart-translation" = Yes
|| | |    "IOUserClientClass" = "IODARTMapperClient"
|| | |    "IOProbeScore" = 0x0
|| | |    "IONameMatch" = "iommu-mapper"
|| | |    "IOMatchedAtBoot" = Yes
|| | |    "IOMatchCategory" = "IODefaultMatchCategory"
|| | |    "IONameMatched" = "iommu-mapper"
|| | |    "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | |    "IOMapperID" = <47000000>
|| | |    "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | |  }
|| | |
|| | +-o mapper-apcie0-bt  <class IODARTMapperNub, id 0x1000003ab, registered, matched, active, busy 0 (49 ms),
retain 8>
|| | |{
|| | | "device_type" = <646172742d6d617070657200>
|| | | "reg" = <02000000>
|| | | "name" = <6d61707065722d6170636965302d627400>
|| | | "AAPL,phandle" = <48000000>
|| | | "compatible" = <696f6d6d752d6d617070657200>
|| | |}
|| | |
|| | +-o IODARTMapper  <class IODARTMapper, id 0x1000003ca, registered, matched, active, busy 0 (3 ms), retain
90>
|| |    {
|| |      "IOClass" = "IODARTMapper"
|| |      "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| |      "IOProviderClass" = "IODARTMapperNub"
|| |      "iommu-dart-translation" = Yes
|| |      "IOUserClientClass" = "IODARTMapperClient"
|| |      "IOProbeScore" = 0x0
|| |      "IONameMatch" = "iommu-mapper"
|| |      "IOMatchedAtBoot" = Yes
|| |      "IOMatchCategory" = "IODefaultMatchCategory"
|| |      "IONameMatched" = "iommu-mapper"
|| |      "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| |      "IOMapperID" = <48000000>
|| |      "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| |    }
|| |
|| +-o apciec0@B0000000  <class AppleARMIODevice, id 0x100000288, registered, matched, active, busy 0 (493 ms),
retain 10>
|| ||{
|| || "pci-aer-correctable" = <00000000>
|| || "bus-range" = <0000000080000000>
|| || "dev-range" = <00000000ff000000>
|| || "msi-parent-controller" = <67000000>
|| || "#size-cells" = <02000000>
|| || "interrupt-parent" = <67000000>
|| || "#msi-vectors" = <20000000>
|| || "msi-address" = <00f0ffff00000000>
|| || "interrupts" = <02030000>
|| || "link-state-power" = <0000000000000000000000000000000000>
|| || "apciec-piodma" = <4d000000>
|| || "atc-apcie-fabric-tunables" =
<0400000004000000f001f0000000000180018000000000080000000400000010000000000000000100000000000
0000c000000040000001000000000000000010000000004000000001f800000000000000400000000
000000180000000400000ff0300000000000080020000000000044000000040000001000000000000000100000
0000000009400000004000000f1f800000000000004000000000000009c000000040000001f80000000000000040
0000000000002000000040000001f80000000000000040000000000000028000000040000003f00000000000002
0000000000000002c000000040000001f8000$
|| || "msi-vector-offset" = <e2020000>
|| || "IODTPersist" = 0x0
|| || "clock-gates" = <5f0100005b010000>
|| || "IOInterruptControllers" = ("IOInterruptController00000067")
|| || "IOPCIConfigured" = Yes
|| || "acio-parent" = <4e000000>
|| || "pci-aer-uncorrectable" = <01000000>
|| || "atc-apcie-debug-tunables" = <00100000004000000010000000000000000000000000000000>
|| || "ranges" =
<0000004300000000400000000000000040000000000080000000000000002000080000000000000080040
00000000000400000000000000042000000c000000000000000c0040000000000004000000000>
|| || "AAPL,phandle" = <49000000>
|| || "atc-apcie-rc-tunables" =
<180700000400000000c007000000000000000000000000bc0800000400000010000000000000000000000000
000078000000040000000700000000000000000000000000000140800000400000ffffffff0000000060f00000000
0000>
|| || "power-gates" = <5f0100005b010000>
|| || "name" = <6170636965633000>
|| || "IODeviceMemory" = (({"address"=0x3b0000000,"length"=0x10000000}),
({"address"=0x3a0000000,"length"=0x4000}),({"address"=0x3a1000000,"length"=0x8000}),
```

({"address"=0x3a0004000,"length"=0x4000}),({"address"=0x3a0200000,"length"=0x4000}),
({"address"=0x3a1010000,"length"=0x4000}),({"address"=0x3a100c000,"length"=0x4000}))
  || || "apcie-config-tunables" = <40010000040000000100000000000000100000000000000>
  || || "device_type" = <7063692d6300>
  || || "compatible" = <6170636965632c743831303300>
  || || "port-type" = <02000000>
  || || "IOReportLegendPublic" = Yes
  || || "reg" =
<000000b0030000000000001000000000000000a0030000000400000000000000000a103000000080000000000000004000a0030000000400000000000000020a0030000000400000000000000001a103000000040000000000000000c000a103000000040000000000000>
  || || "port-number" = <01000000>
  || || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
  || || "#address-cells" = <03000000>
  || || "IOInterruptSpecifiers" = (<02030000>)
  || || "xhci-interrupt-rmbs" = <10270000>
  || ||}
  || ||
  || |+-o AppleT8103PCIeC <class AppleT8103PCIeC, id 0x100000316, registered, matched, active, busy 0 (22 ms),
retain 8>
  || | |{
  || | | "IOClass" = "AppleT8103PCIeC"
  || | | "CFBundleIdentifier" = "com.apple.driver.AppleT8103PCIeC"
  || | | "IOProviderClass" = "AppleARMIODevice"
  || | | "IOPlatformActiveAction" = 0x5dc
  || | | "IOUserClientClass" = "AppleTunneledPCIEUserClient"
  || | | "IOPlatformQuiesceAction" = 0xfa0
  || | | "IOProbeScore" = 0x0
  || | | "IONameMatch" = "apciec,t8103"
  || | | "IOMatchedAtBoot" = Yes
  || | | "IOMatchCategory" = "IODefaultMatchCategory"
  || | | "IOReportLegend" =
({"IOReportGroupName"="AppleEmbeddedPCIE","IOReportChannels"=((0x4c537450727430,0x400020002,"apciec0 Link
States")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x100007900000000},"IOReportSubGroupName"="Link
States"},{"IOReportChannels"=((0x4576303050727430,0x180000001,"Port 0 Enable Request   "),
(0x4576303150727430,0x180000001,"Port 0 Enable Complete   "),(0x4576303250727430,0x180000001,"Port 0
Disable Request   "),(0x4576303350727430,0x180000001,"Port 0 Disable $
  || | | "IOReportLegendPublic" = Yes
  || | | "IOFunctionParent00000049" = <>
  || | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x3}
  || | | "IONameMatched" = "apciec,t8103"
  || | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8103PCIeC"
  || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8103PCIeC"
  || | |}
  || | |
  || | +-o pcic0-bridge@0 <class IOPCIDevice, id 0x100000818, registered, matched, active, busy 0 (28 ms), retain 12>
  || | |{
  || | | "IOPCIExpressLinkCapabilities" = 0x733901
  || | | "vendor-id" = <6b100000>
  || | | "class-code" = <00040600>
  || | | "#msi-vectors" = <20000000>
  || | | "pci-ignore-linkstatus" = <>
  || | | "#size-cells" = <02000000>
  || | | "IOName" = "pci-bridge"
  || | | "function-dart_force_active" = <4b00000074636146>
  || | | "device-protection-granularity" = <d8120f4000010000>
  || | | "msi-for-bridges" = <>
  || | | "function-dart_self" = <4b000000666c6553>
  || | | "IOPCIHPType" = 0x31
  || | | "pcidebug" = "0:0:0(1:128)"
  || | | "Thunderbolt Path" = "IOService:/AppleARMPE/arm-io@10F00000/AppleT810xIO/acio0@81F00000/
AppleThunderboltHALType5/AppleThunderboltNHIType5/IOThunderboltControllerType5/IOThunderboltPort@7/
IOThunderboltSwitchType5/IOThunderboltPort@3"
  || | | "IOPCIExpressLinkStatus" = 0x1011
  || | | "IOPCIExpressCapabilities" = 0x42
  || | | "IODTPersist" = 0x0
  || | | "IOServiceDEXTEntitlements" =
(("com.apple.developer.driverkit.transport.pci","com.apple.developer.driverkit.transport.pci.bridge"))
  || | | "IOPCIConfigured" = Yes
  || | | "IOInterruptControllers" = ("APCIECMSIController-apciec0")
  || | | "Thunderbolt Entry ID" = 0x1000007e5
  || | | "IOPCIResourced" = Yes
  || | | "AAPL,slot-name" = <536c6f742d300000>
  || | | "function-dart_release_sid" = <4b0000006c655253>
  || | | "AAPL,phandle" = <4a000000>
  || | | "ranges" =
<0000008200000080000000000000008200000080000000000000004000000000000000c2000000c00000000000000c2000000c0000000000000f03f0000000000000081000000000000000000000081000000000000000000000000000000>
  || | | "name" = <70636963302d62726964676500>
  || | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"ChildProxyPowerState"=0x2,"MaxPowerState"=0x3}
  || | | "default-apcie-options" = <01001080>

|| | | "IOPCITunnelLinkChange" = <>
|| | | "compatible" = <70636965632d62726964676500>
|| | | "marvel-wa-viddids" =
<4b1b20914b1b23914b1b28914b1b30914b1b72914b1b7a914b1b82914b1ba0914b1b20924b1b3092281c22017b19922303
11450603114206340030084b1b35924b1b7191>
|| | | "PCI-Thunderbolt" = <>
|| | | "AppleEmbeddedPCIEPort" = "AppleT8103PCIeCPort is not serializable"
|| | | "IOReportLegendPublic" = Yes
|| | | "function-dart_request_sid" = <4b00000071655253>
|| | | "msi-vector-base" = <00000000>
|| | | "IOPCIDeviceDeviceTreeEntry" = "IOService is not serializable"
|| | | "reg" = <00000000000000000000000000000000000000000000>
|| | | "IOPCIOnline" = Yes
|| | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IO$
|| | | "device-id" = <10100000>
|| | | "#address-cells" = <03000000>
|| | | "revision-id" = <00000000>
|| | | "IOInterruptSpecifiers" = (<e202000000000100>)
|| | | "IOPCIMSIMode" = Yes
|| | |}
|| | |
|| | +-o IOPP <class ApplePCIECHostBridge, id 0x100000823, registered, matched, active, busy 0 (8 ms), retain 8>
|| | {
|| | "IOClass" = "ApplePCIECHostBridge"
|| | "CFBundleIdentifier" = "com.apple.driver.AppleT8103PCIeC"
|| | "IOProviderClass" = "IOPCIDevice"
|| | "IOPCIPowerOnProbe" = No
|| | "IOPowerManagement" =
{"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x3,"DriverPowerState"=0x0}
|| | "IOProbeScore" = 0x1388
|| | "IONameMatch" = "pciec-bridge"
|| | "IOMatchedAtBoot" = Yes
|| | "IOMatchCategory" = "IODefaultMatchCategory"
|| | "IONameMatched" = "pciec-bridge"
|| | "IOPersonalityPublisher" = "com.apple.driver.AppleT8103PCIeC"
|| | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8103PCIeC"
|| | }
|| |
|| +-o dart-apciec0@A1008000 <class AppleARMIODevice, id 0x100000289, registered, matched, active, busy 0 (193
ms), retain 9>
|| ||{
|| || "dart-id" = <01000000>
|| || "IOInterruptSpecifiers" = (<03030000>)
|| || "protection-granularity" = <80000000>
|| || "AAPL,phandle" = <4b000000>
|| || "IODeviceMemory" = (({"address"=0x3a1008000,"length"=0x4000}))
|| || "instance" = <54524144444441525400000000>
|| || "IOReportLegendPublic" = Yes
|| || "tlb-invalid-refetch" = <>
|| || "dart-options" = <17000000>
|| || "IOInterruptControllers" = ("IOInterruptController00000067")
|| || "name" = <646172742d6170636965633000>
|| || "interrupt-parent" = <67000000>
|| || "vm-reserve" = <000000080000000000c0ffff00000000>
|| || "compatible" = <646172742d74383030323000>
|| || "page-size" = <00400000>
|| || "interrupts" = <03030000>
|| || "diag-config" = <00210080>
|| || "manual-availability" = <01000000>
|| || "dead-mappings" = <00000000000000000040000000000000>
|| || "vm-base" = <00000000>
|| || "dart-tunables-instance-0" =
<6000000004000000061008000000000061008000000068000000040000000f0f0f00000000000f0f0f00000000
006c00000004000000ffffff00000000000080808000000000>
|| || "sid-count" = <40000000>
|| || "relaxed-rw-protections" = <>
|| || "error-reflector" = <00c0ff3c02000000>
|| || "device_type" = <6461727400>
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "reg" = <008000a103000000004000000000000000>
|| || "sids" = <0080000000000000>
|| ||}
|| ||
|| |+-o AppleT8020DART <class AppleT8020DART, id 0x100000318, registered, matched, active, busy 0 (9 ms), retain
11>
|| | |{
|| | | "IOClass" = "AppleT8020DART"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOFunctionParent0000004B" = <>

```
    || |  |   "IOPlatformActiveAction" = 0x13880
    || |  |   "noncompliant-dead-mappings" = No
    || |  |   "IOPlatformSleepAction" = 0x13880
    || |  |   "IOProbeScore" = 0x0
    || |  |   "IONameMatch" = "dart,t8020"
    || |  |   "IOMatchedAtBoot" = Yes
    || |  |   "IOMatchCategory" = "IODefaultMatchCategory"
    || |  |   "IOUserClientClass" = "IODARTClient"
    || |  |   "IONameMatched" = "dart,t8020"
    || |  |   "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
    || |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
    || |  |   "iommu-dart-identity" = <4b000000>
    || |  | }
    || |  |
    || |  +-o mapper-apciec0-piodma@F  <class IODARTMapperNub, id 0x1000003ae, registered, matched, active, busy 0
(9 ms), retain 8>
    || |  | {
    || |  |   "device_type" = <646172742d6d617070657200>
    || |  |   "reg" = <0f000000>
    || |  |   "name" = <6d61707065722d617063696563302d70696f646d6100>
    || |  |   "AAPL,phandle" = <4c000000>
    || |  |   "compatible" = <696f6d6d752d6d617070657200>
    || |  | }
    || |  |
    || |  +-o IODARTMapper  <class IODARTMapper, id 0x1000003b8, registered, matched, active, busy 0 (5 ms), retain
71>
    || |    {
    || |      "IOClass" = "IODARTMapper"
    || |      "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
    || |      "IOProviderClass" = "IODARTMapperNub"
    || |      "IOUserClientClass" = "IODARTMapperClient"
    || |      "IOProbeScore" = 0x0
    || |      "IONameMatch" = "iommu-mapper"
    || |      "IOMatchedAtBoot" = Yes
    || |      "IOMatchCategory" = "IODefaultMatchCategory"
    || |      "IONameMatched" = "iommu-mapper"
    || |      "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
    || |      "IOMapperID" = <4c000000>
    || |      "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
    || |    }
    || |
    || +-o apciec0-piodma@A2000000  <class AppleARMIODevice, id 0x10000028a, registered, matched, active, busy 0
(208 ms), retain 8>
    || || {
    || ||   "IOInterruptSpecifiers" = (<04030000>)
    || ||   "piodma-fifo-size" = <10000000>
    || ||   "AAPL,phandle" = <4d000000>
    || ||   "IODeviceMemory" = (({"address"=0x3a2000000,"length"=0x4000}),
({"address"=0x3a2004000,"length"=0x4000}),({"address"=0x3a2008000,"length"=0x4000}),
({"address"=0x3a0008000,"length"=0x4000}))
    || ||   "piodma-max-segment-size" = <00000000>
    || ||   "IOReportLegendPublic" = Yes
    || ||   "piodma-max-transfer-size" = <80000000>
    || ||   "iommu-parent" = <4c000000>
    || ||   "atc-apcie-apiodma-tunables" =
<00000000040000000200000000000000000000000000000001000000004000000ffffff0700000000f3ff00000000000
0140000000400000ffffff0700000000f3ff000000000001800000000400000ffffff0700000000f3ff0000000000001c0
0000004000000ffff010000000000f0ff000000000002000000000400000ffff010000000000f0ff000000000000>
    || ||   "IOInterruptControllers" = ("IOInterruptController00000067")
    || ||   "name" = <617063696563302d70696f646d6100>
    || ||   "interrupt-parent" = <67000000>
    || ||   "piodma-byte-alignment" = <04000000>
    || ||   "compatible" = <70636965632d6170696f646d612c743831303300>
    || ||   "interrupts" = <04030000>
    || ||   "atc-apcie-oe-fabric-tunables" =
<04000000040000000700070000000000000400040000000000080000000400000001000000000000000100000000
000000c000000040000000100000000000000100000000000000100000000400000018000000000000000400000000
0000000180000000400000007f007f000000000045004500000000001c0000004000000018000000000000000400000
0000000000240000000400000018000000000000000400000000000002c000000040000000100000000000000010
000000000000030000000040000000100000000000000100000000000034000000040000001f800000000000000
040000000000000000>
    || ||   "piodma-num-address-bits" = <20000000>
    || ||   "device_type" = <617063696563302d70696f646d6100>
    || ||   "piodma-id" = <00000000>
    || ||   "reg" =
<000000a203000000004000000000000000004000a20300000000400000000000000008000a20300000000400000000
00000008000a00300000000400000000000000>
    || ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"         First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"         Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
    || || }
    || ||
    || | +-o ApplePCIeCPIODMA@0  <class ApplePCIeCPIODMA, id 0x100000319, registered, matched, active, busy 0 (14
ms), retain 6>
    || |   {
    || |     "IOProbeScore" = 0x0
    || |     "CFBundleIdentifier" = "com.apple.driver.AppleT8103PCIeCPIODMA"
```

```
|| |    "IOProviderClass" = "AppleARMIODevice"
|| |    "IOClass" = "ApplePCIeCPIODMA"
|| |    "IOPersonalityPublisher" = "com.apple.driver.AppleT8103PCIeCPIODMA"
|| |    "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8103PCIeCPIODMA"
|| |    "IOMatchedAtBoot" = Yes
|| |    "IONameMatch" = "pciec-apiodma,t8103"
|| |    "IOMatchCategory" = "IODefaultMatchCategory"
|| |    "IONameMatched" = "pciec-apiodma,t8103"
|| |    "piodma-id" = <00000000>
|| |  }
|| |
|| +-o acio0@81F00000  <class AppleARMIODevice, id 0x10000028b, registered, matched, active, busy 0 (490 ms),
retain 9>
|| || {
|| ||    "hi_up_tx_desc_fabric_tunables" =
<0400000004000000f00000000000000008000000000000000800000004000001f80000000000000040000000000
00001000000040000000f0000000000000008000000000000001400000004000001f8000000000000004000000000
00000001c000000040000000f000000000000000800000000000000020000000400000001f8000000000000004000
0000000028000000040000000f0000000000000008000000000000002c00000040000001f800000000000000040
0000000000003400000040000000f0000000000000008000000000000003800000040000001f80000000000000000
04000000000000000040000000040000000f$
|| ||    "hi_dn_merge_fabric_tunables" =
<0400000004000007000000000000000400000000000000080000004000000078000000000000001000000000
0000010000000400000007000000000000000400000000000000140000000400000078000000000000001000000
000000001c0000000400000007000000000000000400000000000002000000004000000780000000000000001000
00000000028000000040000000700000000000000040000000000000002c0000004000000780000000000000000
1000000000000034000000040000000700000000000000040000000000000038000000400000078000000000000
00001000000000000000400000000040000000700$
|| ||    "function-dock_parent" = <1701000050636361>
|| ||    "atc-phy-parent" = <ac000000>
|| ||    "link-speed-default" = <080c0c00>
|| ||    "interrupt-parent" = <67000000>
|| ||    "port-defaults" = <16b0802b16b0802b0840802b0840802b0948802b0948802b0b58802b>
|| ||    "function-dart_force_active" = <4f00000074636146>
|| ||    "interrupts" =
<1b0300001c0300001d0300001e0300001f030000200300002103000022030000230300002403000025030000260300
0000f030000100300001103000012030000130300001403000015030000160300001703000018030000190300001a030
000>
|| ||    "top_tunables" =
<0000000004000000f0ff000000000000010300000000000002c000000040000000400000000000000000000000000
0000>
|| ||    "iommu-parent" = <50000000>
|| ||    "link-width-default" = <01010200>
|| ||    "lbw_fabric_tunables" =
<0400000004000000700070000000000004000400000000000800000004000001f80000000000000040000000000
00001000000004000000700070000000000004000400000000001800000004000001f800000000000000400000000
0000000020000000040000000700070000000000004000400000000002800000004000001f800000000000000040000
00000000003000000004000001f800000000000000400000000000000380000000400000001f8000000000000004
000000000000000400000000040000001f80000000000000040000000000000048000000040000001f80000000000000
040000000000000050000000040000001f8000000000$
|| ||    "spec-version" = <20000000>
|| ||    "clock-gates" = <df000000e0000000e100000051010000>
|| ||    "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptControlle
r00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterr
uptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController000000
67","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptContr
oller00000067","IOInterruptController000$
|| ||    "IOPCITunnelControllerID" = 0x10000031a
|| ||    "IODeviceMemory" = (({"address"=0x381f00000,"length"=0x100000}),
({"address"=0x381db0000,"length"=0x30004}),({"address"=0x381ac0000,"length"=0x4000}),
({"address"=0x381ac4000,"length"=0x4000}),({"address"=0x381ac8000,"length"=0x4000}),
({"address"=0x381e44000,"length"=0x4000}))
|| ||    "AAPL,phandle" = <4e000000>
|| ||    "name" = <6163696f3000>
|| ||    "power-gates" = <df000000e0000000e1000000>
|| ||    "hbw_fabric_tunables" =
<0400000004000007f007f00000000004000400000000000800000004000001f80000000000000040000000000
00001000000004000007f000000000000040000000000000140000000400000001f80000000000000004000000000
00001c0000000040000001f0000000000000010000000000000024000000040000001f8000000000000004000000
0000000002c000000040000001f0000000000000010000000000003000000004000001f80000000000000004000
00000000038000000040000ffffffff000000000101010100000003c0000004000000ffff0000000000000010100
000000000040000000040000000010000000000$
|| ||    "portmap" = <01000000010000000101100001012000010100e0001010e0002000000>
|| ||    "hi_up_tx_data_fabric_tunables" =
<0400000004000003f00000000000000003000000000000080000004000001f8000000000000004000000000000
00001000000040000003f000000000000000300000000000001400000004000001f800000000000000400000000
00000001c000000040000003f0000000000000003000000000000020000000400001f80000000000000040000000
0000028000000040000003f00000000000000030000000000002c00000040000001f8000000000000004000000
000000034000000040000003f0000000000000030000000000003800000040000001f80000000000000000
04000000000000040000000040000003f$
|| ||    "hi_up_wr_fabric_tunables" =
<0400000004000001f00000000000000010000000000000080000004000001f80000000000000040000000000
0001000000004000001f00000000000000100000000000001400000004000001f800000000000000400000000
0000001c00000004000001f000000000000001000000000000020000000400001f80000000000000004000000
00000028000000040000001f000000000000001000000000002c000000040000001f8000000000000004000
0000000034000000040000001f0000000000000010000000000003800000040000001f80000000000000004
000000000000040000000040000001f00000$
|| ||    "device_type" = <6163696f00>
|| ||    "compatible" = <6163696f00>
```

|| || "revision" = <00000000>
|| || "port-type" = <02000000>
|| || "function-pcie_port_control" = <49000000437472504a000000>
|| || "fw_int_ctl_management_tunables" =
<0000000004000000f0000100000000020000100000000040000000400000f0001000000000020000100000000
0008000000040000000f00010000000000200001000000000c00000000400000000f0001000000000020000100000
00001000000004000000f00001000000000020000100000000001400000000400000000f000010000000002000010000
000001800000004000000f00010000000000020000100000000001c00000000400000000f0001000000000200001
00000000020000000400000000f00010000000000200001000000002400000004000000f0001000000000200001
0010000000028000000040000000$
|| || "gpio-lstx" = <2700000000010000414f5000>
|| || "rid" = <00000000>
|| || "vid-did" = <ac050020>
|| || "reg" =
<0000f08103000000000010000000000000000db810300000004000300000000000000ac810300000004000000000
0000040ac81030000000400000000000000080ac810300000004000000000000000040e481030000000400000000
0000000>
|| || "hi_up_merge_fabric_tunables" =
<040000000400000001f000000000000001000000000000000800000004000001f800000000000000400000000000
00001000000004000003f0000000000000030000000000000001400000004000001f800000000000000400000000
00000001c0000000400000001f0000000000000010000000000000200000000400000001f8000000000000000400000
000000000280000000400007f00000000000000060000000000000002c000000400000001f800000000000000400
000000000003400000004000000078000000000000000100000000000000>
|| || "hi_up_rx_desc_fabric_tunables" =
<040000000400000000f0000000000000080000000000000008000000040000001f800000000000000040000000000
00001000000004000000000f00000000000000080000000000000014000000040000001f8000000000000000400000
0000000001c0000000400000000f0000000000000008000000000000200000000400001f80000000000000400000
000000000280000000400000000f00000000000000080000000000000002c0000000400000001f80000000000000040
0000000000003400000004000000f000000000000000080000000000000038000000040000001f8000000000000000
04000000000000000040000000040000000f$
|| || "port-number" = <01000000>
|| || "thunderbolt-drom" =
<ad009751a0f8da0100a5437a3a013d0001000f0001000881800280000000088290018000000000383200284058509010
00586090100002870d014170706c6520496e632e000602694f53000000>
|| || "pcie_adapter_regs_tunables" = <081000000400000060000000000000000600000000000000>
|| || "IOInterruptSpecifiers" =
(<1b030000>,<1c030000>,<1d030000>,<1e030000>,<1f030000>,<20030000>,<21030000>,<22030000>,<23030000>
,<24030000>,<25030000>,<26030000>,<0f030000>,<10030000>,<11030000>,<12030000>,<13030000>,<14030000>
,<15030000>,<16030000>,<17030000>,<18030000>,<19030000>,<1a030000>)
|| || "acio-cpu" = <52000000>
|| ||}
|| ||
|| | +-o AppleThunderboltHALType5 <class AppleThunderboltHALType5, id 0x10000031a, !registered, !matched,
active, busy 0 (56 ms), retain 10>
|| |||{
|| ||| "IOClass" = "AppleThunderboltHALType5"
|| ||| "CFBundleIdentifier" = "com.apple.driver.AppleThunderboltNHI"
|| ||| "IOProviderClass" = "AppleARMIODevice"
|| ||| "IOPlatformWakeAction" = 0x30d40
|| ||| "IOPCITunnelCompatible" = Yes
|| ||| "IOPlatformSleepAction" = 0x30d40
|| ||| "IOProbeScore" = 0x1000
|| ||| "IONameMatch" = "acio"
|| ||| "IOMatchedAtBoot" = Yes
|| ||| "IOMatchCategory" = "IODefaultMatchCategory"
|| ||| "IOPowerManagement" =
{"ChildrenPowerState"=0x3,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x0,"MaxPowerState"=0
x3,"PowerOverrideOn"=Yes}
|| ||| "Statistics" = {"Total Rx Packets"="0","Total Tx Packets"="0"}
|| ||| "IONameMatched" = "acio"
|| ||| "IOPersonalityPublisher" = "com.apple.driver.AppleThunderboltNHI"
|| ||| "CFBundleIdentifierKernel" = "com.apple.driver.AppleThunderboltNHI"
|| ||| "Hardware Owner" = "AppleThunderboltNHIType5"
|| |||}
|| |||
|| ||+-o AppleThunderboltNHIType5 <class AppleThunderboltNHIType5, id 0x1000007a2, registered, matched, active,
busy 0 (56 ms), retain 13>
|| || |{
|| || |}
|| || |
|| || +-o IOThunderboltControllerType5 <class IOThunderboltControllerType5, id 0x1000007da, registered, matched,
active, busy 0 (53 ms), retain 17>
|| || |{
|| || | "User Client Version" = 0x6
|| || | "Generation" = 0x1
|| || | "IOCFPlugInTypes" = {"3A0F596B-5D02-41D3-99D4-E27D4F218A54"="IOThunderboltFamily.kext/Contents/
PlugIns/IOThunderboltLib.plugin"}
|| || | "JTAG Device Count" = 0x0
|| || | "IOUserClientClass" = "IOThunderboltFamilyUserClient"
|| || | "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"DesiredPowerState"=0x2,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x2,"DriverPowerState"=0x2}
|| || | "Using Bus Power" = No
|| || | "TMU Mode" = 0x0
|| || |}
|| || |
|| || +-o IOThunderboltLocalNode <class IOThunderboltLocalNode, id 0x1000007df, registered, matched, active,
busy 0 (5 ms), retain 7>
|| || ||{
|| || || "XDP" =

<0144585518000000646e65766469726f01000076270a0000646e65766469726f030000741a00000069766564646965
63010000760a0000006976656546469656563040000741d00000069766565476726563010000760001000806878616d6469
706f010000760f0000006c7070416e49206500002e634263614d416b6f6f303172690000312c00000000000000000000
000000000000>
   || || || "Domain UUID" = "06B402FF-0D5B-4637-A775-766D1F343122"
   || || ||}
   || || ||
   || || | +-o AppleThunderboltIPService <class AppleThunderboltIPService, id 0x100000838, registered, matched, active, busy 0 (3 ms), retain 7>
   || || | |{
   || || | | "IOProbeScore" = 0x1000
   || || | | "CFBundleIdentifier" = "com.apple.driver.AppleThunderboltIP"
   || || | | "IOMatchCategory" = "AppleThunderboltIPService"
   || || | | "IOClass" = "AppleThunderboltIPService"
   || || | | "IOPersonalityPublisher" = "com.apple.driver.AppleThunderboltIP"
   || || | | "IOProviderClass" = "IOThunderboltLocalNode"
   || || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleThunderboltIP"
   || || | | "IOMatchedAtBoot" = Yes
   || || | | "Protocol Settings" = 0xffffffff80000003
   || || | | "IOResourceMatch" = "IOKit"
   || || | |}
   || || |
   || || | +-o AppleThunderboltIPPort <class AppleThunderboltIPPort, id 0x100000839, registered, matched, active, busy 0 (2 ms), retain 7>
   || || | |{
   || || | | "IOLocation" = "1"
   || || | | "IOModel" = "ThunderboltIP"
   || || | | "IOPacketFilters" = {"IONetworkFilterGroup"=0x23,"IOEthernetWakeOnLANFilterGroup"=0x0}
   || || | | "IOMACAddress" = <365adb605280>
   || || | | "IOLinkSpeed" = 0x12a05f2000
   || || | | "AVBControllerState" = 0x1
   || || | | "IOVendor" = "Apple"
   || || | | "IOSelectedMedium" = "00100020"
   || || | | "IOMinPacketSize" = 0x40
   || || | | "IOFeatures" = 0x38
   || || | | "IORevision" = "4.0.3"
   || || | | "IOLinkStatus" = 0x1
   || || | | "IOMaxPacketSize" = 0x10000
   || || | | "IOActiveMedium" = "00100020"
   || || | | "IOMediumDictionary" =
{"00100020"={"Index"=0x0,"Type"=0x100020,"Flags"=0x0,"Speed"=0x12a05f2000}}
   || || | |}
   || || | |
   || || | +-o en1 <class IOEthernetInterface, id 0x10000083d, registered, matched, active, busy 0 (4 ms), retain 11>
   || || | |{
   || || | | "IOLocation" = "1"
   || || | | "IORequiredPacketFilters" = {"IONetworkFilterGroup"=0x3,"IOEthernetWakeOnLANFilterGroup"=0x0}
   || || | | "IOLinkActiveCount" = 0x0
   || || | | "BSD Name" = "en1"
   || || | | "IOMaxTransferUnit" = 0x5dc
   || || | | "IOInterfaceType" = 0x6
   || || | | "IOInterfaceFlags" = 0x8963
   || || | | "IOMediaAddressLength" = 0x6
   || || | | "IOInterfaceState" = 0x3
   || || | | "IOMediaHeaderLength" = 0xe
   || || | | "IOActivePacketFilters" = {"IONetworkFilterGroup"=0x3,"IOEthernetWakeOnLANFilterGroup"=0x0}
   || || | | "IOInterfaceExtraFlags" = 0x41000080
   || || | | "IOPrimaryInterface" = No
   || || | | "IOControllerEnabled" = Yes
   || || | | "IOInterfaceUnit" = 0x1
   || || | | "IOInterfaceNamePrefix" = "en"
   || || | | "IOBuiltin" = Yes
   || || | | "IONetworkData" =
{"IONetworkStatsKey"={"Size"=0x14,"Data"=<0000000000000000000000000000000000000000>},"Access
Types"=0x9},"IOEthernetStatsKey"={"Size"=0xd8,"Data"=<000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000$
   || || | |}
   || || | |
   || || | +-o IONetworkStack <class IONetworkStack, id 0x100000609, registered, matched, active, busy 0 (4 ms), retain 20>
   || || | |{
   || || | | "IOProbeScore" = 0x0
   || || | | "CFBundleIdentifier" = "com.apple.iokit.IONetworkingFamily"
   || || | | "IOMatchCategory" = "IONetworkStack"
   || || | | "IOClass" = "IONetworkStack"
   || || | | "IOPersonalityPublisher" = "com.apple.iokit.IONetworkingFamily"
   || || | | "IOProviderClass" = "IOResources"
   || || | | "CFBundleIdentifierKernel" = "com.apple.iokit.IONetworkingFamily"
   || || | | "IOMatchedAtBoot" = Yes
   || || | | "IOUserClientClass" = "IONetworkStackUserClient"
   || || | | "IOResourceMatch" = "IOBSD"
   || || | |}
   || || | |
   || || | +-o IONetworkStackUserClient <class IONetworkStackUserClient, id 0x100000aac, !registered, !matched, active, busy 0, retain 5>
   || || | {
   || || | "IOUserClientCreator" = "pid 325, configd"

```
|| ||  |          "IOUserClientDefaultLocking" = Yes
|| ||  |        }
|| ||  |
|| ||  +-o IOThunderboltPort@7  <class IOThunderboltPort, id 0x1000007e0, registered, matched, active, busy 0 (49
ms), retain 8>
|| ||  ||{
|| ||  ||  "Max Credits" = 0xae
|| ||  ||  "Description" = "Thunderbolt Native Host Interface Adapter"
|| ||  ||  "Port Number" = 0x7
|| ||  ||  "Max In Hop ID" = 0xb
|| ||  ||  "Hop Table" = ()
|| ||  ||  "Thunderbolt Version" = 0x20
|| ||  ||  "Maximum Bandwidth Allocated" = 0x0
|| ||  ||  "Required Bandwidth Allocated" = 0x0
|| ||  ||  "Device ID" = 0x2000
|| ||  ||  "Revision ID" = 0x0
|| ||  ||  "Max Out Hop ID" = 0xb
|| ||  ||  "Vendor ID" = 0x5ac
|| ||  ||  "Adapter Type" = 0x2
|| ||  ||}
|| ||  ||
|| ||  |+-o IOThunderboltSwitchType5  <class IOThunderboltSwitchType5, id 0x1000007e1, registered, matched,
active, busy 0 (47 ms), retain 25>
|| ||  | |{
|| ||  | |  "Device Vendor ID" = 0x1
|| ||  | |  "Device Vendor Name" = "Apple Inc."
|| ||  | |  "Device Model Name" = "iOS"
|| ||  | |  "IOPowerManagement" =
{"DesiredPowerState"=0x2,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x2,"DriverPowerState"=0x
2}
|| ||  | |  "UID" = 0x5ac8733571814a0
|| ||  | |  "Upstream Port Number" = 0x7
|| ||  | |  "Max Port Number" = 0x7
|| ||  | |  "DROM" =
<dfa01418573387ac05a5437a3a013d0001000f0001000881800280000000088290018000000003832002840585090100
58609010002870d014170706c6520496e632e000602694f53000000>
|| ||  | |  "Thunderbolt Version" = 0x20
|| ||  | |  "ROM Version" = 0x0
|| ||  | |  "Device ID" = 0x2000
|| ||  | |  "Revision ID" = 0x0
|| ||  | |  "Route String" = 0x0
|| ||  | |  "Device Model ID" = 0xf
|| ||  | |  "Device Model Revision" = 0x1
|| ||  | |  "EEPROM Revision" = 0x0
|| ||  | |  "Router ID" = 0x0
|| ||  | |  "Vendor ID" = 0x5ac
|| ||  | |  "Depth" = 0x0
|| ||  | |}
|| ||  | |
|| ||  | +-o IOThunderboltPort@1  <class IOThunderboltPort, id 0x1000007e3, registered, matched, active, busy 0
(10 ms), retain 7>
|| ||  | | {
|| ||  | |   "Max In Hop ID" = 0x16
|| ||  | |   "Supported Link Width" = 0x2
|| ||  | |   "Max Credits" = 0xae
|| ||  | |   "Target Link Width" = 0x1
|| ||  | |   "Current Link Width" = 0x1
|| ||  | |   "Required Bandwidth Allocated" = 0x0
|| ||  | |   "Lane" = 0x1
|| ||  | |   "TRM Identification Restricted" = 0x0
|| ||  | |   "Max Out Hop ID" = 0x16
|| ||  | |   "Revision ID" = 0x0
|| ||  | |   "Maximum Bandwidth Allocated" = 0x0
|| ||  | |   "TRM Transport Restricted" = 0x0
|| ||  | |   "TRM Hash Set" = No
|| ||  | |   "Port Number" = 0x1
|| ||  | |   "TRM Transport Active 0" = No
|| ||  | |   "Thunderbolt Version" = 0x20
|| ||  | |   "TRM Transport Active 1" = No
|| ||  | |   "Socket ID" = "1"
|| ||  | |   "Target Link Speed" = 0xc
|| ||  | |   "Link Bandwidth" = 0x64
|| ||  | |   "Dual-Link Port" = 0x2
|| ||  | |   "Supported Link Speed" = 0xc
|| ||  | |   "Description" = "Thunderbolt Port"
|| ||  | |   "CLx State" = 0x0
|| ||  | |   "Adapter Type" = 0x1
|| ||  | |   "Hop Table" = ()
|| ||  | |   "Dual-Link Port RID" = 0x0
|| ||  | |   "Vendor ID" = 0x5ac
|| ||  | |   "Device ID" = 0x2000
|| ||  | |   "TRM Policy" = "Root"
|| ||  | |   "Current Link Speed" = 0x8
|| ||  | | }
|| ||  | |
|| ||  | +-o IOThunderboltPort@2  <class IOThunderboltPort, id 0x1000007e4, registered, matched, active, busy 0
(13 ms), retain 6>
|| ||  | | {
|| ||  | |   "Max In Hop ID" = 0x16
|| ||  | |   "Supported Link Width" = 0x2
```

```
|| ||   |  |    "Max Credits" = 0xae
|| ||   |  |    "Target Link Width" = 0x1
|| ||   |  |    "Current Link Width" = 0x1
|| ||   |  |    "Required Bandwidth Allocated" = 0x0
|| ||   |  |    "Lane" = 0x2
|| ||   |  |    "Socket ID" = "1"
|| ||   |  |    "Max Out Hop ID" = 0x16
|| ||   |  |    "Revision ID" = 0x0
|| ||   |  |    "Maximum Bandwidth Allocated" = 0x0
|| ||   |  |    "Port Number" = 0x2
|| ||   |  |    "Target Link Speed" = 0xc
|| ||   |  |    "Thunderbolt Version" = 0x20
|| ||   |  |    "Link Bandwidth" = 0x64
|| ||   |  |    "Dual-Link Port" = 0x1
|| ||   |  |    "Supported Link Speed" = 0xc
|| ||   |  |    "Description" = "Thunderbolt Port"
|| ||   |  |    "CLx State" = 0x0
|| ||   |  |    "Adapter Type" = 0x1
|| ||   |  |    "Hop Table" = ()
|| ||   |  |    "Dual-Link Port RID" = 0x0
|| ||   |  |    "Vendor ID" = 0x5ac
|| ||   |  |    "Device ID" = 0x2000
|| ||   |  |    "Current Link Speed" = 0x8
|| ||   |  | }
|| ||   |  |
|| ||   |  +-o IOThunderboltPort@3  <class IOThunderboltPort, id 0x1000007e5, registered, matched, active, busy 0
(46 ms), retain 8>
|| ||   |  | |{
|| ||   |  | |  "Max Credits" = 0xae
|| ||   |  | |  "Description" = "PCIe Adapter"
|| ||   |  | |  "Port Affinity" = (0x1)
|| ||   |  | |  "Port Number" = 0x3
|| ||   |  | |  "Max In Hop ID" = 0x8
|| ||   |  | |  "Hop Table" = ()
|| ||   |  | |  "Thunderbolt Version" = 0x20
|| ||   |  | |  "Maximum Bandwidth Allocated" = 0x0
|| ||   |  | |  "Required Bandwidth Allocated" = 0x0
|| ||   |  | |  "Device ID" = 0x2000
|| ||   |  | |  "Revision ID" = 0x0
|| ||   |  | |  "Max Out Hop ID" = 0x8
|| ||   |  | |  "PCI Path" = "IOService:/AppleARMPE/arm-io@10F00000/AppleT810xIO/apciec0@B0000000/
AppleT8103PCIeC/pcic0-bridge@0"
|| ||   |  | |  "PCI Entry ID" = 0x100000818
|| ||   |  | |  "Vendor ID" = 0x5ac
|| ||   |  | |  "Adapter Type" = 0x100101
|| ||   |  | |}
|| ||   |  | |
|| ||   |  | +-o AppleThunderboltPCIDownAdapterType5  <class AppleThunderboltPCIDownAdapterType5, id
0x100000815, registered, matched, active, busy 0 (1 ms), retain 5>
|| ||   |  |  {
|| ||   |  |    "IOProbeScore" = 0x2000
|| ||   |  |    "CFBundleIdentifier" = "com.apple.driver.AppleThunderboltPCIDownAdapter"
|| ||   |  |    "IOProviderClass" = "IOThunderboltPort"
|| ||   |  |    "IOClass" = "AppleThunderboltPCIDownAdapterType5"
|| ||   |  |    "IOPersonalityPublisher" = "com.apple.driver.AppleThunderboltPCIDownAdapter"
|| ||   |  |    "Adapter Type" = 0x100101
|| ||   |  |    "Device ID" = "0x00002000&0x0000ff00"
|| ||   |  |    "Vendor ID" = 0x5ac
|| ||   |  |    "CFBundleIdentifierKernel" = "com.apple.driver.AppleThunderboltPCIDownAdapter"
|| ||   |  |    "IOMatchedAtBoot" = Yes
|| ||   |  |    "IOMatchCategory" = "IODefaultMatchCategory"
|| ||   |  |  }
|| ||   |  |
|| ||   |  +-o IOThunderboltPort@4  <class IOThunderboltPort, id 0x1000007e6, registered, matched, active, busy 0
(21 ms), retain 8>
|| ||   |  | |{
|| ||   |  | |  "Max Credits" = 0xae
|| ||   |  | |  "Description" = "USB Adapter"
|| ||   |  | |  "Port Affinity" = (0x1)
|| ||   |  | |  "Port Number" = 0x4
|| ||   |  | |  "Max In Hop ID" = 0x8
|| ||   |  | |  "Hop Table" = ()
|| ||   |  | |  "Thunderbolt Version" = 0x20
|| ||   |  | |  "Maximum Bandwidth Allocated" = 0x0
|| ||   |  | |  "Required Bandwidth Allocated" = 0x0
|| ||   |  | |  "Device ID" = 0x2000
|| ||   |  | |  "Revision ID" = 0x0
|| ||   |  | |  "Max Out Hop ID" = 0x8
|| ||   |  | |  "Vendor ID" = 0x5ac
|| ||   |  | |  "Adapter Type" = 0x200101
|| ||   |  | |}
|| ||   |  | |
|| ||   |  | +-o AppleThunderboltUSBDownAdapter  <class AppleThunderboltUSBDownAdapter, id 0x100000810,
registered, matched, active, busy 0 (9 ms), retain 5>
|| ||   |  |  {
|| ||   |  |    "IOProbeScore" = 0x1000
|| ||   |  |    "CFBundleIdentifier" = "com.apple.driver.AppleThunderboltUSBDownAdapter"
|| ||   |  |    "IOProviderClass" = "IOThunderboltPort"
|| ||   |  |    "IOClass" = "AppleThunderboltUSBDownAdapter"
|| ||   |  |    "IOPersonalityPublisher" = "com.apple.driver.AppleThunderboltUSBDownAdapter"
```

```
|| ||   |  |    "Adapter Type" = 0x200101
|| ||   |  |    "CFBundleIdentifierKernel" = "com.apple.driver.AppleThunderboltUSBDownAdapter"
|| ||   |  |    "IOMatchedAtBoot" = Yes
|| ||   |  |    "IOMatchCategory" = "IODefaultMatchCategory"
|| ||   |  |    }
|| ||   |  |
|| ||   |  +-o IOThunderboltPort@5  <class IOThunderboltPort, id 0x1000007e7, registered, matched, active, busy 0
(20 ms), retain 10>
|| ||   |  ||{
|| ||   |  ||  "Max Credits" = 0xae
|| ||   |  ||  "Description" = "DP or HDMI Adapter"
|| ||   |  ||  "Port Number" = 0x5
|| ||   |  ||  "Max In Hop ID" = 0x9
|| ||   |  ||  "Hop Table" = ()
|| ||   |  ||  "Thunderbolt Version" = 0x20
|| ||   |  ||  "Maximum Bandwidth Allocated" = 0x0
|| ||   |  ||  "Required Bandwidth Allocated" = 0x0
|| ||   |  ||  "Device ID" = 0x2000
|| ||   |  ||  "Revision ID" = 0x0
|| ||   |  ||  "Max Out Hop ID" = 0x9
|| ||   |  ||  "Vendor ID" = 0x5ac
|| ||   |  ||  "Adapter Type" = 0xe0101
|| ||   |  ||}
|| ||   |  ||
|| ||   |  |+-o AppleThunderboltDPInAdapterOS  <class AppleThunderboltDPInAdapterOS, id 0x1000007f9, registered,
matched, active, busy 0 (6 ms), retain 7>
|| ||   |  |   {
|| ||   |  |    "IOProbeScore" = 0xb
|| ||   |  |    "CFBundleIdentifier" = "com.apple.driver.AppleThunderboltDPInAdapter"
|| ||   |  |    "IOProviderClass" = "IOThunderboltPort"
|| ||   |  |    "IOClass" = "AppleThunderboltDPInAdapterOS"
|| ||   |  |    "IOPersonalityPublisher" = "com.apple.driver.AppleThunderboltDPInAdapter"
|| ||   |  |    "Adapter Type" = 0xe0101
|| ||   |  |    "CFBundleIdentifierKernel" = "com.apple.driver.AppleThunderboltDPInAdapter"
|| ||   |  |    "IOMatchedAtBoot" = Yes
|| ||   |  |    "IOMatchCategory" = "IODefaultMatchCategory"
|| ||   |  |    "Cached Local DP Capabilities" = <00000000>
|| ||   |  |   }
|| ||   |  |
|| ||   |  +-o IOThunderboltPort@6  <class IOThunderboltPort, id 0x1000007e8, registered, matched, active, busy 0
(14 ms), retain 10>
|| ||   |  |{
|| ||   |  |  "Max Credits" = 0xae
|| ||   |  |  "Description" = "DP or HDMI Adapter"
|| ||   |  |  "Port Number" = 0x6
|| ||   |  |  "Max In Hop ID" = 0x9
|| ||   |  |  "Hop Table" = ()
|| ||   |  |  "Thunderbolt Version" = 0x20
|| ||   |  |  "Maximum Bandwidth Allocated" = 0x0
|| ||   |  |  "Required Bandwidth Allocated" = 0x0
|| ||   |  |  "Device ID" = 0x2000
|| ||   |  |  "Revision ID" = 0x0
|| ||   |  |  "Max Out Hop ID" = 0x9
|| ||   |  |  "Vendor ID" = 0x5ac
|| ||   |  |  "Adapter Type" = 0xe0101
|| ||   |  |}
|| ||   |  |
|| ||   |  +-o AppleThunderboltDPInAdapterOS  <class AppleThunderboltDPInAdapterOS, id 0x1000007fa, registered,
matched, active, busy 0 (6 ms), retain 7>
|| ||   |      {
|| ||   |       "IOProbeScore" = 0xb
|| ||   |       "CFBundleIdentifier" = "com.apple.driver.AppleThunderboltDPInAdapter"
|| ||   |       "IOProviderClass" = "IOThunderboltPort"
|| ||   |       "IOClass" = "AppleThunderboltDPInAdapterOS"
|| ||   |       "IOPersonalityPublisher" = "com.apple.driver.AppleThunderboltDPInAdapter"
|| ||   |       "Adapter Type" = 0xe0101
|| ||   |       "CFBundleIdentifierKernel" = "com.apple.driver.AppleThunderboltDPInAdapter"
|| ||   |       "IOMatchedAtBoot" = Yes
|| ||   |       "IOMatchCategory" = "IODefaultMatchCategory"
|| ||   |       "Cached Local DP Capabilities" = <00000000>
|| ||   |      }
|| ||   |
|| ||   +-o AppleThunderboltDPConnectionManager  <class AppleThunderboltDPConnectionManager, id
0x100000803, !registered, !matched, active, busy 0, retain 6>
|| ||       {
|| ||        "Registered Ports" = ["<0:0x00000000:0x00000006>","<0:0x00000000:0x00000005>"]
|| ||        "Registered DP Out Adapters" = []
|| ||        "DP Out Adapters Waiting for Evaluation" = ()
|| ||        "Waiting for all DP adapters to register" = No
|| ||        "Registered DP In Adapters" = ["<0:0x00000000:0x00000006>","<0:0x00000000:0x00000005>"]
|| ||        "Evaluating Connections" = No
|| ||       }
|| ||
|| |+-o IOTBTTunnelClientInterfaceManager  <class IOTBTTunnelClientInterfaceManager, id 0x1000007dc, registered,
matched, active, busy 0 (38 ms), retain 8>
|| |   {
|| |   }
|| |
|| +-o dart-acio0@81A80000  <class AppleARMIODevice, id 0x10000028c, registered, matched, active, busy 0 (207
ms), retain 9>
```

```
|| ||{
|| || "dart-id" = <02000000>
|| || "IOInterruptSpecifiers" = (<2a030000>)
|| || "AAPL,phandle" = <4f000000>
|| || "bypass" = <00800000>
|| || "instance" = <545241444441525400000000000>
|| || "IODeviceMemory" = (({"address"=0x381a80000,"length"=0x4000}))
|| || "IOReportLegendPublic" = Yes
|| || "tlb-invalid-refetch" = <>
|| || "dart-options" = <07000000>
|| || "IOInterruptControllers" = ("IOInterruptController00000067")
|| || "name" = <646172742d6163696f3000>
|| || "interrupt-parent" = <67000000>
|| || "compatible" = <646172742c743830323000>
|| || "interrupts" = <2a030000>
|| || "page-size" = <00400000>
|| || "diag-config" = <00210080>
|| || "manual-availability" = <01000000>
|| || "dart-tunables-instance-0" =
<6000000004000000006100800000000006100800000000680000004000000f0f0f00000000000f0f0f00000000
006c00000004000000ffffff0000000000080808000000008001000004000000fff0f0000000000010000000000
00840100000400000000fff0f00000000000102000000000088010000040000000fff0f00000000000104000000000
008c0100000400000000fff0f0000000000020600000000009001000004000000fff0f0000000000020a00000000
009401000004000000fff0f000000000020e00000000009801000004000000fff0f0000000000021200000000
009c01000004000000fff0$
|| || "error-reflector" = <00c0ff3c02000000>
|| || "device_type" = <6461727400>
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "reg" = <0000a881030000000400000000000000>
|| || "sids" = <03800000>
|| ||}
|| ||
|| |+-o AppleT8020DART  <class AppleT8020DART, id 0x10000031d, registered, matched, active, busy 0 (28 ms),
retain 8>
|| | |{
|| | | "IOClass" = "AppleT8020DART"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOFunctionParent0000004F" = <>
|| | | "IOPlatformActiveAction" = 0x13880
|| | | "noncompliant-dead-mappings" = No
|| | | "IOPlatformSleepAction" = 0x13880
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = "dart,t8020"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IOUserClientClass" = "IODARTClient"
|| | | "IONameMatched" = "dart,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| | | "iommu-dart-identity" = <4f000000>
|| | |}
|| | |
|| | +-o mapper-acio0@1  <class IODARTMapperNub, id 0x1000003a8, registered, matched, active, busy 0 (28 ms),
retain 8>
|| | |{
|| | | "device_type" = <646172742d6d617070657200>
|| | | "reg" = <01000000>
|| | | "name" = <6d61707065722d6163696f3000>
|| | | "AAPL,phandle" = <50000000>
|| | | "compatible" = <696f6d6d752d6d617070657200>
|| | |}
|| | |
|| | +-o IODARTMapper  <class IODARTMapper, id 0x1000003c9, registered, matched, active, busy 0 (13 ms), retain
6>
|| | {
|| | "IOClass" = "IODARTMapper"
|| | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | "IOProviderClass" = "IODARTMapperNub"
|| | "iommu-dart-translation" = Yes
|| | "IOUserClientClass" = "IODARTMapperClient"
|| | "IOProbeScore" = 0x0
|| | "IONameMatch" = "iommu-mapper"
|| | "IOMatchedAtBoot" = Yes
|| | "IOMatchCategory" = "IODefaultMatchCategory"
|| | "IONameMatched" = "iommu-mapper"
|| | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | "IOMapperID" = <50000000>
|| | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | }
|| |
|| +-o acio-cpu0@81100000  <class AppleARMIODevice, id 0x10000028d, registered, matched, active, busy 0 (257
ms), retain 9>
|| ||{
|| || "compatible" = <696f702c6d33777261702d76322d6163696f00>
```

    || || "interrupt-parent" = <67000000>
    || || "AAPL,phandle" = <51000000>
    || || "interrupts" = <2d0300002c0300002f0300002e030000>
    || || "clock-gates" = <51010000>
    || || "reg" =
<0000108103000000440100000000000000a0108103000000440100000000000000ac8103000000040000000000
000>
    || || "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptControlle
r00000067")
    || || "device_type" = <6163696f2d63707500>
    || || "IOInterruptSpecifiers" = (<2d030000>,<2c030000>,<2f030000>,<2e030000>)
    || || "IODeviceMemory" = (({"address"=0x381100000,"length"=0x144}),({"address"=0x38110a000,"length"=0x144}),
({"address"=0x381ac000,"length"=0x4000}))
    || || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200020000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200020001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200020002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200020003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200020004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
    || || "IOReportLegendPublic" = Yes
    || || "role" = <4143494f3000>
    || || "name" = <6163696f2d6370753000>
    || ||}
    || ||
    || | +-o AppleM3WrapV2ACIO <class AppleM3WrapV2ACIO, id 0x10000031c, !registered, !matched, active, busy 0 (87
ms), retain 5>
    || | |{
    || | | "IOProbeScore" = 0x0
    || | | "CFBundleIdentifier" = "com.apple.driver.AppleA7IOP-M3Wrap-v2"
    || | | "IOProviderClass" = "AppleARMIODevice"
    || | | "IOClass" = "AppleM3WrapV2ACIO"
    || | | "IOPersonalityPublisher" = "com.apple.driver.AppleA7IOP-M3Wrap-v2"
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleA7IOP-M3Wrap-v2"
    || | | "IOMatchedAtBoot" = Yes
    || | | "IONameMatch" = "iop,m3wrap-v2-acio"
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "IONameMatched" = "iop,m3wrap-v2-acio"
    || | | "role" = "ACIO0"
    || | |}
    || | |
    || | +-o iop-acio0-nub <class AppleA7IOPNub, id 0x100000385, registered, matched, active, busy 0 (90 ms), retain
7>
    || | |{
    || | | "uuid" = <30303030303030302d303030302d303030302d303030302d30303030303030303030303000>
    || | | "segment-names" = <5f5f544558543b5f5f4441544100>
    || | | "pre-loaded" = <01000000>
    || | | "compatible" = <696f702d6e75622c727472627566464792d763200>
    || | | "coredump-enable" = <20000000>
    || | | "AAPL,phandle" = <52000000>
    || | | "KDebugCoreID" = 0xd
    || | | "running" = <01000000>
    || | | "no-firmware-service" = <>
    || | | "reconfig-firmware" = <>
    || | | "watchdog-enable" = <>
    || | | "dont-power-on" = <>
    || | | "segment-ranges" =
<00000081030000000000000000000000000000000000000000080020001000000000008810300000000000100000
00000000010000000000020000000000>
    || | | "coredump-rel-privacy-approved" = <>
    || | | "name" = <696f702d6163696f302d6e756200>
    || | | "user-power-managed" = <01000000>
    || | |}
    || | |
    || | +-o RTBuddy(ACIO0) <class RTBuddy, id 0x100000515, registered, matched, active, busy 0 (20 ms), retain 9>
    || | |{
    || | | "IOClass" = "RTBuddy"
    || | | "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
    || | | "IOProviderClass" = "AppleA7IOPNub"
    || | | "IOPlatformPanicAction" = 0x15ba8
    || | | "IOUserClientClass" = "RTBuddyUserClient"
    || | | "IOProbeScore" = 0x0
    || | | "IONameMatch" = "iop-nub,rtbuddy-v2"
    || | | "IOMatchedAtBoot" = Yes
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "IOReportLegend" =
({"IOReportGroupName"="ACIO0","IOReportChannels"=((0x5254537475730000,0x900020002,"status")),"IOReportChann
elInfo"={"IOReportChannelUnit"=0x100007980000018},"IOReportSubGroupName"="IOP State"})
    || | | "IOReportLegendPublic" = Yes
    || | | "IONameMatched" = "iop-nub,rtbuddy-v2"
    || | | "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
    || | | "role" = "ACIO0"
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
    || | | "RTBuddyRouteProviderKey" = <52000000>
    || | |}
    || | |
    || | +-o RTBuddyService <class RTBuddyService, id 0x100000550, registered, matched, active, busy 0 (5 ms),
retain 5>
    || | {
    || | "IOProbeScore" = 0x3e8

```
|| |         "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
|| |         "IOMatchCategory" = "RTBuddyService"
|| |         "IOClass" = "RTBuddyService"
|| |         "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
|| |         "IOProviderClass" = "RTBuddy"
|| |         "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
|| |         "IOMatchedAtBoot" = Yes
|| |         "role" = "ACIO0"
|| |       }
|| |
|| +-o apciec1@30000000  <class AppleARMIODevice, id 0x10000028e, registered, matched, active, busy 0 (492 ms),
retain 10>
|| ||{
|| ||   "pci-aer-correctable" = <00000000>
|| ||   "bus-range" = <0000000080000000>
|| ||   "dev-range" = <00000000ff000000>
|| ||   "msi-parent-controller" = <67000000>
|| ||   "#size-cells" = <02000000>
|| ||   "interrupt-parent" = <67000000>
|| ||   "#msi-vectors" = <20000000>
|| ||   "msi-address" = <00f0ffff00000000>
|| ||   "interrupts" = <52030000>
|| ||   "link-state-power" = <0000000000000000000000000000000000>
|| ||   "apciec-piodma" = <57000000>
|| ||   "atc-apcie-fabric-tunables" =
<0400000004000001f001f0000000000180018000000000080000000400000010000000000000000100000000000
0000c000000040000000100000000000010000000000000001000000040000001f80000000000000004000000000
0000018000000040000ff030000000000000800200000000000044000000040000000100000000000000100000
000000000009400000040000001f8000000000000004000000000000009c000000040000001f8000000000000400
00000000000002000000040000001f80000000000000040000000000000028000000040000003f000000000000002
0000000000000002c000000040000001f8000$
|| ||   "msi-vector-offset" = <32030000>
|| ||   "IODTPersist" = 0x0
|| ||   "clock-gates" = <600100005c010000>
|| ||   "IOInterruptControllers" = ("IOInterruptController00000067")
|| ||   "IOPCIConfigured" = Yes
|| ||   "acio-parent" = <58000000>
|| ||   "pci-aer-uncorrectable" = <01000000>
|| ||   "atc-apcie-debug-tunables" = <001000000400000001000000000000000000000000000000>
|| ||   "ranges" =
<00000043000000080050000000000000800500000000000080000000000000002000010000000000000001000060
000000000f03f000000000000004200000040000000000000004006000000000000004000000000>
|| ||   "AAPL,phandle" = <53000000>
|| ||   "atc-apcie-rc-tunables" =
<180700000040000000c0070000000000000000000000000000bc0800000400000010000000000000000000000000
000078000000040000000070000000000000000000000000000001408000004000000ffffffff0000000060f000000000
0000>
|| ||   "power-gates" = <600100005c010000>
|| ||   "name" = <6170636965633100>
|| ||   "IODeviceMemory" = (({"address"=0x530000000,"length"=0x10000000}),
({"address"=0x520000000,"length"=0x4000}),({"address"=0x521000000,"length"=0x8000}),
({"address"=0x520004000,"length"=0x4000}),({"address"=0x520200000,"length"=0x4000}),
({"address"=0x521010000,"length"=0x4000}),({"address"=0x52100c000,"length"=0x4000}))
|| ||   "apcie-config-tunables" = <40010000040000000100000000000000000100000000000000>
|| ||   "device_type" = <7063692d6300>
|| ||   "compatible" = <61706369656332c743831303300>
|| ||   "port-type" = <02000000>
|| ||   "IOReportLegendPublic" = Yes
|| ||   "reg" =
<000000300500000000000001000000000000000200500000000400000000000000000002105000000008000000000
00000004000200500000000400000000000000000202005000000004000000000000000012105000000000040000
0000000000000c00021050000000040000000000000>
|| ||   "port-number" = <02000000>
|| ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"      First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"       Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"  Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| ||   "#address-cells" = <03000000>
|| ||   "IOInterruptSpecifiers" = (<52030000>)
|| ||   "xhci-interrupt-rmbs" = <10270000>
|| ||}
|| ||
|| |+-o AppleT8103PCIeC  <class AppleT8103PCIeC, id 0x100000365, registered, matched, active, busy 0 (23 ms),
retain 8>
|| | |{
|| | |   "IOClass" = "AppleT8103PCIeC"
|| | |   "CFBundleIdentifier" = "com.apple.driver.AppleT8103PCIeC"
|| | |   "IOProviderClass" = "AppleARMIODevice"
|| | |   "IOPlatformActiveAction" = 0x5dc
|| | |   "IOUserClientClass" = "AppleTunneledPCIEUserClient"
|| | |   "IOPlatformQuiesceAction" = 0xfa0
|| | |   "IOProbeScore" = 0x0
|| | |   "IONameMatch" = "apciec,t8103"
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | |   "IOReportLegend" =
({"IOReportGroupName"="AppleEmbeddedPCIE","IOReportChannels"=((0x4c537450727430,0x400020002,"apciec1 Link
States")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x100007900000000},"IOReportSubGroupName"="Link
```

States"},{"IOReportChannels"=((0x4576303050727430,0x180000001,"Port 0 Enable Request   "),(0x4576303150727430,0x180000001,"Port 0 Enable Complete   "),(0x4576303250727430,0x180000001,"Port 0 Disable Request   "),(0x4576303350727430,0x180000001,"Port 0 Disable $
|| | | "IOReportLegendPublic" = Yes
|| | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x3}
|| | | "IONameMatched" = "apciec,t8103"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8103PCIeC"
|| | | "IOFunctionParent00000053" = <>
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8103PCIeC"
|| | | }
|| | |
|| | +-o pcic1-bridge@0 <class IOPCIDevice, id 0x1000007cd, registered, matched, active, busy 0 (23 ms), retain 12>
|| | | {
|| | | "IOPCIExpressLinkCapabilities" = 0x733901
|| | | "vendor-id" = <6b100000>
|| | | "class-code" = <00040600>
|| | | "#msi-vectors" = <20000000>
|| | | "pci-ignore-linkstatus" = <>
|| | | "#size-cells" = <02000000>
|| | | "IOName" = "pci-bridge"
|| | | "function-dart_force_active" = <5500000074636146>
|| | | "device-protection-granularity" = <d8120f4000010000>
|| | | "msi-for-bridges" = <>
|| | | "function-dart_self" = <55000000666c6553>
|| | | "IOPCIHPType" = 0x31
|| | | "pcidebug" = "0:0:0(1:128)"
|| | | "Thunderbolt Path" = "IOService:/AppleARMPE/arm-io@10F00000/AppleT810xIO/acio1@1F00000/AppleThunderboltHALType5/AppleThunderboltNHIType5/IOThunderboltControllerType5/IOThunderboltPort@7/IOThunderboltSwitchType5/IOThunderboltPort@3"
|| | | "IOPCIExpressLinkStatus" = 0x1011
|| | | "IOPCIExpressCapabilities" = 0x42
|| | | "IODTPersist" = 0x0
|| | | "IOServiceDEXTEntitlements" =
(("com.apple.developer.driverkit.transport.pci","com.apple.developer.driverkit.transport.pci.bridge"))
|| | | "IOPCIConfigured" = Yes
|| | | "IOInterruptControllers" = ("APCIECMSIController-apciec1")
|| | | "Thunderbolt Entry ID" = 0x1000007d1
|| | | "IOPCIResourced" = Yes
|| | | "AAPL,slot-name" = <536c6f742d310000>
|| | | "function-dart_release_sid" = <550000006c655253>
|| | | "AAPL,phandle" = <54000000>
|| | | "ranges" =
<0000008200001000000000000000820001000000000000000f03f00000000000000c200000040000000000000000c2000000400000000000000040000000000000000810000000000000000000000810000000000000000000000000000000>
|| | | "name" = <70636963312d62726964676500>
|| | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"ChildProxyPowerState"=0x2,"MaxPowerState"=0x3}
|| | | "default-apcie-options" = <01001080>
|| | | "IOPCITunnelLinkChange" = <>
|| | | "compatible" = <70636965632d62726964676500>
|| | | "marvel-wa-viddids" =
<4b1b20914b1b23914b1b28914b1b30914b1b72914b1b7a914b1b82914b1ba0914b1b20924b1b3092281c22017b19922303114506031142063400300084b1b35924b1b7191>
|| | | "PCI-Thunderbolt" = <>
|| | | "AppleEmbeddedPCIEPort" = "AppleT8103PCIeCPort is not serializable"
|| | | "IOReportLegendPublic" = Yes
|| | | "function-dart_request_sid" = <5500000071655253>
|| | | "msi-vector-base" = <00000000>
|| | | "IOPCIDeviceDeviceTreeEntry" = "IOService is not serializable"
|| | | "reg" = <00000000000000000000000000000000000000000000>
|| | | "IOPCIOnline" = Yes
|| | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"),(0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"),(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IO$
|| | | "device-id" = <10100000>
|| | | "#address-cells" = <03000000>
|| | | "revision-id" = <00000000>
|| | | "IOInterruptSpecifiers" = (<3203000000000100>)
|| | | "IOPCIMSIMode" = Yes
|| | | }
|| | |
|| | +-o IOPP <class ApplePCIECHostBridge, id 0x1000007f6, registered, matched, active, busy 0 (11 ms), retain 8>
|| | | {
|| | | "IOClass" = "ApplePCIECHostBridge"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleT8103PCIeC"
|| | | "IOProviderClass" = "IOPCIDevice"
|| | | "IOPCIPowerOnProbe" = No
|| | | "IOPowerManagement" =
{"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x3,"DriverPowerState"=0x0}
|| | | "IOProbeScore" = 0x1388
|| | | "IONameMatch" = "pciec-bridge"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IONameMatched" = "pciec-bridge"

```
|| |        "IOPersonalityPublisher" = "com.apple.driver.AppleT8103PCIeC"
|| |        "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8103PCIeC"
|| |      }
|| |
|| +-o dart-apciec1@21008000  <class AppleARMIODevice, id 0x10000028f, registered, matched, active, busy 0 (209 ms), retain 9>
|| ||{
|| ||  "dart-id" = <03000000>
|| ||  "IOInterruptSpecifiers" = (<53030000>)
|| ||  "protection-granularity" = <80000000>
|| ||  "AAPL,phandle" = <55000000>
|| ||  "IODeviceMemory" = (({"address"=0x521008000,"length"=0x4000}))
|| ||  "instance" = <5452414444441525400000000>
|| ||  "IOReportLegendPublic" = Yes
|| ||  "tlb-invalid-refetch" = <>
|| ||  "dart-options" = <17000000>
|| ||  "IOInterruptControllers" = ("IOInterruptController00000067")
|| ||  "name" = <646172742d6170636965633100>
|| ||  "interrupt-parent" = <67000000>
|| ||  "vm-reserve" = <00400000000000000000000008000000000>
|| ||  "compatible" = <646172742c743830323000>
|| ||  "page-size" = <00400000>
|| ||  "interrupts" = <53030000>
|| ||  "diag-config" = <00210080>
|| ||  "manual-availability" = <01000000>
|| ||  "dead-mappings" = <000000000000000000040000000000000>
|| ||  "vm-base" = <00000000>
|| ||  "dart-tunables-instance-0" =
<600000000040000000061008000000000006100800000000068000000400000000f0f0f00000000000f0f0f00000000006c00000004000000ffffff00000000000808080000000000>
|| ||  "sid-count" = <40000000>
|| ||  "relaxed-rw-protections" = <>
|| ||  "error-reflector" = <00c0ff3c02000000>
|| ||  "device_type" = <6461727400>
|| ||  "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"       First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"       Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"  Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| ||  "reg" = <00800021050000000040000000000000>
|| ||  "sids" = <0080000000000000>
|| ||}
|| ||
|| |+-o AppleT8020DART  <class AppleT8020DART, id 0x10000031b, registered, matched, active, busy 0 (25 ms),
retain 11>
|| |  |{
|| |  |  "IOClass" = "AppleT8020DART"
|| |  |  "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| |  |  "IOProviderClass" = "AppleARMIODevice"
|| |  |  "IOPlatformActiveAction" = 0x13880
|| |  |  "noncompliant-dead-mappings" = No
|| |  |  "IOPlatformSleepAction" = 0x13880
|| |  |  "IOProbeScore" = 0x0
|| |  |  "IONameMatch" = "dart,t8020"
|| |  |  "IOMatchedAtBoot" = Yes
|| |  |  "IOMatchCategory" = "IODefaultMatchCategory"
|| |  |  "IOUserClientClass" = "IODARTClient"
|| |  |  "IOFunctionParent00000055" = <>
|| |  |  "IONameMatched" = "dart,t8020"
|| |  |  "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| |  |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| |  |  "iommu-dart-identity" = <55000000>
|| |  |}
|| |  |
|| |  +-o mapper-apciec1-piodma@F  <class IODARTMapperNub, id 0x1000003ac, registered, matched, active, busy 0
(25 ms), retain 8>
|| |  |{
|| |  |  "device_type" = <646172742d6d617070657200>
|| |  |  "reg" = <0f000000>
|| |  |  "name" = <6d61707065722d617063696563312d70696f646d6100>
|| |  |  "AAPL,phandle" = <56000000>
|| |  |  "compatible" = <696f6d6d752d6d617070657200>
|| |  |}
|| |  |
|| |  +-o IODARTMapper  <class IODARTMapper, id 0x1000003d8, registered, matched, active, busy 0 (9 ms), retain
71>
|| |    {
|| |      "IOClass" = "IODARTMapper"
|| |      "CFBundleIdentifier" = com.apple.driver.IODARTFamily"
|| |      "IOProviderClass" = "IODARTMapperNub"
|| |      "IOUserClientClass" = "IODARTMapperClient"
|| |      "IOProbeScore" = 0x0
|| |      "IONameMatch" = "iommu-mapper"
|| |      "IOMatchedAtBoot" = Yes
|| |      "IOMatchCategory" = "IODefaultMatchCategory"
|| |      "IONameMatched" = "iommu-mapper"
|| |      "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| |      "IOMapperID" = <56000000>
|| |      "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
```

```
|| |      }
|| |
|| +-o apciec1-piodma@22000000  <class AppleARMIODevice, id 0x100000290, registered, matched, active, busy 0
(260 ms), retain 8>
|| ||{
|| ||   "IOInterruptSpecifiers" = (<54030000>)
|| ||   "piodma-fifo-size" = <10000000>
|| ||   "AAPL,phandle" = <57000000>
|| ||   "IODeviceMemory" = (({"address"=0x522000000,"length"=0x4000}),
({"address"=0x522004000,"length"=0x4000}),({"address"=0x522008000,"length"=0x4000}),
({"address"=0x520008000,"length"=0x4000}))
|| ||   "piodma-max-segment-size" = <00000000>
|| ||   "IOReportLegendPublic" = Yes
|| ||   "piodma-max-transfer-size" = <80000000>
|| ||   "iommu-parent" = <56000000>
|| ||   "atc-apcie-apiodma-tunables" =
<0000000004000000020000000000000000000000000000001000000040000000ffffff0700000000f3ff00000000000
001400000004000000ffffff0700000000f3ff00000000000018000000040000000ffffff0700000000f3ff0000000000001c0
0000004000000ffff010000000000f0ff00000000000020000000040000000ffff010000000000f0ff000000000000>
|| ||   "IOInterruptControllers" = ("IOInterruptController00000067")
|| ||   "name" = <617063696563312d70696f646d6100>
|| ||   "interrupt-parent" = <67000000>
|| ||   "piodma-byte-alignment" = <04000000>
|| ||   "compatible" = <70636965632d6170696f646d612c743831303300>
|| ||   "interrupts" = <54030000>
|| ||   "atc-apcie-oe-fabric-tunables" =
<04000000040000000700070000000000004004000000000008000000040000000100000000000000010000000000
000000c0000000040000000100000000000000100000000000000010000000040000001f800000000000000040000000
000000001800000040000007f007f000000000045004500000000001c00000040000001f8000000000000000040000
00000000002400000040000001f8000000000000000400000000000002c00000040000001000000000000000010
000000000000030000000040000000100000000000000010000000000000340000000400000001f80000000000000000
0400000000000000>
|| ||   "piodma-num-address-bits" = <20000000>
|| ||   "device_type" = <617063696563312d70696f646d6100>
|| ||   "piodma-id" = <01000000>
|| ||   "reg" =
<00000022050000000040000000000000040002205000000004000000000000000800022050000000040000000
00000080002005000000040000000000000>
|| ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| ||}
|| ||
|| |+-o ApplePCIeCPIODMA@1  <class ApplePCIeCPIODMA, id 0x100000360, registered, matched, active, busy 0 (58
ms), retain 6>
|| |   {
|| |     "IOProbeScore" = 0x0
|| |     "CFBundleIdentifier" = "com.apple.driver.AppleT8103PCIeCPIODMA"
|| |     "IOProviderClass" = "AppleARMIODevice"
|| |     "IOClass" = "ApplePCIeCPIODMA"
|| |     "IOPersonalityPublisher" = "com.apple.driver.AppleT8103PCIeCPIODMA"
|| |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8103PCIeCPIODMA"
|| |     "IOMatchedAtBoot" = Yes
|| |     "IONameMatch" = "pciec-apiodma,t8103"
|| |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |     "IONameMatched" = "pciec-apiodma,t8103"
|| |     "piodma-id" = <01000000>
|| |   }
|| |
|| +-o acio1@1F00000  <class AppleARMIODevice, id 0x100000291, registered, matched, active, busy 0 (489 ms),
retain 9>
|| ||{
|| ||   "hi_up_tx_desc_fabric_tunables" =
<04000000040000000f000000000000008000000000000008000000040000001f800000000000000040000000000
00001000000004000000f0000000000000080000000000000140000000400000001f8000000000000000400000000
00000001c0000000400000000f000000000000008000000000000020000000040000001f800000000000000040000
000000000280000000400000000f000000000000008000000000000002c00000040000001f8000000000000000040
0000000000000340000000400000000f00000000000000800000000000003800000004000000001f800000000000000
04000000000000000400000000040000000f$
|| ||   "hi_dn_merge_fabric_tunables" =
<04000000040000000700000000000000040000000000000800000004000000780000000000000001000000000
0000100000000040000000700000000000000040000000000000140000000400000078000000000000000100000000
000001c00000004000000070000000000000004000000000000020000000040000007800000000000000100000000
0000000280000004000000070000000000000004000000000000002c000000040000007800000000000000100
00000000000034000000040000007000000000000000400000000000003800000040000007800000000000000
0001000000000000040000000400000004000000070000$
|| ||   "function-dock_parent" = <1801000050636361>
|| ||   "atc-phy-parent" = <b2000000>
|| ||   "link-speed-default" = <080c0c00>
|| ||   "interrupt-parent" = <67000000>
|| ||   "port-defaults" = <16b0802b16b0802b0840802b0840802b0948802b0948802b0b58802b>
|| ||   "function-dart_force_active" = <5900000074636146>
|| ||   "interrupts" =
<6b0300006c0300006d0300006e0300006f030007003000071030007203000730300074030000750300007603000
05f030006003000061030006203000630300006403000650300066030006703000068030000690300006a
030000>
|| ||   "top_tunables" =
```

<0000000004000000f0ff0000000000010300000000000002c00000004000000040000000000000000000000000000000>

|| || "iommu-parent" = <5a000000>
|| || "link-width-default" = <01010200>
|| || "lbw_fabric_tunables" =
<0400000004000000070007000000000004000400000000000800000040000001f8000000000000004000000000000000010000000400000007000700000000000400040000000000180000004000000f800000000000000400000000000000020000000400000007000700000000000400040000000028000000400000001f800000000000000400000000000000030000000040000001f8000000000000040000000000000038000000400000001f8000000000000000400000000000000400000004000001f80000000000000040000000000000048000000400000001f800000000000000040000000000000000050000000040000001f8000000000$

|| || "spec-version" = <20000000>
|| || "clock-gates" = <e4000000e5000000e600000052010000>
|| || "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController000$

|| || "IOPCITunnelControllerID" = 0x10000035f
|| || "IODeviceMemory" = (({"address"=0x501f0000,"length"=0x100000}),
({"address"=0x501db0000,"length"=0x30004}),({"address"=0x501ac0000,"length"=0x4000}),
({"address"=0x501ac4000,"length"=0x4000}),({"address"=0x501ac8000,"length"=0x4000}),
({"address"=0x501e44000,"length"=0x4000}))

|| || "AAPL,phandle" = <58000000>
|| || "name" = <6163696f3100>
|| || "power-gates" = <e4000000e5000000e6000000>
|| || "hbw_fabric_tunables" =
<040000000400000007f007f000000000040004000000000008000000400000001f8000000000000004000000000000000010000000400000007f0000000000000040000000000000140000004000001f8000000000000000400000000000000001c0000000400000001f0000000000000001000000000000000024000000040000001f80000000000000040000000000002c000000040000001f0000000000000001000000000000003000000040000001f800000000000000040000000000038000000040000000ffffffff0000000001010101000000003c00000004000000ffff0000000000000101000000000000040000000004000000100000000000$

|| || "portmap" = <01000000010000000101100001012000010e0001010e0002000000>
|| || "hi_up_tx_data_fabric_tunables" =
<0400000004000000f0000000000000003000000000000008000000400000001f8000000000000004000000000000000001000000040000003f0000000000000003000000000000001400000040000001f80000000000000040000000000001c0000000400000003f000000000000000030000000000000020000000400000001f80000000000000040000000000000028000000040000003f0000000000000003000000000000002c00000004000000f8000000000000040000000000000340000000400000003f000000000000000300000000000000380000000400000001f80000000000000040000000000000004000000000000000040000000040000003f$

|| || "hi_up_wr_fabric_tunables" =
<040000000400000001f0000000000000001000000000000008000000400000001f8000000000000004000000000000000010000000400000001f0000000000000001000000000000001400000040000001f800000000000000400000000000001c0000000400000001f0000000000000001000000000000002000000040000001f80000000000000040000000000000280000000400000001f0000000000000001000000000000002c000000040000001f800000000000000040000000000003400000004000001f0000000000000001000000000000003800000040000001f8000000000000004000000000000000400000000400000001f00000$

|| || "device_type" = <6163696f00>
|| || "compatible" = <6163696f00>
|| || "revision" = <00000000>
|| || "port-type" = <02000000>
|| || "function-pcie_port_control" = <530000004374725054000000>
|| || "fw_int_ctl_management_tunables" =
<0000000004000000f000010000000002000010000000004000000040000000f000100000000200010000000008000000400000000f0001000000020001000000000c0000000400000000f0001000000002000010000000001000000040000000f0001000000020001000000001400000040000000f0001000000002000010000000018000000400000000f000100000000200010000000001c00000040000000f0001000000002000010000000020000000400000000f000100000000200010000000024000000400000000f0001000000002000100000000028000000040000000$

|| || "gpio-lstx" = <2900000000010000414f5000>
|| || "rid" = <01000000>
|| || "vid-did" = <ac050020>
|| || "reg" =
<0000f0010500000000001000000000000000db010500000004000300000000000000ac0105000000004000000000000000040ac010500000004000000000000080ac010500000004000000000000040e40105000000004000000000000000>

|| || "hi_up_merge_fabric_tunables" =
<0400000004000001f0000000000000001000000000000008000000400000001f8000000000000004000000000000000010000000400000003f0000000000000003000000000000001400000040000001f800000000000000400000000000001c000000040000001f0000000000000001000000000000002000000040000001f80000000000000040000000000000280000000400000007f000000000000000600000000000002c00000004000001f8000000000000040000000000000340000000400000078000000000000000100000000000000>

|| || "hi_up_rx_desc_fabric_tunables" =
<0400000004000000f0000000000000008000000000000008000000400000001f80000000000000040000000000000010000000400000000f0000000000000008000000000000014000000400000001f800000000000000400000000000001c000000040000000f0000000000000008000000000000020000000400000001f80000000000000040000000000000280000000400000000f0000000000000008000000000000002c000000040000001f8000000000000040000000000000340000000400000000f000000000000008000000000000003800000040000001f80000000000000040000000000000004000000000000000040000000040000000f$

|| || "port-number" = <02000000>
|| || "thunderbolt-drom" =
<b5019718758660010053 3bb8e9013d0001000f0001000881810281000000008829101810000000038320028405850 9010005860 9010002870d014170706c6520496e632e000602694f53000000>

|| || "pcie_adapter_regs_tunables" = <0810000004000000060000000000000000600000000000000>
|| || "IOInterruptSpecifiers" =
(<6b030000>,<6c030000>,<6d030000>,<6e030000>,<6f030000>,<70030000>,<71030000>,<72030000>,<73030000>,<74030000>,<75030000>,<76030000>,<5f030000>,<60030000>,<61030000>,<62030000>,<63030000>,<64030000>,<65030000>,<66030000>,<67030000>,<68030000>,<69030000>,<6a030000>)

```
      || ||   "acio-cpu" = <5c000000>
      || || }
      || ||
      || | +-o AppleThunderboltHALType5  <class AppleThunderboltHALType5, id 0x10000035f, !registered, !matched,
active, busy 0 (60 ms), retain 10>
      || |||{
      || |||   "IOClass" = "AppleThunderboltHALType5"
      || |||   "CFBundleIdentifier" = "com.apple.driver.AppleThunderboltNHI"
      || |||   "IOProviderClass" = "AppleARMIODevice"
      || |||   "IOPlatformWakeAction" = 0x30d40
      || |||   "IOPCITunnelCompatible" = Yes
      || |||   "IOPlatformSleepAction" = 0x30d40
      || |||   "IOProbeScore" = 0x1000
      || |||   "IONameMatch" = "acio"
      || |||   "IOMatchedAtBoot" = Yes
      || |||   "IOMatchCategory" = "IODefaultMatchCategory"
      || |||   "IOPowerManagement" =
{"ChildrenPowerState"=0x3,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x0,"MaxPowerState"=0
x3,"PowerOverrideOn"=Yes}
      || |||   "Statistics" = {"Total Rx Packets"="0","Total Tx Packets"="0"}
      || |||   "IONameMatched" = "acio"
      || |||   "IOPersonalityPublisher" = "com.apple.driver.AppleThunderboltNHI"
      || |||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleThunderboltNHI"
      || |||   "Hardware Owner" = "AppleThunderboltNHIType5"
      || |||}
      || |||
      || | +-o AppleThunderboltNHIType5  <class AppleThunderboltNHIType5, id 0x100000780, registered, matched, active,
busy 0 (60 ms), retain 13>
      || || |{
      || || |}
      || || |
      || ||  +-o IOThunderboltControllerType5  <class IOThunderboltControllerType5, id 0x1000007ba, registered, matched,
active, busy 0 (60 ms), retain 17>
      || ||  |{
      || ||  |   "User Client Version" = 0x6
      || ||  |   "Generation" = 0x1
      || ||  |   "IOCFPlugInTypes" = {"3A0F596B-5D02-41D3-99D4-E27D4F218A54"="IOThunderboltFamily.kext/Contents/
PlugIns/IOThunderboltLib.plugin"}
      || ||  |   "JTAG Device Count" = 0x0
      || ||  |   "IOUserClientClass" = "IOThunderboltFamilyUserClient"
      || ||  |   "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"DesiredPowerState"=0x2,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x2,"DriverPowerState"=0x2}
      || ||  |   "Using Bus Power" = No
      || ||  |   "TMU Mode" = 0x0
      || ||  |}
      || ||  |
      || ||  +-o IOThunderboltLocalNode  <class IOThunderboltLocalNode, id 0x1000007bd, registered, matched, active,
busy 0 (16 ms), retain 7>
      || ||  ||{
      || ||  ||   "XDP" =
<0144585518000000646e65766469726f01000076270a0000646e65766469726f030000741a00000069766564646965
63010000760a0000006976656464696563040000741d00000069766564676726563010000760001008068878616d6469
706f01000007600f0000006c7070416e49206500002e634263614d416b6f6f3017267900000312c0000000000000000000
000000000000>
      || ||  ||   "Domain UUID" = "BBF0FFE2-C607-45B1-B293-21DC0E13DFD1"
      || ||  ||}
      || ||  ||
      || ||  | +-o AppleThunderboltIPService  <class AppleThunderboltIPService, id 0x10000081f, registered, matched,
active, busy 0 (6 ms), retain 7>
      || ||  | |{
      || ||  | |   "IOProbeScore" = 0x1000
      || ||  | |   "CFBundleIdentifier" = "com.apple.driver.AppleThunderboltIP"
      || ||  | |   "IOMatchCategory" = "AppleThunderboltIPService"
      || ||  | |   "IOClass" = "AppleThunderboltIPService"
      || ||  | |   "IOPersonalityPublisher" = "com.apple.driver.AppleThunderboltIP"
      || ||  | |   "IOProviderClass" = "IOThunderboltLocalNode"
      || ||  | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleThunderboltIP"
      || ||  | |   "IOMatchedAtBoot" = Yes
      || ||  | |   "Protocol Settings" = 0xffffffff80000003
      || ||  | |   "IOResourceMatch" = "IOKit"
      || ||  | |}
      || ||  | |
      || ||  | +-o AppleThunderboltIPPort  <class AppleThunderboltIPPort, id 0x100000820, registered, matched, active,
busy 0 (7 ms), retain 7>
      || ||  | |{
      || ||  | |   "IOLocation" = "2"
      || ||  | |   "IOModel" = "ThunderboltIP"
      || ||  | |   "IOPacketFilters" = {"IONetworkFilterGroup"=0x23,"IOEthernetWakeOnLANFilterGroup"=0x0}
      || ||  | |   "IOMACAddress" = <365adb605284>
      || ||  | |   "IOLinkSpeed" = 0x12a05f2000
      || ||  | |   "AVBControllerState" = 0x1
      || ||  | |   "IOVendor" = "Apple"
      || ||  | |   "IOSelectedMedium" = "00100020"
      || ||  | |   "IOMinPacketSize" = 0x40
      || ||  | |   "IOFeatures" = 0x38
      || ||  | |   "IORevision" = "4.0.3"
      || ||  | |   "IOLinkStatus" = 0x1
      || ||  | |   "IOMaxPacketSize" = 0x10000
      || ||  | |   "IOActiveMedium" = "00100020"
```

```
|| ||   |   |   "IOMediumDictionary" =
{"00100020"={"Index"=0x0,"Type"=0x100020,"Flags"=0x0,"Speed"=0x12a05f2000}}
|| ||   |   |}
|| ||   |   |
|| ||   |   +-o en2  <class IOEthernetInterface, id 0x100000827, registered, matched, active, busy 0 (7 ms), retain 11>
|| ||   |   |{
|| ||   |   |   "IOLocation" = "2"
|| ||   |   |   "IORequiredPacketFilters" = {"IONetworkFilterGroup"=0x3,"IOEthernetWakeOnLANFilterGroup"=0x0}
|| ||   |   |   "IOLinkActiveCount" = 0x0
|| ||   |   |   "BSD Name" = "en2"
|| ||   |   |   "IOMaxTransferUnit" = 0x5dc
|| ||   |   |   "IOInterfaceType" = 0x6
|| ||   |   |   "IOInterfaceFlags" = 0x8963
|| ||   |   |   "IOMediaAddressLength" = 0x6
|| ||   |   |   "IOInterfaceState" = 0x3
|| ||   |   |   "IOMediaHeaderLength" = 0xe
|| ||   |   |   "IOActivePacketFilters" = {"IONetworkFilterGroup"=0x3,"IOEthernetWakeOnLANFilterGroup"=0x0}
|| ||   |   |   "IOInterfaceExtraFlags" = 0x41000080
|| ||   |   |   "IOPrimaryInterface" = No
|| ||   |   |   "IOControllerEnabled" = Yes
|| ||   |   |   "IOInterfaceUnit" = 0x2
|| ||   |   |   "IOInterfaceNamePrefix" = "en"
|| ||   |   |   "IOBuiltin" = Yes
|| ||   |   |   "IONetworkData" =
{"IONetworkStatsKey"={"Size"=0x14,"Data"=<0000000000000000000000000000000000000000>,"Access
Types"=0x9},"IOEthernetStatsKey"={"Size"=0xd8,"Data"=<00000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
000000000000000000000000000000000$
|| ||   |   |}
|| ||   |   |
|| ||   |   +-o IONetworkStack  <class IONetworkStack, id 0x100000609, registered, matched, active, busy 0 (4 ms),
retain 20>
|| ||   |   |{
|| ||   |   |   "IOProbeScore" = 0x0
|| ||   |   |   "CFBundleIdentifier" = "com.apple.iokit.IONetworkingFamily"
|| ||   |   |   "IOMatchCategory" = "IONetworkStack"
|| ||   |   |   "IOClass" = "IONetworkStack"
|| ||   |   |   "IOPersonalityPublisher" = "com.apple.iokit.IONetworkingFamily"
|| ||   |   |   "IOProviderClass" = "IOResources"
|| ||   |   |   "CFBundleIdentifierKernel" = "com.apple.iokit.IONetworkingFamily"
|| ||   |   |   "IOMatchedAtBoot" = Yes
|| ||   |   |   "IOUserClientClass" = "IONetworkStackUserClient"
|| ||   |   |   "IOResourceMatch" = "IOBSD"
|| ||   |   |}
|| ||   |   |
|| ||   |   +-o IONetworkStackUserClient  <class IONetworkStackUserClient, id 0x100000aac, !registered, !
matched, active, busy 0, retain 5>
|| ||   |     {
|| ||   |       "IOUserClientCreator" = "pid 325, configd"
|| ||   |       "IOUserClientDefaultLocking" = Yes
|| ||   |     }
|| ||   |
|| ||   +-o IOThunderboltPort@7  <class IOThunderboltPort, id 0x1000007bf, registered, matched, active, busy 0 (47
ms), retain 8>
|| ||   ||{
|| ||   ||   "Max Credits" = 0xae
|| ||   ||   "Description" = "Thunderbolt Native Host Interface Adapter"
|| ||   ||   "Port Number" = 0x7
|| ||   ||   "Max In Hop ID" = 0xb
|| ||   ||   "Hop Table" = ()
|| ||   ||   "Thunderbolt Version" = 0x20
|| ||   ||   "Maximum Bandwidth Allocated" = 0x0
|| ||   ||   "Required Bandwidth Allocated" = 0x0
|| ||   ||   "Device ID" = 0x2000
|| ||   ||   "Revision ID" = 0x0
|| ||   ||   "Max Out Hop ID" = 0xb
|| ||   ||   "Vendor ID" = 0x5ac
|| ||   ||   "Adapter Type" = 0x2
|| ||   ||}
|| ||   ||
|| ||   |+-o IOThunderboltSwitchType5  <class IOThunderboltSwitchType5, id 0x1000007c1, registered, matched,
active, busy 0 (40 ms), retain 25>
|| ||   | |{
|| ||   | |   "Device Vendor ID" = 0x1
|| ||   | |   "Device Vendor Name" = "Apple Inc."
|| ||   | |   "Device Model Name" = "iOS"
|| ||   | |   "IOPowerManagement" =
{"DesiredPowerState"=0x2,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x2,"DriverPowerState"=0x
2}
|| ||   | |   "UID" = 0x5ac8733571814a1
|| ||   | |   "Upstream Port Number" = 0x7
|| ||   | |   "Max Port Number" = 0x7
|| ||   | |   "DROM" =
<cca11418573387ac05533bb8e9013d0001000f0001000881810281000000088291018100000003832002840585090100
058609010002870d014170706c6520496e632e000602694f53000000>
|| ||   | |   "Thunderbolt Version" = 0x20
|| ||   | |   "ROM Version" = 0x0
|| ||   | |   "Device ID" = 0x2000
```

```
|| ||   |  |  "Revision ID" = 0x0
|| ||   |  |  "Route String" = 0x0
|| ||   |  |  "Device Model ID" = 0xf
|| ||   |  |  "Device Model Revision" = 0x1
|| ||   |  |  "EEPROM Revision" = 0x0
|| ||   |  |  "Router ID" = 0x1
|| ||   |  |  "Vendor ID" = 0x5ac
|| ||   |  |  "Depth" = 0x0
|| ||   |  |}
|| ||   |  |
|| ||   |  +-o IOThunderboltPort@1  <class IOThunderboltPort, id 0x1000007c3, registered, matched, active, busy 0
(23 ms), retain 7>
|| ||   |  | {
|| ||   |  |   "Max In Hop ID" = 0x16
|| ||   |  |   "Supported Link Width" = 0x2
|| ||   |  |   "Max Credits" = 0xae
|| ||   |  |   "Target Link Width" = 0x1
|| ||   |  |   "Current Link Width" = 0x1
|| ||   |  |   "Required Bandwidth Allocated" = 0x0
|| ||   |  |   "Lane" = 0x1
|| ||   |  |   "TRM Identification Restricted" = 0x0
|| ||   |  |   "Max Out Hop ID" = 0x16
|| ||   |  |   "Revision ID" = 0x0
|| ||   |  |   "Maximum Bandwidth Allocated" = 0x0
|| ||   |  |   "TRM Transport Restricted" = 0x0
|| ||   |  |   "TRM Hash Set" = No
|| ||   |  |   "Port Number" = 0x1
|| ||   |  |   "TRM Transport Active 0" = No
|| ||   |  |   "Thunderbolt Version" = 0x20
|| ||   |  |   "TRM Transport Active 1" = No
|| ||   |  |   "Socket ID" = "2"
|| ||   |  |   "Target Link Speed" = 0xc
|| ||   |  |   "Link Bandwidth" = 0x64
|| ||   |  |   "Dual-Link Port" = 0x2
|| ||   |  |   "Supported Link Speed" = 0xc
|| ||   |  |   "Description" = "Thunderbolt Port"
|| ||   |  |   "CLx State" = 0x0
|| ||   |  |   "Adapter Type" = 0x1
|| ||   |  |   "Hop Table" = ()
|| ||   |  |   "Dual-Link Port RID" = 0x1
|| ||   |  |   "Vendor ID" = 0x5ac
|| ||   |  |   "Device ID" = 0x2000
|| ||   |  |   "TRM Policy" = "Root"
|| ||   |  |   "Current Link Speed" = 0x8
|| ||   |  | }
|| ||   |  |
|| ||   |  +-o IOThunderboltPort@2  <class IOThunderboltPort, id 0x1000007cf, registered, matched, active, busy 0
(20 ms), retain 6>
|| ||   |  | {
|| ||   |  |   "Max In Hop ID" = 0x16
|| ||   |  |   "Supported Link Width" = 0x2
|| ||   |  |   "Max Credits" = 0xae
|| ||   |  |   "Target Link Width" = 0x1
|| ||   |  |   "Current Link Width" = 0x1
|| ||   |  |   "Required Bandwidth Allocated" = 0x0
|| ||   |  |   "Lane" = 0x2
|| ||   |  |   "Socket ID" = "2"
|| ||   |  |   "Max Out Hop ID" = 0x16
|| ||   |  |   "Revision ID" = 0x0
|| ||   |  |   "Maximum Bandwidth Allocated" = 0x0
|| ||   |  |   "Port Number" = 0x2
|| ||   |  |   "Target Link Speed" = 0xc
|| ||   |  |   "Thunderbolt Version" = 0x20
|| ||   |  |   "Link Bandwidth" = 0x64
|| ||   |  |   "Dual-Link Port" = 0x1
|| ||   |  |   "Supported Link Speed" = 0xc
|| ||   |  |   "Description" = "Thunderbolt Port"
|| ||   |  |   "CLx State" = 0x0
|| ||   |  |   "Adapter Type" = 0x1
|| ||   |  |   "Hop Table" = ()
|| ||   |  |   "Dual-Link Port RID" = 0x1
|| ||   |  |   "Vendor ID" = 0x5ac
|| ||   |  |   "Device ID" = 0x2000
|| ||   |  |   "Current Link Speed" = 0x8
|| ||   |  | }
|| ||   |  |
|| ||   |  +-o IOThunderboltPort@3  <class IOThunderboltPort, id 0x1000007d1, registered, matched, active, busy 0
(18 ms), retain 8>
|| ||   |  ||{
|| ||   |  ||  "Max Credits" = 0xae
|| ||   |  ||  "Description" = "PCIe Adapter"
|| ||   |  ||  "Port Affinity" = (0x1)
|| ||   |  ||  "Port Number" = 0x3
|| ||   |  ||  "Max In Hop ID" = 0x8
|| ||   |  ||  "Hop Table" = ()
|| ||   |  ||  "Thunderbolt Version" = 0x20
|| ||   |  ||  "Maximum Bandwidth Allocated" = 0x0
|| ||   |  ||  "Required Bandwidth Allocated" = 0x0
|| ||   |  ||  "Device ID" = 0x2000
|| ||   |  ||  "Revision ID" = 0x0
```

```
|| ||   |  ||  "Max Out Hop ID" = 0x8
|| ||   |  ||  "PCI Path" = "IOService:/AppleARMPE/arm-io@10F00000/AppleT810xIO/apciec1@30000000/
AppleT8103PCIeC/pcic1-bridge@0"
|| ||   |  ||  "PCI Entry ID" = 0x1000007cd
|| ||   |  ||  "Vendor ID" = 0x5ac
|| ||   |  ||  "Adapter Type" = 0x100101
|| ||   |  ||}
|| ||   |  ||
|| ||   |  +-o AppleThunderboltPCIDownAdapterType5  <class AppleThunderboltPCIDownAdapterType5, id
0x10000080e, registered, matched, active, busy 0 (2 ms), retain 5>
|| ||   |  |  {
|| ||   |  |    "IOProbeScore" = 0x2000
|| ||   |  |    "CFBundleIdentifier" = "com.apple.driver.AppleThunderboltPCIDownAdapter"
|| ||   |  |    "IOProviderClass" = "IOThunderboltPort"
|| ||   |  |    "IOClass" = "AppleThunderboltPCIDownAdapterType5"
|| ||   |  |    "IOPersonalityPublisher" = "com.apple.driver.AppleThunderboltPCIDownAdapter"
|| ||   |  |    "Adapter Type" = 0x100101
|| ||   |  |    "Device ID" = "0x00002000&0x0000ff00"
|| ||   |  |    "Vendor ID" = 0x5ac
|| ||   |  |    "CFBundleIdentifierKernel" = "com.apple.driver.AppleThunderboltPCIDownAdapter"
|| ||   |  |    "IOMatchedAtBoot" = Yes
|| ||   |  |    "IOMatchCategory" = "IODefaultMatchCategory"
|| ||   |  |  }
|| ||   |  |
|| ||   |  +-o IOThunderboltPort@4  <class IOThunderboltPort, id 0x1000007d3, registered, matched, active, busy 0
(40 ms), retain 8>
|| ||   |  ||{
|| ||   |  ||  "Max Credits" = 0xae
|| ||   |  ||  "Description" = "USB Adapter"
|| ||   |  ||  "Port Affinity" = (0x1)
|| ||   |  ||  "Port Number" = 0x4
|| ||   |  ||  "Max In Hop ID" = 0x8
|| ||   |  ||  "Hop Table" = ()
|| ||   |  ||  "Thunderbolt Version" = 0x20
|| ||   |  ||  "Maximum Bandwidth Allocated" = 0x0
|| ||   |  ||  "Required Bandwidth Allocated" = 0x0
|| ||   |  ||  "Device ID" = 0x2000
|| ||   |  ||  "Revision ID" = 0x0
|| ||   |  ||  "Max Out Hop ID" = 0x8
|| ||   |  ||  "Vendor ID" = 0x5ac
|| ||   |  ||  "Adapter Type" = 0x200101
|| ||   |  ||}
|| ||   |  ||
|| ||   |  +-o AppleThunderboltUSBDownAdapter  <class AppleThunderboltUSBDownAdapter, id 0x100000804,
registered, matched, active, busy 0 (27 ms), retain 5>
|| ||   |  |  {
|| ||   |  |    "IOProbeScore" = 0x1000
|| ||   |  |    "CFBundleIdentifier" = "com.apple.driver.AppleThunderboltUSBDownAdapter"
|| ||   |  |    "IOProviderClass" = "IOThunderboltPort"
|| ||   |  |    "IOClass" = "AppleThunderboltUSBDownAdapter"
|| ||   |  |    "IOPersonalityPublisher" = "com.apple.driver.AppleThunderboltUSBDownAdapter"
|| ||   |  |    "Adapter Type" = 0x200101
|| ||   |  |    "CFBundleIdentifierKernel" = "com.apple.driver.AppleThunderboltUSBDownAdapter"
|| ||   |  |    "IOMatchedAtBoot" = Yes
|| ||   |  |    "IOMatchCategory" = "IODefaultMatchCategory"
|| ||   |  |  }
|| ||   |  |
|| ||   |  +-o IOThunderboltPort@5  <class IOThunderboltPort, id 0x1000007d5, registered, matched, active, busy 0
(26 ms), retain 10>
|| ||   |  ||{
|| ||   |  ||  "Max Credits" = 0xae
|| ||   |  ||  "Description" = "DP or HDMI Adapter"
|| ||   |  ||  "Port Number" = 0x5
|| ||   |  ||  "Max In Hop ID" = 0x9
|| ||   |  ||  "Hop Table" = ()
|| ||   |  ||  "Thunderbolt Version" = 0x20
|| ||   |  ||  "Maximum Bandwidth Allocated" = 0x0
|| ||   |  ||  "Required Bandwidth Allocated" = 0x0
|| ||   |  ||  "Device ID" = 0x2000
|| ||   |  ||  "Revision ID" = 0x0
|| ||   |  ||  "Max Out Hop ID" = 0x9
|| ||   |  ||  "Vendor ID" = 0x5ac
|| ||   |  ||  "Adapter Type" = 0xe0101
|| ||   |  ||}
|| ||   |  ||
|| ||   |  +-o AppleThunderboltDPInAdapterOS  <class AppleThunderboltDPInAdapterOS, id 0x100000806,
registered, matched, active, busy 0 (3 ms), retain 7>
|| ||   |  |  {
|| ||   |  |    "IOProbeScore" = 0xb
|| ||   |  |    "CFBundleIdentifier" = "com.apple.driver.AppleThunderboltDPInAdapter"
|| ||   |  |    "IOProviderClass" = "IOThunderboltPort"
|| ||   |  |    "IOClass" = "AppleThunderboltDPInAdapterOS"
|| ||   |  |    "IOPersonalityPublisher" = "com.apple.driver.AppleThunderboltDPInAdapter"
|| ||   |  |    "Adapter Type" = 0xe0101
|| ||   |  |    "CFBundleIdentifierKernel" = "com.apple.driver.AppleThunderboltDPInAdapter"
|| ||   |  |    "IOMatchedAtBoot" = Yes
|| ||   |  |    "IOMatchCategory" = "IODefaultMatchCategory"
|| ||   |  |    "Cached Local DP Capabilities" = <00000000>
|| ||   |  |  }
|| ||   |  |
```

```
|| ||   | +-o IOThunderboltPort@6  <class IOThunderboltPort, id 0x1000007d7, registered, matched, active, busy 0
(14 ms), retain 10>
|| ||   |  | {
|| ||   |  |   "Max Credits" = 0xae
|| ||   |  |   "Description" = "DP or HDMI Adapter"
|| ||   |  |   "Port Number" = 0x6
|| ||   |  |   "Max In Hop ID" = 0x9
|| ||   |  |   "Hop Table" = ()
|| ||   |  |   "Thunderbolt Version" = 0x20
|| ||   |  |   "Maximum Bandwidth Allocated" = 0x0
|| ||   |  |   "Required Bandwidth Allocated" = 0x0
|| ||   |  |   "Device ID" = 0x2000
|| ||   |  |   "Revision ID" = 0x0
|| ||   |  |   "Max Out Hop ID" = 0x9
|| ||   |  |   "Vendor ID" = 0x5ac
|| ||   |  |   "Adapter Type" = 0xe0101
|| ||   |  | }
|| ||   |  |
|| ||   |  +-o AppleThunderboltDPInAdapterOS  <class AppleThunderboltDPInAdapterOS, id 0x1000007ea, registered,
matched, active, busy 0 (8 ms), retain 7>
|| ||   |      {
|| ||   |        "IOProbeScore" = 0xb
|| ||   |        "CFBundleIdentifier" = "com.apple.driver.AppleThunderboltDPInAdapter"
|| ||   |        "IOProviderClass" = "IOThunderboltPort"
|| ||   |        "IOClass" = "AppleThunderboltDPInAdapterOS"
|| ||   |        "IOPersonalityPublisher" = "com.apple.driver.AppleThunderboltDPInAdapter"
|| ||   |        "Adapter Type" = 0xe0101
|| ||   |        "CFBundleIdentifierKernel" = "com.apple.driver.AppleThunderboltDPInAdapter"
|| ||   |        "IOMatchedAtBoot" = Yes
|| ||   |        "IOMatchCategory" = "IODefaultMatchCategory"
|| ||   |        "Cached Local DP Capabilities" = <00000000>
|| ||   |      }
|| ||   |
|| ||   +-o AppleThunderboltDPConnectionManager  <class AppleThunderboltDPConnectionManager, id
0x1000007ef, !registered, !matched, active, busy 0, retain 6>
|| ||       {
|| ||         "Registered Ports" = ["<1:0x00000000:0x00000006>","<1:0x00000000:0x00000005>"]
|| ||         "Registered DP Out Adapters" = []
|| ||         "DP Out Adapters Waiting for Evaluation" = ()
|| ||         "Waiting for all DP adapters to register" = No
|| ||         "Registered DP In Adapters" = ["<1:0x00000000:0x00000006>","<1:0x00000000:0x00000005>"]
|| ||         "Evaluating Connections" = No
|| ||       }
|| ||
|| | +-o IOTBTTunnelClientInterfaceManager  <class IOTBTTunnelClientInterfaceManager, id 0x1000007bb, registered,
matched, active, busy 0 (0 ms), retain 8>
|| |  |   {
|| |  |   }
|| |  |
|| +-o dart-acio1@1A80000  <class AppleARMIODevice, id 0x100000292, registered, matched, active, busy 0 (280
ms), retain 9>
|| || {
|| ||   "dart-id" = <04000000>
|| ||   "IOInterruptSpecifiers" = (<7a030000>)
|| ||   "AAPL,phandle" = <59000000>
|| ||   "bypass" = <00800000>
|| ||   "instance" = <54524144444441525400000000>
|| ||   "IODeviceMemory" = (({"address"=0x501a80000,"length"=0x4000}))
|| ||   "IOReportLegendPublic" = Yes
|| ||   "tlb-invalid-refetch" = <>
|| ||   "dart-options" = <07000000>
|| ||   "IOInterruptControllers" = ("IOInterruptController00000067")
|| ||   "name" = <646172742d6163696f3100>
|| ||   "interrupt-parent" = <67000000>
|| ||   "compatible" = <646172742c743830323000>
|| ||   "interrupts" = <7a030000>
|| ||   "page-size" = <00400000>
|| ||   "diag-config" = <00210080>
|| ||   "manual-availability" = <01000000>
|| ||   "dart-tunables-instance-0" =
<600000000400000000610080000000000610080000000068000000040000000f0f0f00000000000f0f0f00000000
006c00000004000000ffffff000000000008080800000000008001000040000000000fff0f000000000010000000000
008401000004000000000fff0f00000000008801000004000000000fff0f000000000010400000000
008c01000004000000000fff0f0000000000020600000000090010000040000000000fff0f0000000000020a00000000
009401000004000000000fff0f0000000000020e000000000098010000040000000000fff0f000000000002120000000000
009c01000004000000000fff0f$
|| ||   "error-reflector" = <00c0ff3c02000000>
|| ||   "device_type" = <6461727400>
|| ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"  Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| ||   "reg" = <0000a801050000000040000000000000>
|| ||   "sids" = <03800000>
|| || }
|| ||
|| | +-o AppleT8020DART  <class AppleT8020DART, id 0x100000363, registered, matched, active, busy 0 (113 ms),
retain 8>
```

```
|| | |{
|| | | "IOClass" = "AppleT8020DART"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOFunctionParent00000059" = <>
|| | | "IOPlatformActiveAction" = 0x13880
|| | | "noncompliant-dead-mappings" = No
|| | | "IOPlatformSleepAction" = 0x13880
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = "dart,t8020"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IOUserClientClass" = "IODARTClient"
|| | | "IONameMatched" = "dart,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| | | "iommu-dart-identity" = <59000000>
|| | |}
|| | |
|| | +-o mapper-acio1@1  <class IODARTMapperNub, id 0x100000397, registered, matched, active, busy 0 (111 ms),
retain 8>
|| | |{
|| | | "device_type" = <646172742d6d617070657200>
|| | | "reg" = <01000000>
|| | | "name" = <6d61707065722d6163696f3100>
|| | | "AAPL,phandle" = <5a000000>
|| | | "compatible" = <696f6d6d752d6d617070657200>
|| | |}
|| | |
|| | +-o IODARTMapper  <class IODARTMapper, id 0x10000050f, registered, matched, active, busy 0 (48 ms), retain
6>
|| | {
|| | "IOClass" = "IODARTMapper"
|| | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | "IOProviderClass" = "IODARTMapperNub"
|| | "iommu-dart-translation" = Yes
|| | "IOUserClientClass" = "IODARTMapperClient"
|| | "IOProbeScore" = 0x0
|| | "IONameMatch" = "iommu-mapper"
|| | "IOMatchedAtBoot" = Yes
|| | "IOMatchCategory" = "IODefaultMatchCategory"
|| | "IONameMatched" = "iommu-mapper"
|| | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | "IOMapperID" = <5a000000>
|| | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | }
|| |
|| +-o acio-cpu1@1100000  <class AppleARMIODevice, id 0x100000293, registered, matched, active, busy 0 (262 ms),
retain 9>
|| ||{
|| || "compatible" = <696f702c6d33777261702d76322d6163696f00>
|| || "interrupt-parent" = <67000000>
|| || "AAPL,phandle" = <5b000000>
|| || "interrupts" = <7d0300007c0300007f0300007e030000>
|| || "clock-gates" = <52010000>
|| || "reg" =
<0000100105000004401000000000000000a01001050000044010000000000000000ac0105000000040000000000
000>
|| || "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptControlle
r00000067")
|| || "device_type" = <6163696f2d63707500>
|| || "IOInterruptSpecifiers" = (<7d030000>,<7c030000>,<7f030000>,<7e030000>)
|| || "IODeviceMemory" = (({"address"=0x501100000,"length"=0x144}),({"address"=0x50110a000,"length"=0x144}),
({"address"=0x501ac0000,"length"=0x4000}))
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200020000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200020001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200020002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200020003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200020004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "IOReportLegendPublic" = Yes
|| || "role" = <4143494f3100>
|| || "name" = <6163696f2d6370753100>
|| ||}
|| ||
|| |+-o AppleM3WrapV2ACIO  <class AppleM3WrapV2ACIO, id 0x10000035e, !registered, !matched, active, busy 0 (84
ms), retain 5>
|| | |{
|| | | "IOProbeScore" = 0x0
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleA7IOP-M3Wrap-v2"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOClass" = "AppleM3WrapV2ACIO"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleA7IOP-M3Wrap-v2"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleA7IOP-M3Wrap-v2"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IONameMatch" = "iop,m3wrap-v2-acio"
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IONameMatched" = "iop,m3wrap-v2-acio"
|| | | "role" = "ACIO1"
```

```
|| | |}
|| | |
|| | +-o iop-acio1-nub  <class AppleA7IOPNub, id 0x1000003a1, registered, matched, active, busy 0 (84 ms), retain 7>
|| | | {
|| | |   "uuid" = <30303030303030302d303030302d303030302d303030302d30303030303030303030303000>
|| | |   "segment-names" = <5f5f544558543b5f5f4441544100>
|| | |   "pre-loaded" = <01000000>
|| | |   "compatible" = <696f702d6e75622c727462756464792d763200>
|| | |   "coredump-enable" = <20000000>
|| | |   "AAPL,phandle" = <5c000000>
|| | |   "KDebugCoreID" = 0x9
|| | |   "running" = <01000000>
|| | |   "no-firmware-service" = <>
|| | |   "reconfig-firmware" = <>
|| | |   "watchdog-enable" = <>
|| | |   "dont-power-on" = <>
|| | |   "segment-ranges" =
<000000010500000000000000000000000000000000000000000080020001000000000080105000000000000100000
0000000000100000000000000020000000000>
|| | |   "coredump-rel-privacy-approved" = <>
|| | |   "name" = <696f702d6163696f312d6e756200>
|| | |   "user-power-managed" = <01000000>
|| | |}
|| | |
|| | +-o RTBuddy(ACIO1)  <class RTBuddy, id 0x1000003c5, registered, matched, active, busy 0 (73 ms), retain 9>
|| | | {
|| | |   "IOClass" = "RTBuddy"
|| | |   "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
|| | |   "IOProviderClass" = "AppleA7IOPNub"
|| | |   "IOPlatformPanicAction" = 0x15ba8
|| | |   "IOUserClientClass" = "RTBuddyUserClient"
|| | |   "IOProbeScore" = 0x0
|| | |   "IONameMatch" = "iop-nub,rtbuddy-v2"
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | |   "IOReportLegend" =
({"IOReportGroupName"="ACIO1","IOReportChannels"=((0x5254537475730000,0x900020002,"status")),"IOReportChann
elInfo"={"IOReportChannelUnit"=0x100007980000018},"IOReportSubGroupName"="IOP State"})
|| | |   "IOReportLegendPublic" = Yes
|| | |   "IONameMatched" = "iop-nub,rtbuddy-v2"
|| | |   "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
|| | |   "role" = "ACIO1"
|| | |   "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
|| | |   "RTBuddyRouteProviderKey" = <5c000000>
|| | |}
|| | |
|| | +-o RTBuddyService  <class RTBuddyService, id 0x1000003e1, registered, matched, active, busy 0 (67 ms),
retain 5>
|| | {
|| | |   "IOProbeScore" = 0x3e8
|| | |   "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
|| | |   "IOMatchCategory" = "RTBuddyService"
|| | |   "IOClass" = "RTBuddyService"
|| | |   "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
|| | |   "IOProviderClass" = "RTBuddy"
|| | |   "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "role" = "ACIO1"
|| | }
|| |
|| +-o display-crossbar0  <class AppleARMIODevice, id 0x100000294, registered, matched, active, busy 0 (196 ms),
retain 8>
|| ||{
|| ||  "ufp-count" = <02000000>
|| ||  "compatible" = <646973706c61792d63726f73736261722c743831303300>
|| ||  "AAPL,phandle" = <5d000000>
|| ||  "dfp-endpoints" = <6174633000006174633100>
|| ||  "device_type" = <4141504c2c646973706c61792d63726f737362617200>
|| ||  "name" = <646973706c61792d63726f73736261723000>
|| ||  "ufp-endpoints" = <646973706578743000>
|| ||}
|| ||
|| |+-o AppleDisplayCrossbar(display-crossbar0)  <class AppleDisplayCrossbar, id 0x10000037f, registered, matched,
active, busy 0 (7 ms), retain 20>
|| | {
|| |   "IOClass" = "AppleDisplayCrossbar"
|| |   "CFBundleIdentifier" = "com.apple.driver.AppleDisplayCrossbar"
|| |   "IOProviderClass" = "AppleARMIODevice"
|| |   "available-ufps" = ("dispext0,0")
|| |   "IOProbeScore" = 0x0
|| |   "IONameMatch" = "AAPL,display-crossbar"
|| |   "IOMatchedAtBoot" = Yes
|| |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |   "EventLog" =
({"EventPayload"={"dfp"=(),"ufp"=()},"EventRaw"=<200000009000000023ae7f070000000000000000000000000000000
000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000>,"EventTime"=0x77fae23,"EventClass"="ApplyState"},
{"EventPayload"={"dfp"=(),"ufp"=()},"EventRaw"=<20000000900000001d627cf50800000000000000000000000000000
00000000000000000000000000000000$
```

```
|| |      "IONameMatched" = "AAPL,display-crossbar"
|| |      "IOPersonalityPublisher" = "com.apple.driver.AppleDisplayCrossbar"
|| |      "CFBundleIdentifierKernel" = "com.apple.driver.AppleDisplayCrossbar"
|| |      "current-state" = {"dfp"=(),"ufp"=()}
|| |      "pending-dfps" = ()
|| |    }
|| |
|| +-o atc0-dpxbar@8304C000  <class AppleARMIODevice, id 0x100000295, registered, matched, active, busy 0 (188
ms), retain 8>
|| || {
|| ||   "device_type" = <4141504c2c6174632d64707862617200>
|| ||   "reg" = <00c0048303000000040000000000000>
|| ||   "IODeviceMemory" = (({"address"=0x38304c000,"length"=0x4000}))
|| ||   "name" = <617463302d64707862617200>
|| ||   "AAPL,phandle" = <5e000000>
|| ||   "compatible" = <6174632d6470786261722c743130303300>
|| || }
|| ||
|| | +-o AppleT8103ATCDPXBAR(atc0-dpxbar)  <class AppleT8103ATCDPXBAR, id 0x1000003b5, registered, matched,
active, busy 0 (0 ms), retain 8>
|| |    {
|| |      "IOProbeScore" = 0x0
|| |      "CFBundleIdentifier" = "com.apple.driver.AppleDisplayCrossbar"
|| |      "IOProviderClass" = "AppleARMIODevice"
|| |      "IOClass" = "AppleT8103ATCDPXBAR"
|| |      "IOPersonalityPublisher" = "com.apple.driver.AppleDisplayCrossbar"
|| |      "CFBundleIdentifierKernel" = "com.apple.driver.AppleDisplayCrossbar"
|| |      "IOMatchedAtBoot" = Yes
|| |      "IONameMatch" = ("atc-dpxbar,t8103")
|| |      "tunables" = 0x0
|| |      "IONameMatched" = "atc-dpxbar,t8103"
|| |      "IOMatchCategory" = "IODefaultMatchCategory"
|| |    }
|| |
|| +-o atc0-dpphy  <class AppleARMIODevice, id 0x100000296, registered, matched, active, busy 0 (419 ms), retain
8>
|| || {
|| ||   "dp-switch-dfp-endpoint" = <00000000>
|| ||   "compatible" = <6174632d6470706879 2c743130303300>
|| ||   "transport-tunneled" = <00000000>
|| ||   "dp-switch-dfp-port" = <00000000>
|| ||   "AAPL,phandle" = <5f000000>
|| ||   "device_type" = <4141504c2c6174632d647070687900>
|| ||   "transport-type" = <05000000>
|| ||   "atc-phy" = <ac000000>
|| ||   "port-type" = <02000000>
|| ||   "dp-switch-parent" = <5d000000>
|| ||   "port-number" = <01000000>
|| ||   "dpxbar-parent" = <5e000000>
|| ||   "name" = <617463302d647070687900>
|| || }
|| ||
|| | +-o AppleATCDPAltModePort(atc0-dpphy)  <class AppleATCDPAltModePort, id 0x100000342, registered, matched,
active, busy 0 (3 ms), retain 7>
|| |    {
|| |      "IOClass" = "AppleATCDPAltModePort"
|| |      "CFBundleIdentifier" = "com.apple.driver.AppleDisplayCrossbar"
|| |      "IOProviderClass" = "AppleARMIODevice"
|| |      "IOPropertyMatch" = {"port-type"=<02000000>}
|| |      "IOProbeScore" = 0x0
|| |      "IONameMatch" = "AAPL,atc-dpphy"
|| |      "IOMatchedAtBoot" = Yes
|| |      "IOMatchCategory" = "IODefaultMatchCategory"
|| |      "EventLog" =
({"EventPayload"={"State"="Registered","Value"=0x1},"EventRaw"=<2100000018000000cb34b80700000000030000000
1000000>,"EventTime"=0x7b834cb,"EventClass"="SetState"})
|| |      "IONameMatched" = "AAPL,atc-dpphy"
|| |      "IOPersonalityPublisher" = "com.apple.driver.AppleDisplayCrossbar"
|| |      "DisplayHints" = {}
|| |      "CFBundleIdentifierKernel" = "com.apple.driver.AppleDisplayCrossbar"
|| |    }
|| |
|| +-o atc0-dpin0@81E50000  <class AppleARMIODevice, id 0x100000297, registered, matched, active, busy 0 (482
ms), retain 8>
|| || {
|| ||   "IOInterruptSpecifiers" = (<27030000>)
|| ||   "dp-switch-dfp-port" = <01000000>
|| ||   "transport-index" = <00000000>
|| ||   "AAPL,phandle" = <60000000>
|| ||   "IODeviceMemory" = (({"address"=0x381e50000,"length"=0x4000}))
|| ||   "transport-tunneled" = <01000000>
|| ||   "dpxbar-parent" = <5e000000>
|| ||   "dp-switch-parent" = <5d000000>
|| ||   "IOReportLegendPublic" = Yes
|| ||   "dp-switch-dfp-endpoint" = <00000000>
|| ||   "acio-parent" = <4e000000>
|| ||   "IOInterruptControllers" = ("IOInterruptController00000067")
|| ||   "name" = <617463302d6470696e3000>
|| ||   "interrupt-parent" = <67000000>
|| ||   "atc-phy" = <ac000000>
```

```
|| || "port-type" = <02000000>
|| || "compatible" = <6174632d6470696e2c743831303300>
|| || "interrupts" = <27030000>
|| || "port-number" = <01000000>
|| || "transport-type" = <05000000>
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "device_type" = <4141504c2c6174632d6470696e00>
|| || "reg" = <0000e5810300000000040000000000000>
|| ||}
|| ||
|| | +-o AppleATCDPINAdapterPort(atc0-dpin0)  <class AppleATCDPINAdapterPort, id 0x100000341, registered,
matched, active, busy 0 (5 ms), retain 7>
|| |   {
|| |     "IOClass" = "AppleATCDPINAdapterPort"
|| |     "CFBundleIdentifier" = "com.apple.driver.AppleDisplayCrossbar"
|| |     "IOProviderClass" = "AppleARMIODevice"
|| |     "IOProbeScore" = 0x0
|| |     "IONameMatch" = "AAPL,atc-dpin"
|| |     "IOMatchedAtBoot" = Yes
|| |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |     "EventLog" =
({"EventPayload"={"State"="Registered","Value"=0x1},"EventRaw"=<2100000018000000f365ce07000000000300000001
000000>,"EventTime"=0x7ce65f3,"EventClass"="SetState"})
|| |     "IONameMatched" = "AAPL,atc-dpin"
|| |     "IOPersonalityPublisher" = "com.apple.driver.AppleDisplayCrossbar"
|| |     "DisplayHints" = {}
|| |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleDisplayCrossbar"
|| |   }
|| |
|| +-o atc0-dpin1@81E58000  <class AppleARMIODevice, id 0x100000298, registered, matched, active, busy 0 (471
ms), retain 8>
|| ||{
|| || "IOInterruptSpecifiers" = (<28030000>)
|| || "dp-switch-dfp-port" = <02000000>
|| || "transport-index" = <01000000>
|| || "AAPL,phandle" = <61000000>
|| || "IODeviceMemory" = ((({"address"=0x381e58000,"length"=0x4000})))
|| || "transport-tunneled" = <01000000>
|| || "dpxbar-parent" = <5e000000>
|| || "dp-switch-parent" = <5d000000>
|| || "IOReportLegendPublic" = Yes
|| || "dp-switch-dfp-endpoint" = <00000000>
|| || "acio-parent" = <4e000000>
|| || "IOInterruptControllers" = ("IOInterruptController00000067")
|| || "name" = <617463302d6470696e3100>
|| || "interrupt-parent" = <67000000>
|| || "atc-phy" = <ac000000>
|| || "port-type" = <02000000>
|| || "compatible" = <6174632d6470696e2c743831303300>
|| || "interrupts" = <28030000>
|| || "port-number" = <01000000>
|| || "transport-type" = <05000000>
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "device_type" = <4141504c2c6174632d6470696e00>
|| || "reg" = <0080e5810300000000040000000000000>
|| ||}
|| ||
|| | +-o AppleATCDPINAdapterPort(atc0-dpin1)  <class AppleATCDPINAdapterPort, id 0x100000329, registered,
matched, active, busy 0 (3 ms), retain 7>
|| |   {
|| |     "IOClass" = "AppleATCDPINAdapterPort"
|| |     "CFBundleIdentifier" = "com.apple.driver.AppleDisplayCrossbar"
|| |     "IOProviderClass" = "AppleARMIODevice"
|| |     "IOProbeScore" = 0x0
|| |     "IONameMatch" = "AAPL,atc-dpin"
|| |     "IOMatchedAtBoot" = Yes
|| |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |     "EventLog" =
({"EventPayload"={"State"="Registered","Value"=0x1},"EventRaw"=<21000000180000009ab5c60700000000030000000
1000000>,"EventTime"=0x7c6b59a,"EventClass"="SetState"})
|| |     "IONameMatched" = "AAPL,atc-dpin"
|| |     "IOPersonalityPublisher" = "com.apple.driver.AppleDisplayCrossbar"
|| |     "DisplayHints" = {}
|| |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleDisplayCrossbar"
|| |   }
|| |
|| +-o atc1-dpxbar@304C000  <class AppleARMIODevice, id 0x100000299, registered, matched, active, busy 0 (93
ms), retain 8>
|| ||{
|| || "device_type" = <4141504c2c6174632d64647078626172200>
```

```
|| || "reg" = <00c00403050000000040000000000000>
|| || "IODeviceMemory" = (({"address"=0x50304c000,"length"=0x4000}))
|| || "name" = <617463312d64707862617200>
|| || "AAPL,phandle" = <62000000>
|| || "compatible" = <6174632d6470786261722c743831303300>
|| ||}
|| ||
|| |+-o AppleT8103ATCDPXBAR(atc1-dpxbar)  <class AppleT8103ATCDPXBAR, id 0x100000328, registered, matched,
active, busy 0 (0 ms), retain 8>
|| |  {
|| |    "IOProbeScore" = 0x0
|| |    "CFBundleIdentifier" = "com.apple.driver.AppleDisplayCrossbar"
|| |    "IOProviderClass" = "AppleARMIODevice"
|| |    "IOClass" = "AppleT8103ATCDPXBAR"
|| |    "IOPersonalityPublisher" = "com.apple.driver.AppleDisplayCrossbar"
|| |    "CFBundleIdentifierKernel" = "com.apple.driver.AppleDisplayCrossbar"
|| |    "IOMatchedAtBoot" = Yes
|| |    "IONameMatch" = ("atc-dpxbar,t8103")
|| |    "tunables" = 0x0
|| |    "IONameMatched" = "atc-dpxbar,t8103"
|| |    "IOMatchCategory" = "IODefaultMatchCategory"
|| |  }
|| |
|| +-o atc1-dpphy  <class AppleARMIODevice, id 0x10000029a, registered, matched, active, busy 0 (410 ms), retain 8>
|| ||{
|| || "dp-switch-dfp-endpoint" = <01000000>
|| || "compatible" = <6174632d64707068792c743831303300>
|| || "transport-tunneled" = <00000000>
|| || "dp-switch-dfp-port" = <00000000>
|| || "AAPL,phandle" = <63000000>
|| || "device_type" = <4141504c2c6174632d647070687900>
|| || "transport-type" = <05000000>
|| || "atc-phy" = <b2000000>
|| || "port-type" = <02000000>
|| || "dp-switch-parent" = <5d000000>
|| || "port-number" = <02000000>
|| || "dpxbar-parent" = <62000000>
|| || "name" = <617463312d647070687900>
|| ||}
|| ||
|| |+-o AppleATCDPAltModePort(atc1-dpphy)  <class AppleATCDPAltModePort, id 0x10000032a, registered, matched,
active, busy 0 (7 ms), retain 7>
|| |  {
|| |    "IOClass" = "AppleATCDPAltModePort"
|| |    "CFBundleIdentifier" = "com.apple.driver.AppleDisplayCrossbar"
|| |    "IOProviderClass" = "AppleARMIODevice"
|| |    "IOPropertyMatch" = {"port-type"=<02000000>}
|| |    "IOProbeScore" = 0x0
|| |    "IONameMatch" = "AAPL,atc-dpphy"
|| |    "IOMatchedAtBoot" = Yes
|| |    "IOMatchCategory" = "IODefaultMatchCategory"
|| |    "EventLog" =
({"EventPayload"={"State"="Registered","Value"=0x1},"EventRaw"=<210000001800000006085b30700000000030000000
1000000>,"EventTime"=0x7b38560,"EventClass"="SetState"},
{"EventPayload"={"QueueOp"="Enqueue","Action"="DisplayRequest"},"EventRaw"=<2000000018000000dadcd4a1a7000
0000000000000001000000>,"EventTime"=0xa7a1d4dcda,"EventClass"="SetAction"},
{"EventPayload"={"State"="SinkActive","Value"=0x1},"EventRaw"=<2100000018000000a7ddd4a1a700000001000000010
00000>,"EventTime"=0xa7a1d4dda7,"EventClass"="SetState"},{"EventPayload"={$
|| |    "IONameMatched" = "AAPL,atc-dpphy"
|| |    "IOPersonalityPublisher" = "com.apple.driver.AppleDisplayCrossbar"
|| |    "DisplayHints" = {}
|| |    "CFBundleIdentifierKernel" = "com.apple.driver.AppleDisplayCrossbar"
|| |  }
|| |
|| +-o atc1-dpin0@1E50000  <class AppleARMIODevice, id 0x10000029b, registered, matched, active, busy 0 (449
ms), retain 8>
|| ||{
|| || "IOInterruptSpecifiers" = (<77030000>)
|| || "dp-switch-dfp-port" = <01000000>
|| || "transport-index" = <00000000>
|| || "AAPL,phandle" = <64000000>
|| || "IODeviceMemory" = (({"address"=0x501e50000,"length"=0x4000}))
|| || "transport-tunneled" = <01000000>
|| || "dpxbar-parent" = <62000000>
|| || "dp-switch-parent" = <5d000000>
|| || "IOReportLegendPublic" = Yes
|| || "dp-switch-dfp-endpoint" = <01000000>
|| || "acio-parent" = <58000000>
|| || "IOInterruptControllers" = ("IOInterruptController00000067")
|| || "name" = <617463312d6470696e3000>
|| || "interrupt-parent" = <67000000>
|| || "atc-phy" = <b2000000>
|| || "port-type" = <02000000>
|| || "compatible" = <6174632d6470696e2c743831303300>
|| || "interrupts" = <77030000>
|| || "port-number" = <02000000>
|| || "transport-type" = <05000000>
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
```

(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
    || || "device_type" = <4141504c2c6174632d6470696e00>
    || || "reg" = <0000e50105000000040000000000000>
    || || }
    || |
    || |+-o AppleATCDPINAdapterPort(atc1-dpin0) <class AppleATCDPINAdapterPort, id 0x100000327, registered,
matched, active, busy 0 (12 ms), retain 7>
    || | {
    || | "IOClass" = "AppleATCDPINAdapterPort"
    || | "CFBundleIdentifier" = "com.apple.driver.AppleDisplayCrossbar"
    || | "IOProviderClass" = "AppleARMIODevice"
    || | "IOProbeScore" = 0x0
    || | "IONameMatch" = "AAPL,atc-dpin"
    || | "IOMatchedAtBoot" = Yes
    || | "IOMatchCategory" = "IODefaultMatchCategory"
    || | "EventLog" =
({"EventPayload"={"State"="Registered","Value"=0x1},"EventRaw"=<2100000180000000629c00700000000030000000
1000000>,"EventTime"=0x7c02906,"EventClass"="SetState"})
    || | "IONameMatched" = "AAPL,atc-dpin"
    || | "IOPersonalityPublisher" = "com.apple.driver.AppleDisplayCrossbar"
    || | "DisplayHints" = {}
    || | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDisplayCrossbar"
    || | }
    || |
    || +-o atc1-dpin1@1E58000 <class AppleARMIODevice, id 0x10000029c, registered, matched, active, busy 0 (471
ms), retain 8>
    || || {
    || || "IOInterruptSpecifiers" = (<78030000>)
    || || "dp-switch-dfp-port" = <02000000>
    || || "transport-index" = <01000000>
    || || "AAPL,phandle" = <65000000>
    || || "IODeviceMemory" = (({"address"=0x501e58000,"length"=0x4000}))
    || || "transport-tunneled" = <01000000>
    || || "dpxbar-parent" = <62000000>
    || || "dp-switch-parent" = <5d000000>
    || || "IOReportLegendPublic" = Yes
    || || "dp-switch-dfp-endpoint" = <01000000>
    || || "acio-parent" = <58000000>
    || || "IOInterruptControllers" = ("IOInterruptController00000067")
    || || "name" = <617463312d6470696e3100>
    || || "interrupt-parent" = <67000000>
    || || "atc-phy" = <b2000000>
    || || "port-type" = <02000000>
    || || "compatible" = <6174632d6470696e2c743831303300>
    || || "interrupts" = <78030000>
    || || "port-number" = <02000000>
    || || "transport-type" = <05000000>
    || || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
    || || "device_type" = <4141504c2c6174632d6470696e00>
    || || "reg" = <0080e50105000000040000000000000>
    || || }
    || ||
    || |+-o AppleATCDPINAdapterPort(atc1-dpin1) <class AppleATCDPINAdapterPort, id 0x100000322, registered,
matched, active, busy 0 (4 ms), retain 7>
    || | {
    || | "IOClass" = "AppleATCDPINAdapterPort"
    || | "CFBundleIdentifier" = "com.apple.driver.AppleDisplayCrossbar"
    || | "IOProviderClass" = "AppleARMIODevice"
    || | "IOProbeScore" = 0x0
    || | "IONameMatch" = "AAPL,atc-dpin"
    || | "IOMatchedAtBoot" = Yes
    || | "IOMatchCategory" = "IODefaultMatchCategory"
    || | "EventLog" =
({"EventPayload"={"State"="Registered","Value"=0x1},"EventRaw"=<2100000018000000f0b3c607000000000300000001
000000>,"EventTime"=0x7c6b3f0,"EventClass"="SetState"})
    || | "IONameMatched" = "AAPL,atc-dpin"
    || | "IOPersonalityPublisher" = "com.apple.driver.AppleDisplayCrossbar"
    || | "DisplayHints" = {}
    || | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDisplayCrossbar"
    || | }
    || |
    || +-o mcc@100000 <class AppleARMIODevice, id 0x10000029d, registered, matched, active, busy 0 (86 ms), retain
8>
    || || {
    || || "device_type" = <6d636300>
    || || "compatible" = <6d63632c743831303300>
    || || "IODeviceMemory" = (({"address"=0x200100000,"length"=0x100000}),
({"address"=0x200000000,"length"=0x100000}),({"address"=0x200200000,"length"=0x200000}))
    || || "dcs_num_channels" = <08000000>
    || || "dramcfg-data" = <3301000040535555>
    || || "config-data" =
<100000000010000005f090000010000000a0000000a000000e8030000a0860100640000000100000080000000010000
0005f090000010000000a0000000a000000e8030000a0860100640000000100000080000001000000005f090000010

000000a0000000a000000e8030000a0860100640000000100000010000000010000005f090000010000000a0000000
a000000e8030000a0860100640000000100000010000000010000005f090000010000000a0000000a000000e803000
0a086010064000000010000000>
  || || "reg" =
<00001000000000000000001000000000000000000000000000000001000000000000000020000000000000002000000
0000>
  || || "AAPL,phandle" = <66000000>
  || || "name" = <6d636300>
  || ||}
  || ||
  || |+-o AppleT8103MemCacheController <class AppleT8103MemCacheController, id 0x100000321, registered, matched, active, busy 0 (0 ms), retain 16>
  || | {
  || | "IOClass" = "AppleT8103MemCacheController"
  || | "CFBundleIdentifier" = "com.apple.driver.AppleT8101"
  || | "IOProviderClass" = "AppleARMIODevice"
  || | "IOPlatformPanicAction" = 0x15ba8
  || | "IOPlatformActiveAction" = 0x15ba8
  || | "IOPlatformWakeAction" = 0x15ba8
  || | "IOPlatformQuiesceAction" = 0x15ba8
  || | "IOPlatformSleepAction" = 0x15ba8
  || | "IONameMatch" = "mcc,t8103"
  || | "IOProbeScore" = 0x0
  || | "IOMatchedAtBoot" = Yes
  || | "IOMatchCategory" = "IODefaultMatchCategory"
  || | "IOUserClientClass" = "AppleMCCUserClient"
  || | "IOReportLegend" = ({"IOReportGroupName"="AMC
Stats","IOReportChannels"=((0x4650435055524400,0x100020001,"PCPU RD"),
(0x4650435055575200,0x100020001,"PCPU WR"),(0x4443535043505244,0x100020001,"PCPU DCS RD"),
(0x4443535043505752,0x100020001,"PCPU DCS WR"),(0x4645435055524400,0x100020001,"ECPU RD"),
(0x4645435055575200,0x100020001,"ECPU WR"),(0x4443534543505244,0x100020001,"ECPU DCS RD"),
(0x4443534543505752,0x100020001,"ECPU DCS WR"),(0x4146534f43524400,0x100020001,"SOC RD"),
(0x4146534f43575200,0x100020001,"SOC WR"),(0x41464746585$
  || | "IOReportLegendPublic" = Yes
  || | "IONameMatched" = "mcc,t8103"
  || | "IOPersonalityPublisher" = "com.apple.driver.AppleT8101"
  || | "IOFunctionParent00000066" = <>
  || | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8101"
  || | }
  || |
  || +-o aic@3B100000 <class AppleARMIODevice, id 0x10000029e, registered, matched, active, busy 0 (164 ms), retain 11>
  || ||{
  || || "#interrupt-cells" = <01000000>
  || || "#main-cpus" = <08000000>
  || || "compatible" = <6169632c3100>
  || || "interrupt-controller" = <6d617374657200>
  || || "aic-version" = <02000000>
  || || "#shared-timestamps" = <10000000>
  || || "reg" = <0000103b0000000000c00000000000000080103b00000000010000000000000>
  || || "AAPL,phandle" = <67000000>
  || || "IOInterruptSpecifiers" =
(<0000000000000000>,<0100000000000000>,<0200000000000000>,<0300000000000000>,<0400000000000000>
,<0500000000000000>,<0600000000000000>,<0700000000000000>)
  || || "IOInterruptControllers" =
("IOPlatformInterruptController","IOPlatformInterruptController","IOPlatformInterruptController","IOPlatformInterruptContro
ller","IOPlatformInterruptController","IOPlatformInterruptController","IOPlatformInterruptController","IOPlatformInterruptCo
ntroller")
  || || "device_type" = <696e746572727570742d636f6e74726f6c6c657200>
  || || "IODeviceMemory" = (({"address"=0x23b100000,"length"=0xc000}),
({"address"=0x23b108000,"length"=0x1000}))
  || || "#address-cells" = <00000000>
  || || "InterruptControllerName" = "IOInterruptController00000067"
  || || "ipid-mask" =
<0f000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
000000000000000000000000000000000000000000>
  || || "target-destinations" =
<46000000010000004900000020000004c0000004000000f000000080000006300000010000006600000020000
0006900000040000006c0000008000003c02000000040000>
  || || "name" = <61696300>
  || ||}
  || ||
  || |+-o AppleInterruptController <class AppleInterruptController, id 0x100000373, registered, matched, active, busy 0 (0 ms), retain 9>
  || | {
  || | "IOClass" = "AppleInterruptController"
  || | "CFBundleIdentifier" = "com.apple.driver.AppleInterruptController"
  || | "IOProviderClass" = "AppleARMIODevice"
  || | "IOPlatformActiveAction" = 0x17ae8
  || | "IOPlatformQuiesceAction" = 0x17ae8
  || | "IOProbeScore" = 0x0
  || | "IONameMatch" = "aic,1"
  || | "IOMatchedAtBoot" = Yes
  || | "IOMatchCategory" = "IODefaultMatchCategory"
  || | "IOFunctionParent00000067" = <>
  || | "IONameMatched" = "aic,1"
  || | "IOPersonalityPublisher" = "com.apple.driver.AppleInterruptController"
  || | "InterruptControllerName" = "IOInterruptController00000067"
  || | "CFBundleIdentifierKernel" = "com.apple.driver.AppleInterruptController"

```
|| |  }
|| |
|| +-o aic-timebase@3B108000  <class AppleARMIODevice, id 0x10000029f, registered, matched, active, busy 0 (85
ms), retain 7>
|| | {
|| |   "IODeviceMemory" = (({"address"=0x23b108000,"length"=0x1000}))
|| |   "reg" = <0080103b000000000010000000000000>
|| |   "name" = <6169632d74696d656261736500>
|| |   "AAPL,phandle" = <68000000>
|| |   "device_type" = <74696d657200>
|| | }
|| |
|| +-o wdt@3D2B0000  <class AppleARMIODevice, id 0x1000002a0, registered, matched, active, busy 0 (244 ms),
retain 8>
|| ||{
|| ||   "name" = <77647400>
|| ||   "panic-forcepoweroff-flag-bit" = <02000000>
|| ||   "compatible" = <7764742c7438313031007764742c73356c383936307800>
|| ||   "clock-ids" = <04000000>
|| ||   "interrupt-parent" = <67000000>
|| ||   "function-panic_notify" = <6e0000004f495047bb00000000010000>
|| ||   "interrupts" = <5201000000000000>
|| ||   "reg" =
<00002b3d0000000004000000000000020802b3d000000000400000000000000008802b3d0000000004000000
000000c802b3d00000000040000000000000020802b3d00000000040000000000000>
|| ||   "AAPL,phandle" = <69000000>
|| ||   "panic-save-flag-bit" = <00000000>
|| ||   "device_type" = <77647400>
|| ||   "trigger-config" =
<04030210020000000f0000000100000004031210020000000f0000000100000004032210020000000f000000010000
0004033210020000000f0000000100000004030211020000000f0000000100000004031211020000000f000000010000
0004032211020000000f0000000100000004033211020000000f00000001000000>
|| ||   "IOInterruptControllers" = ("IOInterruptController00000067","IOInterruptController00000067")
|| ||   "IOInterruptSpecifiers" = (<52010000>,<00000000>)
|| ||   "function-panic_flush_helper" = <66000000406d654d>
|| ||   "IODeviceMemory" = (({"address"=0x23d2b0000,"length"=0x4000}),({"address"=0x23d2b8020,"length"=0x4}),
({"address"=0x23d2b8008,"length"=0x4}),({"address"=0x23d2b800c,"length"=0x4}),
({"address"=0x23d2b8020,"length"=0x4}))
|| ||   "wdt-version" = <02000000>
|| ||   "function-panic_halt_helper" = <66000000216d654d>
|| ||}
|| ||
|| | +-o AppleARMWatchdogTimer  <class AppleARMWatchdogTimer, id 0x10000032c, registered, matched, active,
busy 0 (0 ms), retain 6>
|| | |{
|| | |   "IOClass" = "AppleARMWatchdogTimer"
|| | |   "IOPlatformSleepAction" = 0x15e
|| | |   "IOFunctionParent00000069" = <>
|| | |   "IOPlatformPanicAction" = 0x3e8
|| | |   "IOPersonalityPublisher" = "com.apple.driver.AppleARMWatchdogTimer"
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "IOProviderClass" = "AppleARMIODevice"
|| | |   "IOProbeScore" = 0x0
|| | |   "IOKitQuiesceWatchdogEnabled" = Yes
|| | |   "IOKitQuiesceWatchdogSupported" = Yes
|| | |   "PanicWatchdogEnabled" = Yes
|| | |   "PanicSMCWatchdogEnabled" = Yes
|| | |   "IONameMatch" = "wdt,s5l8960x"
|| | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMWatchdogTimer"
|| | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | |   "CFBundleIdentifier" = "com.apple.driver.AppleARMWatchdogTimer"
|| | |   "ShutdownWatchdogEnabled" = Yes
|| | |   "IONameMatched" = "wdt,s5l8960x"
|| | |   "IOPlatformActiveAction" = 0x13880
|| | |   "IOPlatformQuiesceAction" = 0x13880
|| | |   "IOPlatformWakeAction" = 0x15e
|| | |}
|| | |
|| | +-o IOWatchdogUserClient  <class IOWatchdogUserClient, id 0x100000a99, registered, matched, active, busy 0
(0 ms), retain 6>
|| |     {
|| |       "IOUserClientCreator" = "pid 338, watchdogd"
|| |       "IOUserClientDefaultLocking" = Yes
|| |     }
|| |
|| +-o error-handler@100000  <class AppleARMIODevice, id 0x1000002a1, registered, matched, active, busy 0 (165
ms), retain 8>
|| ||{
|| ||   "trueuc-irq-enable" = <f383f9ff>
|| ||   "compatible" = <6572726f722d68616e646c65722c743831303100>
|| ||   "interrupt-parent" = <67000000>
|| ||   "interrupts" =
<cb000000010100002010000d2000000d5000000d8000000db000000de000000e1000000e4000000e7000000>
|| ||   "AAPL,phandle" = <6a000000>
|| ||   "dcs-num-channels" = <08000000>
|| ||   "reg" =
<00001000000000000000010000000000000000000000000000001000000000000c001000000000000c000000000
0000040000000000000004001000000000000000040000000000001000000000000c005000000000000c00000
00000000000400400000000000004001000000000000080000000000001000000000000c009000000000000c0
0000000000000040080000000000004001000000000000c00000000000001000000000000c00d0000000000
```

00c000000000000000400c0000000000004001000000000000044410000000000000400000000000000040410000
0000000040000000000000003b0000000000000700000000000000703b0000$
```
  || || "error-reflector" = <00c0ff3c02000000>
  || || "device_type" = <6572726f722d68616e646c657200>
  || || "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptControlle
r00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterr
uptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController000000
67")
  || || "IOInterruptSpecifiers" =
(<cb000000>,<01010000>,<02010000>,<d2000000>,<d5000000>,<d8000000>,<db000000>,<de000000>,<e1000000
>,<e4000000>,<e7000000>)
  || || "IODeviceMemory" = (({"address"=0x200100000,"length"=0x100000}),
({"address"=0x200000000,"length"=0x1000}),({"address"=0x20001c000,"length"=0xc000}),
({"address"=0x200004000,"length"=0x14000}),({"address"=0x200040000,"length"=0x1000}),
({"address"=0x20005c000,"length"=0xc000}),({"address"=0x200044000,"length"=0x14000}),
({"address"=0x200080000,"length"=0x1000}),({"address"=0x20009c000,"length"=0xc000}),
({"address"=0x200084000,"length"=0x14000}),({"address"=0x2000c0000,"length"=0x1000}),
({"address"=0x2000dc000,"length"=0xc000}),({"a$
  || || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"  Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
  || || "IOReportLegendPublic" = Yes
  || || "name" = <6572726f722d68616e646c657200>
  || ||}
  || ||
  || +-o AppleT8101PlatformErrorHandler  <class AppleT8101PlatformErrorHandler, id 0x10000032b, registered,
matched, active, busy 0 (0 ms), retain 5>
  || |    {
  || |      "IOClass" = "AppleT8101PlatformErrorHandler"
  || |      "CFBundleIdentifier" = "com.apple.driver.AppleT8101"
  || |      "IOProviderClass" = "AppleARMIODevice"
  || |      "IOPlatformActiveAction" = 0x15ba8
  || |      "IOPlatformQuiesceAction" = 0x15ba8
  || |      "IOProbeScore" = 0x0
  || |      "IONameMatch" = "error-handler,t8101"
  || |      "IOMatchedAtBoot" = Yes
  || |      "IOMatchCategory" = "IODefaultMatchCategory"
  || |      "IONameMatched" = "error-handler,t8101"
  || |      "IOPersonalityPublisher" = "com.apple.driver.AppleT8101"
  || |      "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8101"
  || |    }
  || |
  || +-o dwi@3B200000  <class AppleARMIODevice, id 0x1000002a2, registered, matched, active, busy 0 (143 ms),
retain 8>
  || ||{
  || || "dwi-version" = <01000000>
  || || "lockout-us" = <05000000>
  || || "compatible" = <6477692c7438313033006477692c733830303000>
  || || "interrupt-parent" = <67000000>
  || || "interrupts" = <04000000>
  || || "clock-gates" = <0b000000>
  || || "reg" = <0000203b000000000040000000000000>
  || || "AAPL,phandle" = <6b000000>
  || || "str-delay" = <401f0000>
  || || "polarity-config" = <01000000>
  || || "device_type" = <64776900>
  || || "IOInterruptControllers" = ("IOInterruptController00000067")
  || || "IOInterruptSpecifiers" = (<04000000>)
  || || "IODeviceMemory" = (({"address"=0x23b200000,"length"=0x4000}))
  || || "nclk-div" = <01000000>
  || || "name" = <64776900>
  || ||}
  || ||
  || |+-o AppleS8000DWI  <class AppleS8000DWI, id 0x100000326, registered, matched, active, busy 0 (0 ms), retain
5>
  || |    {
  || |      "IOClass" = "AppleS8000DWI"
  || |      "CFBundleIdentifier" = "com.apple.driver.AppleS8000DWI"
  || |      "IOProviderClass" = "AppleARMIODevice"
  || |      "IOPlatformActiveAction" = 0x13880
  || |      "IOProbeScore" = 0x0
  || |      "IONameMatch" = "dwi,s8000"
  || |      "IOMatchedAtBoot" = Yes
  || |      "IOMatchCategory" = "IODefaultMatchCategory"
  || |      "IONameMatched" = "dwi,s8000"
  || |      "IOPersonalityPublisher" = "com.apple.driver.AppleS8000DWI"
  || |      "CFBundleIdentifierKernel" = "com.apple.driver.AppleS8000DWI"
  || |      "IOFunctionParent0000006B" = <>
  || |    }
  || |
  || +-o pwm@35040000  <class AppleARMIODevice, id 0x1000002a3, registered, matched, active, busy 0 (91 ms),
retain 8>
  || ||{
  || || "interrupt-parent" = <67000000>
  || || "compatible" = <70776d2c74383130310070776d2c73356c383932307800>
  || || "reg" = <000004350000000000040000000000000>
```

```
|| || "interrupts" = <78020000>
|| || "IODeviceMemory" = (({"address"=0x235040000,"length"=0x4000}))
|| || "clock-gates" = <24000000>
|| || "IOInterruptControllers" = ("IOInterruptController00000067")
|| || "IOInterruptSpecifiers" = (<78020000>)
|| || "device_type" = <70776d00>
|| || "AAPL,phandle" = <6c000000>
|| || "name" = <70776d00>
|| ||}
|| ||
|| |+-o AppleS5L8920XPWM  <class AppleS5L8920XPWM, id 0x100000325, registered, matched, active, busy 0 (0
ms), retain 5>
|| |   {
|| |     "IOProbeScore" = 0x0
|| |     "CFBundleIdentifier" = "com.apple.driver.AppleS5L8920XPWM"
|| |     "IOProviderClass" = "AppleARMIODevice"
|| |     "IOClass" = "AppleS5L8920XPWM"
|| |     "IOPersonalityPublisher" = "com.apple.driver.AppleS5L8920XPWM"
|| |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleS5L8920XPWM"
|| |     "IOMatchedAtBoot" = Yes
|| |     "IONameMatch" = "pwm,s5l8920x"
|| |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |     "IONameMatched" = "pwm,s5l8920x"
|| |     "IOFunctionParent0000006C" = <>
|| |   }
|| |
|| +-o aes@3500C000  <class AppleARMIODevice, id 0x1000002a4, registered, matched, active, busy 0 (586 ms),
retain 8>
|| ||{
|| || "compatible" = <6165732c733830303000>
|| || "iommu-parent" = <94000000>
|| || "interrupt-parent" = <67000000>
|| || "reg" = <00c000350000000000040000000000000002d3d0000000004000000000000>
|| || "interrupts" = <71020000>
|| || "AAPL,phandle" = <6d000000>
|| || "clock-gates" = <30000000>
|| || "IOInterruptControllers" = ("IOInterruptController00000067")
|| || "device_type" = <61657300>
|| || "IOInterruptSpecifiers" = (<71020000>)
|| || "IODeviceMemory" = (({"address"=0x23500c000,"length"=0x4000}),
({"address"=0x23d2d0000,"length"=0x4000}))
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"         Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "IOReportLegendPublic" = Yes
|| || "aes-version" = <03000000>
|| || "name" = <61657300>
|| ||}
|| ||
|| |+-o AppleS8000AESAccelerator  <class AppleS8000AESAccelerator, id 0x100000320, registered, matched, active,
busy 0 (0 ms), retain 8>
|| |   {
|| |     "IOClass" = "AppleS8000AESAccelerator"
|| |     "CFBundleIdentifier" = "com.apple.driver.AppleS8000AES"
|| |     "IOProviderClass" = "AppleARMIODevice"
|| |     "IOPlatformWakeAction" = 0x13880
|| |     "IOUserClientClass" = "IOAESAcceleratorUserClient"
|| |     "IOPlatformQuiesceAction" = 0x13880
|| |     "IOProbeScore" = 0x0
|| |     "IONameMatch" = "aes,s8000"
|| |     "IOMatchedAtBoot" = Yes
|| |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |     "IONameMatched" = "aes,s8000"
|| |     "IOPersonalityPublisher" = "com.apple.driver.AppleS8000AES"
|| |     "CrashReporter-ID" = <a0cd473f7563590e6da59bb376ca3dc22b8907a9>
|| |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleS8000AES"
|| |   }
|| |
|| +-o gpio@3C100000  <class AppleARMIODevice, id 0x1000002a5, registered, matched, active, busy 0 (168 ms),
retain 8>
|| ||{
|| || "#interrupt-cells" = <02000000>
|| || "interrupt-controller" = <>
|| || "compatible" = <6770696f2c743831303100>
|| || "interrupt-parent" = <67000000>
|| || "interrupts" = <be000000bf000000c0000000c1000000c2000000c3000000c4000000>
|| || "#gpio-int-groups" = <07000000>
|| || "reg" = <0000103c0000000000000100000000000000>
|| || "#gpio-pins" = <d4000000>
|| || "AAPL,phandle" = <6e000000>
|| || "device_type" = <696e746572727275570742d636f6e74726f6c6c657200>
|| || "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptControlle
r00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067")
|| || "IOInterruptSpecifiers" =
(<be000000>,<bf000000>,<c0000000>,<c1000000>,<c2000000>,<c3000000>,<c4000000>)
|| || "IODeviceMemory" = (({"address"=0x23c100000,"length"=0x100000}))
```

|| || "#address-cells" = <00000000>
|| || "InterruptControllerName" = "IOInterruptController0000006E"
|| || "role" = <415000>
|| || "name" = <6770696f00>
|| ||}
|| ||
|| | +-o AppleT8101GPIOIC <class AppleT8101GPIOIC, id 0x10000031f, registered, matched, active, busy 0 (0 ms), retain 18>
|| | {
|| | "IOClass" = "AppleT8101GPIOIC"
|| | "CFBundleIdentifier" = "com.apple.driver.AppleGPIOICController"
|| | "IOProviderClass" = "AppleARMIODevice"
|| | "IOPlatformPanicAction" = 0x1f4
|| | "IOPlatformActiveAction" = 0x1388
|| | "IOPlatformWakeAction" = 0x1f4
|| | "IOPlatformQuiesceAction" = 0x3e8
|| | "IOProbeScore" = 0x0
|| | "IONameMatch" = "gpio,t8101"
|| | "IOMatchedAtBoot" = Yes
|| | "IOMatchCategory" = "IODefaultMatchCategory"
|| | "IOFunctionParent0000006E" = <>
|| | "IONameMatched" = "gpio,t8101"
|| | "IOPersonalityPublisher" = "com.apple.driver.AppleGPIOICController"
|| | "InterruptControllerName" = "IOInterruptController0000006E"
|| | "CFBundleIdentifierKernel" = "com.apple.driver.AppleGPIOICController"
|| | "role" = "AP"
|| | }
|| |
|| +-o aop-gpio@4A820000 <class AppleARMIODevice, id 0x1000002a6, registered, matched, active, busy 0 (195 ms), retain 8>
|| ||{
|| || "IOInterruptSpecifiers" =
(<0c010000>,<0d010000>,<0e010000>,<0f010000>,<10010000>,<11010000>,<12010000>)
|| || "wake-no-interrupt-group" = <04000000>
|| || "wake-events" = <0616061a041a0000>
|| || "#gpio-int-groups" = <07000000>
|| || "#address-cells" = <00000000>
|| || "supported-int-groups" = <040000000500000006000000>
|| || "AAPL,phandle" = <6f000000>
|| || "IODeviceMemory" = (({"address"=0x24a820000,"length"=0x4000}))
|| || "InterruptControllerName" = "IOInterruptController0000006F"
|| || "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067")
|| || "name" = <616f702d6770696f00>
|| || "interrupt-parent" = <67000000>
|| || "interrupt-controller" = <>
|| || "compatible" = <6770696f2c743831303100>
|| || "interrupts" = <0c0100000d0100000e0100000f01000010010000110100001 2010000>
|| || "#interrupt-cells" = <02000000>
|| || "#gpio-pins" = <2a000000>
|| || "no-resume-restore" = <01000000>
|| || "role" = <414f5000>
|| || "device_type" = <696e746572727570742d636f6e74726f6c6c657200>
|| || "reg" = <0000824a000000000040000000000000>
|| ||}
|| ||
|| | +-o AppleT8101GPIOIC <class AppleT8101GPIOIC, id 0x10000036e, registered, matched, active, busy 0 (10 ms), retain 6>
|| | {
|| | "IOClass" = "AppleT8101GPIOIC"
|| | "CFBundleIdentifier" = "com.apple.driver.AppleGPIOICController"
|| | "IOProviderClass" = "AppleARMIODevice"
|| | "IOPlatformPanicAction" = 0x1f4
|| | "IOPlatformActiveAction" = 0x1388
|| | "IOPlatformWakeAction" = 0x1f4
|| | "IOPlatformQuiesceAction" = 0x3e8
|| | "IOProbeScore" = 0x0
|| | "IONameMatch" = "gpio,t8101"
|| | "IOMatchedAtBoot" = Yes
|| | "IOMatchCategory" = "IODefaultMatchCategory"
|| | "IONameMatched" = "gpio,t8101"
|| | "IOPersonalityPublisher" = "com.apple.driver.AppleGPIOICController"
|| | "InterruptControllerName" = "IOInterruptController0000006F"
|| | "CFBundleIdentifierKernel" = "com.apple.driver.AppleGPIOICController"
|| | "IOFunctionParent0000006F" = <>
|| | "role" = "AOP"
|| | }
|| |
|| +-o nub-gpio@3D1F0000 <class AppleARMIODevice, id 0x1000002a7, registered, matched, active, busy 0 (165 ms), retain 8>
|| ||{
|| || "IOInterruptSpecifiers" =
(<4a010000>,<4b010000>,<4c010000>,<4d010000>,<4e010000>,<4f010000>,<50010000>)
|| || "wake-no-interrupt-group" = <04000000>
|| || "wake-events" = <02040000>
|| || "#gpio-int-groups" = <07000000>
|| || "#address-cells" = <00000000>
|| || "supported-int-groups" = <040000000500000006000000>
|| || "AAPL,phandle" = <70000000>

|| || "IODeviceMemory" = (({"address"=0x23d1f0000,"length"=0x4000}))
|| || "InterruptControllerName" = "IOInterruptController00000070"
|| || "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptControlle
r00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067")
|| || "name" = <6e75622d6770696f00>
|| || "interrupt-parent" = <67000000>
|| || "interrupt-controller" = <>
|| || "compatible" = <6770696f2c743831303100>
|| || "interrupts" = <4a0100004b0100004c0100004d0100004e0100004f01000050010000>
|| || "#interrupt-cells" = <02000000>
|| || "#gpio-pins" = <17000000>
|| || "no-resume-restore" = <01000000>
|| || "role" = <4e554200>
|| || "device_type" = <696e746572727570742d636f6e74726f6c6c657200>
|| || "reg" = <00001f3d00000000004000000000000>
|| ||}
|| ||
|| |+-o AppleT8101GPIOIC <class AppleT8101GPIOIC, id 0x10000031e, registered, matched, active, busy 0 (0 ms),
retain 7>
|| | {
|| | "IOClass" = "AppleT8101GPIOIC"
|| | "CFBundleIdentifier" = "com.apple.driver.AppleGPIOICController"
|| | "IOProviderClass" = "AppleARMIODevice"
|| | "IOPlatformPanicAction" = 0x1f4
|| | "IOPlatformActiveAction" = 0x1388
|| | "IOPlatformWakeAction" = 0x1f4
|| | "IOPlatformQuiesceAction" = 0x3e8
|| | "IOProbeScore" = 0x0
|| | "IONameMatch" = "gpio,t8101"
|| | "IOMatchedAtBoot" = Yes
|| | "IOMatchCategory" = "IODefaultMatchCategory"
|| | "IONameMatched" = "gpio,t8101"
|| | "IOPersonalityPublisher" = "com.apple.driver.AppleGPIOICController"
|| | "InterruptControllerName" = "IOInterruptController00000070"
|| | "CFBundleIdentifierKernel" = "com.apple.driver.AppleGPIOICController"
|| | "IOFunctionParent00000070" = <>
|| | "role" = "NUB"
|| | }
|| |
|| +-o smc-gpio@3E820000 <class AppleARMIODevice, id 0x1000002a8, registered, matched, active, busy 0 (169
ms), retain 8>
|| ||{
|| || "IOInterruptSpecifiers" =
(<87010000>,<88010000>,<89010000>,<8a010000>,<8b010000>,<8c010000>,<8d010000>)
|| || "wake-events" = <>
|| || "#gpio-int-groups" = <07000000>
|| || "AAPL,phandle" = <71000000>
|| || "supported-int-groups" = <0500000006000000>
|| || "#address-cells" = <00000000>
|| || "IODeviceMemory" = (({"address"=0x23e820000,"length"=0x4000}))
|| || "InterruptControllerName" = "IOInterruptController00000071"
|| || "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptControlle
r00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067")
|| || "name" = <736d632d6770696f00>
|| || "interrupt-parent" = <67000000>
|| || "interrupt-controller" = <>
|| || "compatible" = <6770696f2c743831303100>
|| || "interrupts" = <8701000088010000890100008a0100008b0100008c0100008d010000>
|| || "#interrupt-cells" = <02000000>
|| || "#gpio-pins" = <10000000>
|| || "no-resume-restore" = <01000000>
|| || "role" = <534d4300>
|| || "device_type" = <696e746572727570742d636f6e74726f6c6c657200>
|| || "reg" = <0000823e00000000004000000000000>
|| ||}
|| ||
|| |+-o AppleT8101GPIOIC <class AppleT8101GPIOIC, id 0x100000354, registered, matched, active, busy 0 (0 ms),
retain 6>
|| | {
|| | "IOClass" = "AppleT8101GPIOIC"
|| | "CFBundleIdentifier" = "com.apple.driver.AppleGPIOICController"
|| | "IOProviderClass" = "AppleARMIODevice"
|| | "IOPlatformPanicAction" = 0x1f4
|| | "IOPlatformActiveAction" = 0x1388
|| | "IOPlatformWakeAction" = 0x1f4
|| | "IOPlatformQuiesceAction" = 0x3e8
|| | "IOProbeScore" = 0x0
|| | "IONameMatch" = "gpio,t8101"
|| | "IOMatchedAtBoot" = Yes
|| | "IOMatchCategory" = "IODefaultMatchCategory"
|| | "IOFunctionParent00000071" = <>
|| | "IONameMatched" = "gpio,t8101"
|| | "IOPersonalityPublisher" = "com.apple.driver.AppleGPIOICController"
|| | "InterruptControllerName" = "IOInterruptController00000071"
|| | "CFBundleIdentifierKernel" = "com.apple.driver.AppleGPIOICController"
|| | "role" = "SMC"
|| | }
|| |

```
|| +-o aop@4A400000  <class AppleARMIODevice, id 0x1000002a9, registered, matched, active, busy 0 (583 ms),
retain 9>
||  || {
||  ||  "IOInterruptSpecifiers" = (<1e010000>,<1d010000>,<20010000>,<1f010000>)
||  ||  "aot-power" = <01000000>
||  ||  "iop-version" = <01000000>
||  ||  "clock-gates" = <>
||  ||  "AAPL,phandle" = <72000000>
||  ||  "IODeviceMemory" = (({"address"=0x24a400000,"length"=0x6c000}),
({"address"=0x24a050000,"length"=0x4000}),({"address"=0x24ac00000,"length"=0x1e0000}),
({"address"=0x23d2a8000,"length"=0x8}))
||  ||  "IOReportLegendPublic" = Yes
||  ||  "segment-names" = <5f5f544558543b5f5f444154413b5f5f45544558543b5f5f4f535f4c4f4700>
||  ||  "iommu-parent" = <7b000000>
||  ||  "function-pll_off_mode" = <7e0000004d4c4c500100000000000000>
||  ||  "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptControlle
r00000067")
||  ||  "name" = <616f7000>
||  ||  "interrupt-parent" = <67000000>
||  ||  "compatible" = <696f702c617363777261702d763400>
||  ||  "interrupts" = <1e0100001d010000200100001f010000>
||  ||  "clock-ids" = <>
||  ||  "role" = <414f5000>
||  ||  "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200020000,0x100020001,"        First Level Interrupt Handler Count"),
(0x496e747200020001,0x100020001,"        Second Level Interrupt Handler Count"),
(0x496e747200020002,0x100020001,"    First Level Interrupt Handler Time (MATUs)"),
(0x496e747200020003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200020004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
||  ||  "device_type" = <616f7000>
||  ||  "power-gates" = <>
||  ||  "reg" =
<0000404a0000000000c0060000000000000054a0000000000400000000000000000c04a0000000000001e000000
000000802a3d00000000080000000000000000>
||  ||  "segment-ranges" =
<0000c04a0200000000000001000000000000c04a0200000000000900030000000000c94a0200000000000901000
000000000c94a0200000000c008000600000000409200080000000c011010000000000000200000000000050010001
0000000080350c08000000000000fd000000000080350c0800000001000000a000000>
||  || }
||  ||
||  | +-o AppleASCWrapV4  <class AppleASCWrapV4, id 0x10000034d, !registered, !matched, active, busy 0 (322 ms),
retain 5>
||  |  | {
||  |  |  "IOProbeScore" = 0x0
||  |  |  "CFBundleIdentifier" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
||  |  |  "IOProviderClass" = "AppleARMIODevice"
||  |  |  "IOClass" = "AppleASCWrapV4"
||  |  |  "IOPersonalityPublisher" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
||  |  |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
||  |  |  "IOMatchedAtBoot" = Yes
||  |  |  "IONameMatch" = "iop,ascwrap-v4"
||  |  |  "IOMatchCategory" = "IODefaultMatchCategory"
||  |  |  "IONameMatched" = "iop,ascwrap-v4"
||  |  |  "role" = "AOP"
||  |  | }
||  |  |
||  | +-o iop-aop-nub  <class AppleA7IOPNub, id 0x1000005d3, registered, matched, active, busy 0 (322 ms), retain
9>
||  |  | {
||  |  |  "aop-target" = <01000000>
||  |  |  "sleep-on-hibernate" = <>
||  |  |  "uuid" = <35373445393135372d433735312d334539432d393141302d3333344431383224239314100>
||  |  |  "compatible" = <696f702d6e75622c727462756464792d763200>
||  |  |  "coredump-enable" = <40000000>
||  |  |  "AAPL,phandle" = <73000000>
||  |  |  "region-base" = <0000c04a02000000>
||  |  |  "firmware-name" = <6d6163313367616f7000>
||  |  |  "segment-names" = <5f5f544558543b5f5f444154413b5f5f45544558543b5f5f4f535f4c4f4700>
||  |  |  "KDebugCoreID" = 0xe
||  |  |  "region-size" = <0000250000000000>
||  |  |  "aop-fr-timebase" = <01000000>
||  |  |  "enable-doppler" = <01000000>
||  |  |  "watchdog-enable" = <>
||  |  |  "segment-ranges" =
<0000c04a0200000000000001000000000000c04a0200000000000900030000000000c94a0200000000000901000
000000000c94a0200000000c008000600000000409200080000000c011010000000000000200000000000050010001
0000000080350c08000000000000fd000000000080350c0800000001000000a000000>
||  |  |  "aop-memory-alignment" = <80000000>
||  |  |  "name" = <696f702d616f702d6e756200>
||  |  |  "pre-loaded" = <01000000>
||  |  | }
||  |  |
||  | +-o AppleSPUTimesyncV2  <class AppleSPUTimesyncV2, id 0x10000061b, registered, matched, active, busy 0
(35 ms), retain 12>
||  |  | {
||  |  |  "IOClass" = "AppleSPUTimesyncV2"
||  |  |  "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
||  |  |  "IOProviderClass" = "AppleA7IOPNub"
||  |  |  "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x2,"CurrentPowerState"=0x2}
```

```
|| |   |     "IOProbeScore" = 0x0
|| |   |     "IONameMatch" = ("iop-aop-nub")
|| |   |     "IOMatchedAtBoot" = Yes
|| |   |     "IOMatchCategory" = "AppleSPUTimesync"
|| |   |     "timesync" = {"spu"=0x9f3445c823a0,"ap"=0x3da6bfc69483,"ap-
cont"=0x9f3445c82882,"calendar"=0x1847ef2810112adf}
|| |   |     "IONameMatched" = "iop-aop-nub"
|| |   |     "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
|| |   |     "IOKitDebug" = 0xffff
|| |   |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
|| |   |   }
|| |   |
|| |   +-o RTBuddy(AOP)  <class RTBuddy, id 0x10000061e, registered, matched, active, busy 0 (306 ms), retain 40>
|| |   | {
|| |   |     "IOClass" = "RTBuddy"
|| |   |     "IOPlatformPanicAction" = 0x15ba8
|| |   |     "RTKitVersion" = "RTKit-2784.120.5.0.1.debug"
|| |   |     "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
|| |   |     "IOMatchedAtBoot" = Yes
|| |   |     "IOReportLegendPublic" = Yes
|| |   |     "RTBuddyRouteProviderKey" = <73000000>
|| |   |     "IOProviderClass" = "AppleA7IOPNub"
|| |   |     "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8002,"MaxPowerState"=0x2}
|| |   |     "FirmwareUUID" = "574e9157-c751-3e9c-91a0-334d182bb91a"
|| |   |     "IOProbeScore" = 0x0
|| |   |     "IOUserClientClass" = "RTBuddyUserClient"
|| |   |     "IONameMatch" = "iop-nub,rtbuddy-v2"
|| |   |     "FirmwareVersion" = "mac13gaop:DEBUG:AppleSPUFirmwareBuilder-642.120.3~2709"
|| |   |     "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
|| |   |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |     "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
|| |   |     "IONameMatched" = "iop-nub,rtbuddy-v2"
|| |   |     "role" = "AOP"
|| |   |     "IOReportLegend" =
({"IOReportGroupName"="AOP","IOReportChannels"=((0x5254537475730000,0x900020002,"status")),"IOReportChannelI
nfo"={"IOReportChannelUnit"=0x100007980000018},"IOReportSubGroupName"="IOP State"})
|| |   | }
|| |   |
|| |   +-o RTBuddyService  <class RTBuddyService, id 0x100000650, registered, matched, active, busy 0 (31 ms),
retain 6>
|| |   | | {
|| |   | |   "IOProbeScore" = 0x3e8
|| |   | |   "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
|| |   | |   "IOMatchCategory" = "RTBuddyService"
|| |   | |   "IOClass" = "RTBuddyService"
|| |   | |   "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
|| |   | |   "IOProviderClass" = "RTBuddy"
|| |   | |   "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
|| |   | |   "IOMatchedAtBoot" = Yes
|| |   | |   "role" = "AOP"
|| |   | | }
|| |   | |
|| |   | +-o AppleSPUFirmwareService  <class AppleSPUFirmwareService, id 0x100000651, registered, matched,
active, busy 0 (30 ms), retain 5>
|| |   | |   {
|| |   | |     "IOPropertyMatch" = {"role"="AOP"}
|| |   | |     "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
|| |   | |     "IOMatchCategory" = "RTBuddyFirmwareService"
|| |   | |     "IOClass" = "AppleSPUFirmwareService"
|| |   | |     "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
|| |   | |     "IOProviderClass" = "RTBuddyService"
|| |   | |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
|| |   | |     "IOProbeScore" = 0x0
|| |   | |     "IOMatchedAtBoot" = Yes
|| |   | |     "Role" = "AOP"
|| |   | |   }
|| |   | |
|| |   | +-o RTBuddyIOReportingEndpoint  <class RTBuddyIOReportingEndpoint, id 0x100000675, registered, matched,
active, busy 0 (6 ms), retain 7>
|| |   | |   {
|| |   | |     "IOReportLegend" =
({"IOReportGroupName"="AOP","IOReportChannels"=((0x5254494f75636e00,0x180000001,"update count"),
(0x5254494f6c757000,0x180000001,"last
update")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="IO Reporting statistics"},
{"IOReportGroupName"="AOP","IOReportChannels"=((0x525444757479436c,0x100020001,"Duty
cycle")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="Power"},
{"IOReportGroupName"="AOP","IOReportChannels"=((0x5254536c70436e74,0x100020001,"Sleep $
|| |   | |     "IOReportLegendPublic" = Yes
|| |   | |   }
|| |   | |
|| |   | +-o AOPEndpoint1  <class RTBuddyEndpointService, id 0x100000676, registered, matched, active, busy 0 (64
ms), retain 7>
|| |   | | | {
|| |   | | | }
|| |   | | |
|| |   | +-o AppleSPU@10000005  <class AppleSPU, id 0x100000698, registered, matched, active, busy 0 (56 ms),
retain 10>
|| |   | | | {
|| |   | | |   "IOClass" = "AppleSPU"
```

```
|| |     | |   "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
|| |     | |   "IOProviderClass" = "RTBuddyEndpointService"
|| |     | |   "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2}
|| |     | |   "IOProbeScore" = 0x0
|| |     | |   "IONameMatch" =
("AOPEndpoint1","AOPEndpoint2","AOPEndpoint3","AOPEndpoint4","AOPEndpoint5","AOPEndpoint6","AOPEndpoint7","AOP
Endpoint8","AOPEndpoint9","AOPEndpoint10","AOPEndpoint11","AOPEndpoint12","AOPEndpoint13","AOPEndpoint14","AOPE
ndpoint15","AOPEndpoint16","AOPEndpoint17","AOPEndpoint18","AOPEndpoint19","AOPEndpoint20","AOPEndpoint21","AOP
Endpoint22","AOPEndpoint23","AOPEndpoint24","AOPEndpoint25","AOPEndpoint26","AOPEndpoint27","AOPEndpoint28","A
OPEndpoint29","AOPEndpoint30","AOPEndpoint31","AOPEndpoint32","SP$
|| |     | |   "IOMatchedAtBoot" = Yes
|| |     | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |     | |   "IOReportLegend" = ({"IOReportGroupName"="AOP endpoint
32","IOReportChannels"=((0x57414b4530303030,0x100020001,"spu_none"),
(0x57414b4530303031,0x100020001,"spu"),(0x57414b4530303032,0x100020001,"spu_queue_overflow_ep"),
(0x57414b4530303033,0x100020001,"spu_osmium"),(0x57414b4530303034,0x100020001,"spu_platinum"),
(0x57414b4530303035,0x100020001,"spu_activity_alarm"),
(0x57414b4530303036,0x100020001,"spu_sedentary_alarm"),(0x57414b4530303037,0x100020001,"spu_gesture"),
(0x57414b4530303038,0x100020001,"spu_touch"),(0x57414b$
|| |     | |   "IOReportLegendPublic" = Yes
|| |     | |   "slaveAlignment" = 0x80
|| |     | |   "IONameMatched" = "AOPEndpoint1"
|| |     | |   "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
|| |     | |   "rx queue size" = 0x8000
|| |     | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
|| |     | |   "tx queue size" = 0x8000
|| |     | |   "allowed-action-list" = {"SPUApp"={"perform-
command"={"32"=Yes,"10"=Yes,"40"=Yes,"33"=Yes,"48"=Yes,"41"=Yes,"34"=Yes,"0"=Yes,"42"=Yes,"35"=Yes,"121"=Yes,"36
"=Yes,"4"=Yes,"37"=Yes,"44"=Yes,"45"=Yes,"38"=Yes,"46"=Yes,"39"=Yes,"47"=Yes},"set-
property"={"222"=Yes,"211"=Yes,"219"=Yes,"208"=Yes,"220"=Yes,"225"=Yes,"228"=Yes,"217"=Yes,"69"=Yes,"44"=Yes,"70"
=Yes,"226"=Yes,"209"=Yes,"210"=Yes,"221"=Yes,"71"=Yes,"218"=Yes,"224"=Yes,"72"=Yes},"get-
property"={"216"=Yes,"225"=Yes,"214"=Yes,"220"=Yes,"43"=Yes,"69"=Yes,"223"=Yes,"71$
|| |     | |}
|| |     | |
|| |     | +-o SPUApp  <class AppleSPUAppInterface, id 0x1000006db, registered, matched, active, busy 0 (48 ms),
retain 9>
|| |     | ||{
|| |     | ||   "DebugState" = {"_aop_latency"=0x1,"_ap_latency"=0xed}
|| |     | ||   "IOUserClientClass" = "AppleSPUUserClient"
|| |     | ||   "service_id" = 0x10000000
|| |     | ||   "IOReportLegendPublic" = Yes
|| |     | ||   "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"DevicePowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerStat
e"=0x2}
|| |     | ||   "IOReportLegend" =
({"IOReportGroupName"="AOP","IOReportChannels"=((0x4e554d2052452030,0x100020001,"Ready reports"),
(0x4e554d2052452031,0x100020001,"Gyro reports"),(0x4e554d2052452032,0x100020001,"Accel reports"),
(0x4e554d2052452033,0x100020001,"Compass reports"),(0x4e554d2052452034,0x100020001,"HID reports"),
(0x4e554d2052452039,0x100020001,"Grape reports"),(0x4e554d2052452041,0x100020001,"Platinum reports"),
(0x4e554d2052452042,0x100020001,"Lisa reports"),(0x4e554d2052452043,0x100020001,"ALS reports"),
(0x4e554d20524$
|| |     | ||}
|| |     | ||
|| |     | |+-o AppleSPUAppDriver  <class AppleSPUAppDriver, id 0x1000006e7, registered, matched, active, busy 0
(42 ms), retain 7>
|| |     | | |{
|| |     | | |   "IOClass" = "AppleSPUAppDriver"
|| |     | | |   "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
|| |     | | |   "IOProviderClass" = "AppleSPUAppInterface"
|| |     | | |   "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| |     | | |   "IOUserClientClass" = "AppleSPUAppDriverUserClient"
|| |     | | |   "IOProbeScore" = 0x0
|| |     | | |   "IONameMatch" = ("SPUApp")
|| |     | | |   "IOMatchedAtBoot" = Yes
|| |     | | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |     | | |   "IONameMatched" = "SPUApp"
|| |     | | |   "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
|| |     | | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
|| |     | | |}
|| |     | | |
|| |     | | +-o AppleSPUProfileDriver  <class AppleSPUProfileDriver, id 0x1000006f6, registered, matched, active,
busy 0 (37 ms), retain 5>
|| |     | |     {
|| |     | |       "IOProbeScore" = 0x0
|| |     | |       "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
|| |     | |       "IOMatchCategory" = "AppleSPUProfileDriver"
|| |     | |       "IOClass" = "AppleSPUProfileDriver"
|| |     | |       "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
|| |     | |       "IOProviderClass" = "AppleSPUAppDriver"
|| |     | |       "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
|| |     | |       "IOMatchedAtBoot" = Yes
|| |     | |       "IOUserClientClass" = "AppleSPUProfileDriverUserClient"
|| |     | |     }
|| |     | |
|| |     | +-o i2c  <class AppleSPUAppInterface, id 0x1000006e0, registered, matched, active, busy 0 (0 ms), retain 7>
|| |     |     {
|| |     |       "DebugState" = {"_aop_latency"=0x1,"_ap_latency"=0x156}
|| |     |       "IOUserClientClass" = "AppleSPUUserClient"
|| |     |       "service_id" = 0x10000005
```

```
    || |   |       "IOReportLegendPublic" = Yes
    || |   |       "IOPowerManagement" =
{"DevicePowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2}
    || |   |       "IOReportLegend" =
({"IOReportGroupName"="AOP","IOReportChannels"=((0x4e554d2052452030,0x100020001,"Ready reports"),
(0x4e554d2052452031,0x100020001,"Gyro reports"),(0x4e554d2052452032,0x100020001,"Accel reports"),
(0x4e554d2052452033,0x100020001,"Compass reports"),(0x4e554d2052452034,0x100020001,"HID reports"),
(0x4e554d2052452039,0x100020001,"Grape reports"),(0x4e554d2052452041,0x100020001,"Platinum reports"),
(0x4e554d2052452042,0x100020001,"Lisa reports"),(0x4e554d2052452043,0x100020001,"ALS reports"),
(0x4e554d20524$
    || |   |   }
    || |   |
    || |   +-o AOPEndpoint2  <class RTBuddyEndpointService, id 0x100000677, registered, matched, active, busy 0 (16
ms), retain 7>
    || |   || {
    || |   || }
    || |   ||
    || |   | +-o AppleSPU  <class AppleSPU, id 0x10000068a, registered, matched, active, busy 0 (8 ms), retain 6>
    || |   |   {
    || |   |       "IOClass" = "AppleSPU"
    || |   |       "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
    || |   |       "IOProviderClass" = "RTBuddyEndpointService"
    || |   |       "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x2,"CurrentPowerState"=0x2}
    || |   |       "IOProbeScore" = 0x0
    || |   |       "IONameMatch" =
("AOPEndpoint1","AOPEndpoint2","AOPEndpoint3","AOPEndpoint4","AOPEndpoint5","AOPEndpoint6","AOPEndpoint7","AOP
Endpoint8","AOPEndpoint9","AOPEndpoint10","AOPEndpoint11","AOPEndpoint12","AOPEndpoint13","AOPEndpoint14","AOPE
ndpoint15","AOPEndpoint16","AOPEndpoint17","AOPEndpoint18","AOPEndpoint19","AOPEndpoint20","AOPEndpoint21","AOP
Endpoint22","AOPEndpoint23","AOPEndpoint24","AOPEndpoint25","AOPEndpoint26","AOPEndpoint27","AOPEndpoint28","A
OPEndpoint29","AOPEndpoint30","AOPEndpoint31","AOPEndpoint32","SP$
    || |   |       "IOMatchedAtBoot" = Yes
    || |   |       "IOMatchCategory" = "IODefaultMatchCategory"
    || |   |       "IOReportLegend" = ({"IOReportGroupName"="AOP endpoint
33","IOReportChannels"=((0x57414b4530303030,0x100020001,"spu_none"),
(0x57414b4530303031,0x100020001,"spu"),(0x57414b4530303032,0x100020001,"spu_queue_overflow_ep"),
(0x57414b4530303033,0x100020001,"spu_osmium"),(0x57414b4530303034,0x100020001,"spu_platinum"),
(0x57414b4530303035,0x100020001,"spu_activity_alarm"),
(0x57414b4530303036,0x100020001,"spu_sedentary_alarm"),(0x57414b4530303037,0x100020001,"spu_gesture"),
(0x57414b4530303038,0x100020001,"spu_touch"),(0x57414b$
    || |   |       "IOReportLegendPublic" = Yes
    || |   |       "slaveAlignment" = 0x80
    || |   |       "IONameMatched" = "AOPEndpoint2"
    || |   |       "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
    || |   |       "rx queue size" = 0x8000
    || |   |       "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
    || |   |       "tx queue size" = 0x8000
    || |   |       "allowed-action-list" = {"SPUApp"={"perform-
command"={"32"=Yes,"10"=Yes,"40"=Yes,"33"=Yes,"48"=Yes,"41"=Yes,"34"=Yes,"0"=Yes,"42"=Yes,"35"=Yes,"121"=Yes,"36
"=Yes,"4"=Yes,"37"=Yes,"44"=Yes,"45"=Yes,"38"=Yes,"46"=Yes,"39"=Yes,"47"=Yes},"set-
property"={"222"=Yes,"211"=Yes,"219"=Yes,"208"=Yes,"220"=Yes,"225"=Yes,"228"=Yes,"217"=Yes,"69"=Yes,"44"=Yes,"70"
=Yes,"226"=Yes,"209"=Yes,"210"=Yes,"221"=Yes,"71"=Yes,"218"=Yes,"224"=Yes,"72"=Yes},"get-
property"={"216"=Yes,"225"=Yes,"214"=Yes,"220"=Yes,"43"=Yes,"69"=Yes,"223"=Yes,"71$
    || |   |   }
    || |   |
    || |   +-o AOPEndpoint3  <class RTBuddyEndpointService, id 0x100000678, registered, matched, active, busy 0 (19
ms), retain 7>
    || |   || {
    || |   || }
    || |   ||
    || |   | +-o AppleSPU  <class AppleSPU, id 0x100000696, registered, matched, active, busy 0 (9 ms), retain 6>
    || |   |   {
    || |   |       "IOClass" = "AppleSPU"
    || |   |       "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
    || |   |       "IOProviderClass" = "RTBuddyEndpointService"
    || |   |       "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x2,"CurrentPowerState"=0x2}
    || |   |       "IOProbeScore" = 0x0
    || |   |       "IONameMatch" =
("AOPEndpoint1","AOPEndpoint2","AOPEndpoint3","AOPEndpoint4","AOPEndpoint5","AOPEndpoint6","AOPEndpoint7","AOP
Endpoint8","AOPEndpoint9","AOPEndpoint10","AOPEndpoint11","AOPEndpoint12","AOPEndpoint13","AOPEndpoint14","AOPE
ndpoint15","AOPEndpoint16","AOPEndpoint17","AOPEndpoint18","AOPEndpoint19","AOPEndpoint20","AOPEndpoint21","AOP
Endpoint22","AOPEndpoint23","AOPEndpoint24","AOPEndpoint25","AOPEndpoint26","AOPEndpoint27","AOPEndpoint28","A
OPEndpoint29","AOPEndpoint30","AOPEndpoint31","AOPEndpoint32","SP$
    || |   |       "IOMatchedAtBoot" = Yes
    || |   |       "IOMatchCategory" = "IODefaultMatchCategory"
    || |   |       "IOReportLegend" = ({"IOReportGroupName"="AOP endpoint
34","IOReportChannels"=((0x57414b4530303030,0x100020001,"spu_none"),
(0x57414b4530303031,0x100020001,"spu"),(0x57414b4530303032,0x100020001,"spu_queue_overflow_ep"),
(0x57414b4530303033,0x100020001,"spu_osmium"),(0x57414b4530303034,0x100020001,"spu_platinum"),
(0x57414b4530303035,0x100020001,"spu_activity_alarm"),
(0x57414b4530303036,0x100020001,"spu_sedentary_alarm"),(0x57414b4530303037,0x100020001,"spu_gesture"),
(0x57414b4530303038,0x100020001,"spu_touch"),(0x57414b$
    || |   |       "IOReportLegendPublic" = Yes
    || |   |       "slaveAlignment" = 0x80
    || |   |       "IONameMatched" = "AOPEndpoint3"
    || |   |       "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
    || |   |       "rx queue size" = 0x8000
    || |   |       "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
    || |   |       "tx queue size" = 0x8000
    || |   |       "allowed-action-list" = {"SPUApp"={"perform-
command"={"32"=Yes,"10"=Yes,"40"=Yes,"33"=Yes,"48"=Yes,"41"=Yes,"34"=Yes,"0"=Yes,"42"=Yes,"35"=Yes,"121"=Yes,"36
```

"=Yes,"4"=Yes,"37"=Yes,"44"=Yes,"45"=Yes,"38"=Yes,"46"=Yes,"39"=Yes,"47"=Yes},"set-property"={"222"=Yes,"211"=Yes,"219"=Yes,"208"=Yes,"220"=Yes,"225"=Yes,"228"=Yes,"217"=Yes,"69"=Yes,"44"=Yes,"70"=Yes,"226"=Yes,"209"=Yes,"210"=Yes,"221"=Yes,"71"=Yes,"218"=Yes,"224"=Yes,"72"=Yes},"get-property"={"216"=Yes,"225"=Yes,"214"=Yes,"220"=Yes,"43"=Yes,"69"=Yes,"223"=Yes,"71$
    || | | }
    || | |
    || | +-o AOPEndpoint5 <class RTBuddyEndpointService, id 0x10000067a, registered, matched, active, busy 0 (256 ms), retain 7>
    || | ||{
    || | ||}
    || | ||
    || | |+-o AppleSPU@10000009 <class AppleSPU, id 0x100000686, registered, matched, active, busy 0 (250 ms), retain 8>
    || | | |{
    || | | | "IOClass" = "AppleSPU"
    || | | | "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
    || | | | "IOProviderClass" = "RTBuddyEndpointService"
    || | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2}
    || | | | "IOProbeScore" = 0x0
    || | | | "IONameMatch" =
("AOPEndpoint1","AOPEndpoint2","AOPEndpoint3","AOPEndpoint4","AOPEndpoint5","AOPEndpoint6","AOPEndpoint7","AOPEndpoint8","AOPEndpoint9","AOPEndpoint10","AOPEndpoint11","AOPEndpoint12","AOPEndpoint13","AOPEndpoint14","AOPEndpoint15","AOPEndpoint16","AOPEndpoint17","AOPEndpoint18","AOPEndpoint19","AOPEndpoint20","AOPEndpoint21","AOPEndpoint22","AOPEndpoint23","AOPEndpoint24","AOPEndpoint25","AOPEndpoint26","AOPEndpoint27","AOPEndpoint28","AOPEndpoint29","AOPEndpoint30","AOPEndpoint31","AOPEndpoint32","SP$
    || | | | "IOMatchedAtBoot" = Yes
    || | | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | | "IOReportLegend" = ({"IOReportGroupName"="AOP endpoint
36","IOReportChannels"=((0x57414b4530303030,0x100020001,"spu_none"),
(0x57414b4530303031,0x100020001,"spu"),(0x57414b4530303032,0x100020001,"spu_queue_overflow_ep"),
(0x57414b4530303033,0x100020001,"spu_osmium"),(0x57414b4530303034,0x100020001,"spu_platinum"),
(0x57414b4530303035,0x100020001,"spu_activity_alarm"),
(0x57414b4530303036,0x100020001,"spu_sedentary_alarm"),(0x57414b4530303037,0x100020001,"spu_gesture"),
(0x57414b4530303038,0x100020001,"spu_touch"),(0x57414b$
    || | | | "IOReportLegendPublic" = Yes
    || | | | "slaveAlignment" = 0x80
    || | | | "IONameMatched" = "AOPEndpoint5"
    || | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
    || | | | "rx queue size" = 0x8000
    || | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
    || | | | "tx queue size" = 0x8000
    || | | | "allowed-action-list" = {"SPUApp"={"perform-command"={"32"=Yes,"10"=Yes,"40"=Yes,"33"=Yes,"48"=Yes,"41"=Yes,"34"=Yes,"0"=Yes,"42"=Yes,"35"=Yes,"121"=Yes,"36"=Yes,"4"=Yes,"37"=Yes,"44"=Yes,"45"=Yes,"38"=Yes,"46"=Yes,"39"=Yes,"47"=Yes},"set-property"={"222"=Yes,"211"=Yes,"219"=Yes,"208"=Yes,"220"=Yes,"225"=Yes,"228"=Yes,"217"=Yes,"69"=Yes,"44"=Yes,"70"=Yes,"226"=Yes,"209"=Yes,"210"=Yes,"221"=Yes,"71"=Yes,"218"=Yes,"224"=Yes,"72"=Yes},"get-property"={"216"=Yes,"225"=Yes,"214"=Yes,"220"=Yes,"43"=Yes,"69"=Yes,"223"=Yes,"71$
    || | | |}
    || | | |
    || | | +-o als <class AppleSPUHIDInterface, id 0x1000006d8, registered, matched, active, busy 0 (241 ms), retain 9>
    || | | | |{
    || | | | | "DebugState" = {"_aop_latency"=0x68a,"_ap_latency"=0x439}
    || | | | | "IOUserClientClass" = "AppleSPUUserClient"
    || | | | | "service_id" = 0x10000009
    || | | | | "IOReportLegendPublic" = Yes
    || | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"DevicePowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2}
    || | | | | "IOReportLegend" =
({"IOReportGroupName"="AOP","IOReportChannels"=((0x4e554d2052452030,0x100020001,"Ready reports"),
(0x4e554d2052452031,0x100020001,"Gyro reports"),(0x4e554d2052452032,0x100020001,"Accel reports"),
(0x4e554d2052452033,0x100020001,"Compass reports"),(0x4e554d2052452034,0x100020001,"HID reports"),
(0x4e554d2052452039,0x100020001,"Grape reports"),(0x4e554d2052452041,0x100020001,"Platinum reports"),
(0x4e554d2052452042,0x100020001,"Lisa reports"),(0x4e554d2052452043,0x100020001,"ALS reports"),
(0x4e554d20524$
    || | | | |}
    || | | | |
    || | | | +-o AppleSPUHIDDevice <class AppleSPUHIDDevice, id 0x1000006e4, registered, matched, active, busy 0 (224 ms), retain 7>
    || | | | | |{
    || | | | | "IOClass" = "AppleSPUHIDDevice"
    || | | | | "Transport" = "SPU"
    || | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
    || | | | | "IOMatchedAtBoot" = Yes
    || | | | | "IOReportLegendPublic" = Yes
    || | | | | "MaxInputReportSize" = 0x37
    || | | | | "IOProviderClass" = "AppleSPUHIDInterface"
    || | | | | "Manufacturer" = "Apple"
    || | | | | "Built-In" = Yes
    || | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x4})
    || | | | | "IOProbeScore" = 0x0
    || | | | | "ReportDescriptor" = <0600ff0a0400a101150026ff00750895378100c0>
    || | | | | "MaxOutputReportSize" = 0x0
    || | | | | "IOUserClientClass" = "IOHIDLibUserClient"
    || | | | | "IOCFPlugInTypes" = {"7ACF5332-1A35-4893-87CB-BA64E1887FAE"="AppleSPU.kext/Contents/PlugIns/AppleSPULib.plugin","7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin","40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}

```
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
|| | | | "RegisterService" = No
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
|| | | | "PrimaryUsage" = 0x4
|| | | | "LocationID" = 0x0
|| | | | "Elements" =
({"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"UsagePage"=0xff00,"Usa
ge"=0x4},
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x0,"Max"=0x0,"IsArray"=Yes,"Type"=0x5,"Size"=
0x0,"Min"=0x0,"Flags"=0x0,"ReportID"=0x0,"Usage"=0xffffffffffffffff,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"R
eportSize"=0x0,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0x0,"Element
Cookie"=0x3},{"VariableSize"=0x0,"UnitExpo$
|| | | | "ReportInterval" = 0x1f40
|| | | | "IOReportLegend" = ({"IOReportGroupName"="IOHIDDevice Input Report
Errors","IOReportChannels"=((0x0,0x100020001,"Report
0")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="Input Report IDs"})
|| | | | "PrimaryUsagePage" = 0xff00
|| | | | "DeviceOpenedByEventSystem" = No
|| | | | "MaxFeatureReportSize" = 0x0
|| | | | "InputReportElements" =
({"ReportID"=0x0,"ElementCookie"=0x4,"Size"=0x1b8,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0
x0,"ReportSize"=0x1b8,"Usage"=0x0})
|| | | |}
|| | | |
|| | | +-o IOHIDInterface  <class IOHIDInterface, id 0x10000072b, registered, matched, active, busy 0 (207 ms),
retain 8>
|| | | |{
|| | | | "MaxOutputReportSize" = 0x0
|| | | | "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
|| | | | "DeviceOpenedByEventSystem" = No
|| | | | "IOServiceDEXTEntitlements" =
(("com.apple.developer.driverkit.transport.hid","com.apple.developer.driverkit.builtin"))
|| | | | "PrimaryUsage" = 0x4
|| | | | "LocationID" = 0x0
|| | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x4})
|| | | | "Transport" = "SPU"
|| | | | "ReportInterval" = 0x1f40
|| | | | "ReportDescriptor" = <0600ff0a0400a101150026ff00750895378100c0>
|| | | | "Built-In" = Yes
|| | | | "Manufacturer" = "Apple"
|| | | | "PrimaryUsagePage" = 0xff00
|| | | | "MaxFeatureReportSize" = 0x0
|| | | | "MaxInputReportSize" = 0x37
|| | | |}
|| | | |
|| | | +-o AppleSPUCT720  <class AppleSPUCT720, id 0x100000753, registered, matched, active, busy 0 (184
ms), retain 9>
|| | | |{
|| | | | "CFSN" = <010000000000000000d00b0000000000400d01ef>
|| | | | "calibration_state" = 0x1
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "PrimaryUsagePage" = 0xff00
|| | | | "CalibrationResult" = 0x1
|| | | | "crgb" = 0x1
|| | | | "VersionNumber" = 0x0
|| | | | "VendorID" = 0x0
|| | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | "Built-In" = Yes
|| | | | "DebugState" =
{"_num_events"=0x0,"_num_events_after_wake"=0x0,"_num_events_before_sleep"=0x0,"_last_event_timestamp"=0x0}
|| | | | "CurrentLux" = 0x27
|| | | | "LogLevel" = 0x6
|| | | | "motionRestrictedService" = No
|| | | | "Transport" = "SPU"
|| | | | "ALSGain" = 0x100
|| | | | "Manufacturer" = "Apple"
|| | | | "ProductID" = 0x0
|| | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x4})
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleALSColorSensor"
|| | | | "IOPowerManagement" =
{"CapabilityFlags"=0x8000,"MaxPowerState"=0x2,"CurrentPowerState"=0x2}
|| | | | "SysConfigCalibration" = No
|| | | | "CalibrationType" = 0x2
|| | | | "CalibrationData" =
<010200000059150e000191009a59fa00640064000808080409f8ecffff870e00004bcbffff70300000ff713015dfff0f0500
00000000010c83827e00800080b18124808780eb80697f000000000001e181ed8000808a7f4581de7f597f197f977b0000
00000001717cd4810080197f9681d87f857f5b7f187c000000000003da806c80c97f787f8a811480bd7ffb7f0c7d>
|| | | | "ALSSlowIntegrationTime" = 0x3d090
|| | | | "NumberOfChannels" = 0x4
|| | | | "manufacturer" = "FireFish2"
|| | | | "UseAABPlugin" = Yes
|| | | | "Orientation" = 0x1
|| | | | "ALSSensorType" = 0x2
|| | | | "Calibrated" = Yes
|| | | | "VendorIDSource" = 0x0
|| | | | "ReportInterval" = 0x5c4e0
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleALSColorSensor"
|| | | | "FastModeFilter" = Yes
```

```
    || |    |      |    "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || |    |      |    "IOProviderClass" = "IOHIDInterface"
    || |    |      |    "ALSSuperFastIntegrationTime" = 0x182b8
    || |    |      |    "LocationID" = 0x0
    || |    |      |    "ChannelRatioMitigation" = 0x1
    || |    |      |    "IOClass" = "AppleSPUCT720"
    || |    |      |    "CFBundleIdentifierKernel" = "com.apple.driver.AppleALSColorSensor"
    || |    |      |    "PrimaryUsage" = 0x4
    || |    |      |    "CountryCode" = 0x0
    || |    |      |    "HIDServiceSupport" = Yes
    || |    |      |    "Placement" = 0x1
    || |    |      |    "IOMatchCategory" = "IODefaultMatchCategory"
    || |    |      |    "chip_id" = 0xe1559e3
    || |    |      |    "IOProbeScore" = 0x4b0
    || |    |      |    "FDRCalibration" = Yes
    || |    |      |    "IOGeneralInterest" = "IOCommand is not serializable"
    || |    |      |    "ALSFastIntegrationTime" = 0x186a0
    || |    |      |  }
    || |    |      |
    || |    |      +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000ad9, !registered, !
matched, active, busy 0, retain 6>
    || |    |      |        {
    || |    |      |          "IOUserClientDefaultLockingSetProperties" = Yes
    || |    |      |          "IOUserClientDefaultLocking" = Yes
    || |    |      |          "IOUserClientCreator" = "pid 385, WindowServer"
    || |    |      |          "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || |    |      |          "IOUserClientEntitlements" = No
    || |    |      |          "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x2bc0,"NotificationForce"=0x0,"NotificationCount"=0x31049,"head"=0x2bc0},"
EnqueueEventCount"=0x3104a,"LastEventType"=0xc,"LastEventTime"=0xb49ea5c}
    || |    |      |        }
    || |    |      |
    || |    |      +-o AOPEndpoint6  <class RTBuddyEndpointService, id 0x100000682, registered, matched, active, busy 0 (262
ms), retain 7>
    || |    |        || {
    || |    |        || }
    || |    |        ||
    || |    |        +-o AppleSPU@10000001  <class AppleSPU, id 0x100000687, registered, matched, active, busy 0 (249 ms),
retain 8>
    || |    |        | | {
    || |    |        | |   "IOClass" = "AppleSPU"
    || |    |        | |   "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
    || |    |        | |   "IOProviderClass" = "RTBuddyEndpointService"
    || |    |        | |   "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2}
    || |    |        | |   "IOProbeScore" = 0x0
    || |    |        | |   "IONameMatch" =
("AOPEndpoint1","AOPEndpoint2","AOPEndpoint3","AOPEndpoint4","AOPEndpoint5","AOPEndpoint6","AOPEndpoint7","AOP
Endpoint8","AOPEndpoint9","AOPEndpoint10","AOPEndpoint11","AOPEndpoint12","AOPEndpoint13","AOPEndpoint14","AOPE
ndpoint15","AOPEndpoint16","AOPEndpoint17","AOPEndpoint18","AOPEndpoint19","AOPEndpoint20","AOPEndpoint21","AOP
Endpoint22","AOPEndpoint23","AOPEndpoint24","AOPEndpoint25","AOPEndpoint26","AOPEndpoint27","AOPEndpoint28","A
OPEndpoint29","AOPEndpoint30","AOPEndpoint31","AOPEndpoint32","SP$
    || |    |        | |   "IOMatchedAtBoot" = Yes
    || |    |        | |   "IOMatchCategory" = "IODefaultMatchCategory"
    || |    |        | |   "IOReportLegend" = ({"IOReportGroupName"="AOP endpoint
37","IOReportChannels"=((0x57414b4530303030,0x100020001,"spu_none"),
(0x57414b4530303031,0x100020001,"spu"),(0x57414b4530303032,0x100020001,"spu_queue_overflow_ep"),
(0x57414b4530303033,0x100020001,"spu_osmium"),(0x57414b4530303034,0x100020001,"spu_platinum"),
(0x57414b4530303035,0x100020001,"spu_activity_alarm"),
(0x57414b4530303036,0x100020001,"spu_sedentary_alarm"),(0x57414b4530303037,0x100020001,"spu_gesture"),
(0x57414b4530303038,0x100020001,"spu_touch"),(0x57414b$
    || |    |        | |   "IOReportLegendPublic" = Yes
    || |    |        | |   "slaveAlignment" = 0x80
    || |    |        | |   "IONameMatched" = "AOPEndpoint6"
    || |    |        | |   "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
    || |    |        | |   "rx queue size" = 0x8000
    || |    |        | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
    || |    |        | |   "tx queue size" = 0x8000
    || |    |        | |   "allowed-action-list" = {"SPUApp"={"perform-
command"={"32"=Yes,"10"=Yes,"40"=Yes,"33"=Yes,"48"=Yes,"41"=Yes,"34"=Yes,"0"=Yes,"42"=Yes,"35"=Yes,"121"=Yes,"36
"=Yes,"4"=Yes,"37"=Yes,"44"=Yes,"45"=Yes,"38"=Yes,"46"=Yes,"39"=Yes,"47"=Yes},"set-
property"={"222"=Yes,"211"=Yes,"219"=Yes,"208"=Yes,"220"=Yes,"225"=Yes,"228"=Yes,"217"=Yes,"69"=Yes,"44"=Yes,"70"
=Yes,"226"=Yes,"209"=Yes,"210"=Yes,"221"=Yes,"71"=Yes,"218"=Yes,"224"=Yes,"72"=Yes},"get-
property"={"216"=Yes,"225"=Yes,"214"=Yes,"220"=Yes,"43"=Yes,"69"=Yes,"223"=Yes,"71$
    || |    |        | | }
    || |    |        | |
    || |    |        | +-o wakehint  <class AppleSPUHIDInterface, id 0x1000006d7, registered, matched, active, busy 0 (248 ms),
retain 9>
    || |    |        | | {
    || |    |        | |   "DebugState" = {"_aop_latency"=0x6,"_ap_latency"=0xcf}
    || |    |        | |   "IOUserClientClass" = "AppleSPUUserClient"
    || |    |        | |   "service_id" = 0x10000001
    || |    |        | |   "IOReportLegendPublic" = Yes
    || |    |        | |   "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"DevicePowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerStat
e"=0x2}
    || |    |        | |   "IOReportLegend" =
({"IOReportGroupName"="AOP","IOReportChannels"=((0x4e554d2052452030,0x100020001,"Ready reports"),
```

(0x4e554d2052452031,0x100020001,"Gyro reports"),(0x4e554d2052452032,0x100020001,"Accel reports"),
(0x4e554d2052452033,0x100020001,"Compass reports"),(0x4e554d2052452034,0x100020001,"HID reports"),
(0x4e554d2052452039,0x100020001,"Grape reports"),(0x4e554d2052452041,0x100020001,"Platinum reports"),
(0x4e554d2052452042,0x100020001,"Lisa reports"),(0x4e554d2052452043,0x100020001,"ALS reports"),
(0x4e554d20524$
  || | | | }
  || | | |
  || | | +-o AppleSPUHIDDevice <class AppleSPUHIDDevice, id 0x1000006e3, registered, matched, active, busy 0
(239 ms), retain 8>
  || | | | {
  || | | | "IOClass" = "AppleSPUHIDDevice"
  || | | | "Transport" = "SPU"
  || | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
  || | | | "IOMatchedAtBoot" = Yes
  || | | | "IOReportLegendPublic" = Yes
  || | | | "MaxInputReportSize" = 0x1
  || | | | "IOProviderClass" = "AppleSPUHIDInterface"
  || | | | "Manufacturer" = "Apple"
  || | | | "Built-In" = Yes
  || | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0xff})
  || | | | "IOProbeScore" = 0x0
  || | | | "ReportDescriptor" = <0600ff0aff00a101150026ff00750895018102c0>
  || | | | "MaxOutputReportSize" = 0x0
  || | | | "IOUserClientClass" = "IOHIDLibUserClient"
  || | | | "IOCFPlugInTypes" = {"7ACF5332-1A35-4893-87CB-BA64E1887FAE"="AppleSPU.kext/Contents/
PlugIns/AppleSPULib.plugin","7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
  || | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
  || | | | "RegisterService" = No
  || | | | "IOMatchCategory" = "IODefaultMatchCategory"
  || | | | "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
  || | | | "PrimaryUsage" = 0xff
  || | | | "LocationID" = 0x0
  || | | | "Elements" =
({"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"UsagePage"=0xff00,"Usa
ge"=0xff},
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x0,"Max"=0x0,"IsArray"=Yes,"Type"=0x5,"Size"=
0x0,"Min"=0x0,"Flags"=0x0,"ReportID"=0x0,"Usage"=0xffffffffffffffff,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"R
eportSize"=0x0,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0x0,"Elemen
tCookie"=0x3},{"VariableSize"=0x0,"UnitExp$
  || | | | "ReportInterval" = 0x1f40
  || | | | "IOReportLegend" = ({"IOReportGroupName"="IOHIDDevice Input Report
Errors","IOReportChannels"=((0x0,0x100020001,"Report
0")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="Input Report IDs"})
  || | | | "PrimaryUsagePage" = 0xff00
  || | | | "DeviceOpenedByEventSystem" = No
  || | | | "MaxFeatureReportSize" = 0x0
  || | | | "InputReportElements" =
({"ReportID"=0x0,"ElementCookie"=0x4,"Size"=0x8,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x0,
"ReportSize"=0x8,"Usage"=0x0})
  || | | | }
  || | | |
  || | | +-o IOHIDInterface <class IOHIDInterface, id 0x100000736, registered, matched, active, busy 0 (205 ms),
retain 8>
  || | | | | {
  || | | | | "MaxOutputReportSize" = 0x0
  || | | | | "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
  || | | | | "DeviceOpenedByEventSystem" = No
  || | | | | "IOServiceDEXTEntitlements" =
(("com.apple.developer.driverkit.transport.hid","com.apple.developer.driverkit.builtin"))
  || | | | | "PrimaryUsage" = 0xff
  || | | | | "LocationID" = 0x0
  || | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0xff})
  || | | | | "Transport" = "SPU"
  || | | | | "ReportInterval" = 0x1f40
  || | | | | "ReportDescriptor" = <0600ff0aff00a101150026ff00750895018102c0>
  || | | | | "Built-In" = Yes
  || | | | | "Manufacturer" = "Apple"
  || | | | | "PrimaryUsagePage" = 0xff00
  || | | | | "MaxFeatureReportSize" = 0x0
  || | | | | "MaxInputReportSize" = 0x1
  || | | | | }
  || | | | |
  || | | | +-o AppleSPUHIDDriver <class AppleSPUHIDDriver, id 0x10000075b, registered, matched, active, busy 0
(191 ms), retain 10>
  || | | | | {
  || | | | | "IOClass" = "AppleSPUHIDDriver"
  || | | | | "Transport" = "SPU"
  || | | | | "AppleVoltageDictionary" = {}
  || | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
  || | | | | "QueueSize" = 0x4000
  || | | | | "IOMatchedAtBoot" = Yes
  || | | | | "Built-In" = Yes
  || | | | | "IOProviderClass" = "IOHIDInterface"
  || | | | | "IOPowerManagement" =
{"CapabilityFlags"=0x8000,"MaxPowerState"=0x2,"CurrentPowerState"=0x2}
  || | | | | "Manufacturer" = "Apple"
  || | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0xff})

|| | | | | "IOProbeScore" = 0x3e8
|| | | | | "AOPSupportsAggregateDictionary" = Yes
|| | | | | "calibration_state" = 0x1
|| | | | | "DebugState" =
{"_num_events"=0x0,"_num_events_after_wake"=0x0,"_num_events_before_sleep"=0x0,"_last_event_timestamp"=0x0}
|| | | | | "VendorIDSource" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | "IOCFPlugInTypes" = {"0B842ADD-C395-4352-95F6-6585EB515623"="IOHIDFamily.kext/PlugIns/
IOHIDLib.plugin","7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","3BC5CC87-845E-48AB-A9C2-9436001BA68A"="AppleSPU.kext/Contents/PlugIns/
AppleSPULib.plugin"}
|| | | | | "CountryCode" = 0x0
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
|| | | | | "VendorID" = 0x0
|| | | | | "VersionNumber" = 0x0
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
|| | | | | "motionRestrictedService" = No
|| | | | | "PrimaryUsage" = 0xff
|| | | | | "LocationID" = 0x0
|| | | | | "ProductID" = 0x0
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "ReportInterval" = 0x0
|| | | | | "PrimaryUsagePage" = 0xff00
|| | | | | }
|| | | | |
|| | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ad8, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | | | "IOUserClientDefaultLockingSetProperties" = Yes
|| | | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | | "IOUserClientCreator" = "pid 385, WindowServer"
|| | | | | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| | | | | | "IOUserClientEntitlements" = No
|| | | | | | "DebugState" =
{"EnqueueEventCount"=0x179,"LastEventTime"=0x7b46d379c4e,"EventQueue"={"NoFullMsg"=0x0,"tail"=0x6c0,"Notificat
ionForce"=0x0,"NotificationCount"=0x179,"head"=0x6c0}}
|| | | | | | }
|| | | | | |
|| | | | +-o AppleSPUHIDDriverUserClient <class AppleSPUHIDDriverUserClient, id 0x100000b76, !registered, !
matched, active, busy 0, retain 5>
|| | | | | {
|| | | | | "IOUserClientCreator" = "pid 385, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | |
|| | | +-o AppleSPUHIDDeviceUserClient <class AppleSPUHIDDeviceUserClient, id 0x100000b77, !registered, !
matched, active, busy 0, retain 6>
|| | | | {
|| | | | "IOUserClientCreator" = "pid 385, WindowServer"
|| | | | "IOUserClientDefaultLocking" = Yes
|| | | | }
|| | |
|| | +-o AOPEndpoint7 <class RTBuddyEndpointService, id 0x100000683, registered, matched, active, busy 0 (68
ms), retain 7>
|| | || {
|| | || }
|| | ||
|| | | +-o AppleSPU <class AppleSPU, id 0x1000006b8, registered, matched, active, busy 0 (53 ms), retain 6>
|| | | | {
|| | | | "IOClass" = "AppleSPU"
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
|| | | | "IOProviderClass" = "RTBuddyEndpointService"
|| | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x2,"CurrentPowerState"=0x2}
|| | | | "IOProbeScore" = 0x0
|| | | | "IONameMatch" =
("AOPEndpoint1","AOPEndpoint2","AOPEndpoint3","AOPEndpoint4","AOPEndpoint5","AOPEndpoint6","AOPEndpoint7","AOP
Endpoint8","AOPEndpoint9","AOPEndpoint10","AOPEndpoint11","AOPEndpoint12","AOPEndpoint13","AOPEndpoint14","AOPE
ndpoint15","AOPEndpoint16","AOPEndpoint17","AOPEndpoint18","AOPEndpoint19","AOPEndpoint20","AOPEndpoint21","AOP
Endpoint22","AOPEndpoint23","AOPEndpoint24","AOPEndpoint25","AOPEndpoint26","AOPEndpoint27","AOPEndpoint28","A
OPEndpoint29","AOPEndpoint30","AOPEndpoint31","AOPEndpoint32","SP$
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "IOReportLegend" = ({"IOReportGroupName"="AOP endpoint
38","IOReportChannels"=((0x57414b4530303030,0x100020001,"spu_none"),
(0x57414b4530303031,0x100020001,"spu"),(0x57414b4530303032,0x100020001,"spu_queue_overflow_ep"),
(0x57414b4530303033,0x100020001,"spu_osmium"),(0x57414b4530303034,0x100020001,"spu_platinum"),
(0x57414b4530303035,0x100020001,"spu_activity_alarm"),
(0x57414b4530303036,0x100020001,"spu_sedentary_alarm"),(0x57414b4530303037,0x100020001,"spu_gesture"),
(0x57414b4530303038,0x100020001,"spu_touch"),(0x57414b$
|| | | | "IOReportLegendPublic" = Yes
|| | | | "slaveAlignment" = 0x80
|| | | | "IONameMatched" = "AOPEndpoint7"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
|| | | | "rx queue size" = 0x8000
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
|| | | | "tx queue size" = 0x8000
|| | | | "allowed-action-list" = {"SPUApp"={"perform-

command"={"32"=Yes,"10"=Yes,"40"=Yes,"33"=Yes,"48"=Yes,"41"=Yes,"34"=Yes,"0"=Yes,"42"=Yes,"35"=Yes,"121"=Yes,"36
"=Yes,"4"=Yes,"37"=Yes,"44"=Yes,"45"=Yes,"38"=Yes,"46"=Yes,"39"=Yes,"47"=Yes},"set-
property"={"222"=Yes,"211"=Yes,"219"=Yes,"208"=Yes,"220"=Yes,"225"=Yes,"228"=Yes,"217"=Yes,"69"=Yes,"44"=Yes,"70"
=Yes,"226"=Yes,"209"=Yes,"210"=Yes,"221"=Yes,"71"=Yes,"218"=Yes,"224"=Yes,"72"=Yes},"get-
property"={"216"=Yes,"225"=Yes,"214"=Yes,"220"=Yes,"43"=Yes,"69"=Yes,"223"=Yes,"71$
    || | | }
    || | |
    || | +-o AOPEndpoint8 <class RTBuddyEndpointService, id 0x100000684, registered, matched, active, busy 0 (78
ms), retain 7>
    || | || {
    || | || }
    || | ||
    || | | +-o AppleSPU@10000008 <class AppleSPU, id 0x1000006ac, registered, matched, active, busy 0 (66 ms),
retain 8>
    || | | | {
    || | | | "IOClass" = "AppleSPU"
    || | | | "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
    || | | | "IOProviderClass" = "RTBuddyEndpointService"
    || | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2}
    || | | | "IOProbeScore" = 0x0
    || | | | "IONameMatch" =
("AOPEndpoint1","AOPEndpoint2","AOPEndpoint3","AOPEndpoint4","AOPEndpoint5","AOPEndpoint6","AOPEndpoint7","AOP
Endpoint8","AOPEndpoint9","AOPEndpoint10","AOPEndpoint11","AOPEndpoint12","AOPEndpoint13","AOPEndpoint14","AOPE
ndpoint15","AOPEndpoint16","AOPEndpoint17","AOPEndpoint18","AOPEndpoint19","AOPEndpoint20","AOPEndpoint21","AOP
Endpoint22","AOPEndpoint23","AOPEndpoint24","AOPEndpoint25","AOPEndpoint26","AOPEndpoint27","AOPEndpoint28","A
OPEndpoint29","AOPEndpoint30","AOPEndpoint31","AOPEndpoint32","SP$
    || | | | "IOMatchedAtBoot" = Yes
    || | | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | | "IOReportLegend" = ({"IOReportGroupName"="AOP endpoint
39","IOReportChannels"=((0x57414b4530303030,0x100020001,"spu_none"),
(0x57414b4530303031,0x100020001,"spu"),(0x57414b4530303032,0x100020001,"spu_queue_overflow_ep"),
(0x57414b4530303033,0x100020001,"spu_osmium"),(0x57414b4530303034,0x100020001,"spu_platinum"),
(0x57414b4530303035,0x100020001,"spu_activity_alarm"),
(0x57414b4530303036,0x100020001,"spu_sedentary_alarm"),(0x57414b4530303037,0x100020001,"spu_gesture"),
(0x57414b4530303038,0x100020001,"spu_touch"),(0x57414b$
    || | | | "IOReportLegendPublic" = Yes
    || | | | "historical queue size" = 0x20000
    || | | | "slaveAlignment" = 0x80
    || | | | "IONameMatched" = "AOPEndpoint8"
    || | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
    || | | | "rx queue size" = 0x8000
    || | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
    || | | | "tx queue size" = 0x90000
    || | | | "allowed-action-list" = {"SPUApp"={"perform-
command"={"32"=Yes,"10"=Yes,"40"=Yes,"33"=Yes,"48"=Yes,"41"=Yes,"34"=Yes,"0"=Yes,"42"=Yes,"35"=Yes,"121"=Yes,"36
"=Yes,"4"=Yes,"37"=Yes,"44"=Yes,"45"=Yes,"38"=Yes,"46"=Yes,"39"=Yes,"47"=Yes},"set-
property"={"222"=Yes,"211"=Yes,"219"=Yes,"208"=Yes,"220"=Yes,"225"=Yes,"228"=Yes,"217"=Yes,"69"=Yes,"44"=Yes,"70"
=Yes,"226"=Yes,"209"=Yes,"210"=Yes,"221"=Yes,"71"=Yes,"218"=Yes,"224"=Yes,"72"=Yes},"get-
property"={"216"=Yes,"225"=Yes,"214"=Yes,"220"=Yes,"43"=Yes,"69"=Yes,"223"=Yes,"71$
    || | | | }
    || | | |
    || | | +-o aop-audio <class AppleSPUAppInterface, id 0x1000006dd, registered, matched, active, busy 0 (64 ms),
retain 16>
    || | | | {
    || | | | "IOReportLegend" =
({"IOReportGroupName"="AOP","IOReportChannels"=((0x4e554d2052452030,0x100020001,"Ready reports"),
(0x4e554d2052452031,0x100020001,"Gyro reports"),(0x4e554d2052452032,0x100020001,"Accel reports"),
(0x4e554d2052452033,0x100020001,"Compass reports"),(0x4e554d2052452034,0x100020001,"HID reports"),
(0x4e554d2052452039,0x100020001,"Grape reports"),(0x4e554d2052452041,0x100020001,"Platinum reports"),
(0x4e554d2052452042,0x100020001,"Lisa reports"),(0x4e554d2052452043,0x100020001,"ALS reports"),
(0x4e554d20524$
    || | | | "compatible" = <616f702d617564696f00>
    || | | | "DebugState" = {"_aop_latency"=0x1,"_ap_latency"=0xd9}
    || | | | "service_id" = 0x10000008
    || | | | "IOReportLegendPublic" = Yes
    || | | | "IOUserClientClass" = "AppleSPUUserClient"
    || | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"DevicePowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerStat
e"=0x2}
    || | | | "device_type" = <616f702d617564696f00>
    || | | | "AAPL,phandle" = <74000000>
    || | | | "name" = <616f702d617564696f00>
    || | | | }
    || | | |
    || | | +-o AppleAOPAudioController <class AppleAOPAudioController, id 0x1000006e5, registered, matched,
active, busy 0 (56 ms), retain 15>
    || | | | | {
    || | | | | "IOClass" = "AppleAOPAudioController"
    || | | | | "IOPlatformPanicAction" = 0x15ba8
    || | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleAOPAudio"
    || | | | | "IOResourceMatch" = "IOKit"
    || | | | | "IOMatchedAtBoot" = Yes
    || | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState
"=0x1}
    || | | | | "IOProviderClass" = "AppleSPUAppInterface"
    || | | | | "verbose level" = 0x1
    || | | | | "input clock domain" = 0x6d61696e
    || | | | | "IOReportLegendPublic" = Yes

```
|| |    |  || "channels per frame" = 0x3
|| |    |  || "IOProbeScore" = 0x0
|| |    |  || "IOUserClientClass" = "AppleAOPAudioUserClient"
|| |    |  || "listening enabled" = 0x0
|| |    |  || "device input latency in frames" = 0x1
|| |    |  || "historicDataSupported" = 0x1
|| |    |  || "bytes per sample" = 0x2
|| |    |  || "IONameMatch" = ("aop-audio")
|| |    |  || "listening on gesture supported" = 0x0
|| |    |  || "CFBundleIdentifierKernel" = "com.apple.driver.AppleAOPAudio"
|| |    |  || "input samples per sec" = 0x3e80
|| |    |  || "frames per packet" = 0x1
|| |    |  || "IOMatchCategory" = "IODefaultMatchCategory"
|| |    |  || "CFBundleIdentifier" = "com.apple.driver.AppleAOPAudio"
|| |    |  || "zero timestamp wrap frames" = 0xc80
|| |    |  || "IONameMatched" = "aop-audio"
|| |    |  || "IOGeneralInterest" = "IOCommand is not serializable"
|| |    |  || "IOReportLegend" = ({"IOReportGroupName"="AppleAOPAudio
Status","IOReportChannels"=((0x100000000,0x181000001,"controller_start_time_abs"),
(0x200000000,0x181000001,"drift_detect"),(0x300000000,0x181000001,"using_nominal_timestamps"),
(0x400000000,0x181000001,"drift_threshold_24MHz"),(0x500000000,0x181000001,"first_drift_io_event_id"),
(0x600000000,0x181000001,"drift_event_count"),(0x700000000,0x181000001,"max_drift_time_delta"),
(0x800000000,0x181000001,"ap_io_host_time_[drift]"),(0x900000000,0x181000001,"aop_zero_hos$
|| |    |  || "driver safety offset in frames" = 0x400
|| |    |  ||}
|| |    |  ||
|| |    |  | +-o audio-pdm2  <class AppleAOPAudioDeviceNode, id 0x1000006ef, registered, matched, active, busy 0
(35 ms), retain 9>
|| |    |  |||{
|| |    |  ||| "clockSource" = <206c6c70>
|| |    |  ||| "channelsEnabled" = <07000000>
|| |    |  ||| "AAPL,phandle" = <75000000>
|| |    |  ||| "pdmcFrequency" = <00366e01>
|| |    |  ||| "fastClockSpeed" = <00366e01>
|| |    |  ||| "channelCount" = <03000000>
|| |    |  ||| "channelsSupported" = <07000000>
|| |    |  ||| "pdmFrequency" = <009f2400>
|| |    |  ||| "name" = <617564696f2d70646d3200>
|| |    |  ||| "micTurnOnTimeMs" = <14000000>
|| |    |  ||| "bytesPerSample" = <02000000>
|| |    |  ||| "decimatorConfig" = <77000000>
|| |    |  ||| "compatible" = <617564696f2d616f702d70646d3200>
|| |    |  ||| "identifier" = <306d6470>
|| |    |  ||| "channelPolaritySelect" = <00010000>
|| |    |  ||| "channelPhaseSelect" = <00000000>
|| |    |  ||| "voiceTriggerChannel" = <01000000>
|| |    |  ||| "decimatorConfigForHighPowerClks" = <77000000>
|| |    |  ||| "micSettleTimeMs" = <32000000>
|| |    |  ||| "device_type" = <617564696f2d70646d3200>
|| |    |  ||| "slowClockSpeed" = <00366e01>
|| |    |  |||}
|| |    |  |||
|| |    |  ||+-o AppleAOPAudioPDM2Device  <class AppleAOPAudioPDM2Device, id 0x1000006f2, registered,
matched, active, busy 0 (0 ms), retain 7>
|| |    |  ||   {
|| |    |  ||    "IOClass" = "AppleAOPAudioPDM2Device"
|| |    |  ||    "CFBundleIdentifier" = "com.apple.driver.AppleAOPAudio"
|| |    |  ||    "IOProviderClass" = "AppleAOPAudioDeviceNode"
|| |    |  ||    "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| |    |  ||    "IOResourceMatch" = "IOKit"
|| |    |  ||    "IONameMatch" = ("audio-aop-pdm2","audio-pdm2")
|| |    |  ||    "IOProbeScore" = 0x0
|| |    |  ||    "IOMatchedAtBoot" = Yes
|| |    |  ||    "IOMatchCategory" = "IODefaultMatchCategory"
|| |    |  ||    "IONameMatched" = "audio-pdm2"
|| |    |  ||    "IOPersonalityPublisher" = "com.apple.driver.AppleAOPAudio"
|| |    |  ||    "CFBundleIdentifierKernel" = "com.apple.driver.AppleAOPAudio"
|| |    |  ||    "id0" = "pdm0"
|| |    |  ||    "IOFunctionParent00000075" = <>
|| |    |  ||   }
|| |    |  ||
|| |    |  | +-o dc-800000  <class AppleAOPAudioDeviceNode, id 0x1000006f0, registered, matched, active, busy 0
(2 ms), retain 8>
|| |    |  ||   {
|| |    |  ||    "latency" = <15000000>
|| |    |  ||    "ratios" = <05050200>
|| |    |  ||    "compatible" = <617564696f2d616f702d70646d3200>
|| |    |  ||    "coefficients" =
<dc460300711b0d009cc420003789410021b07200c364aa0089d2de00dd2406012b8716014a2500004caf0000c007020
0459904009a8408007d380d005f1a1100d981110080440b008ee5fbffca32e3ff52c7c4ffa6bca8ff83e69affb85ba8ff6baed
bffe7d838002442ba00332050016edce201422358022c509902cffaffff530affff6623fbffa03ef4ffe668f0ffb835f7ff56ec04
0037a3090000d4feff78a3f5ff03bffeff84d50b00be0b04005254f2ff6d3ff8ffc57f0f00e69e0c007903efffd533edffecd1110
07d691a00d0655eeff8866dcff57261000c78d2e00822ef3ff6369c4ffcd08070035344b00af21020083b6a1ffe2d$
|| |    |  ||    "filterLengths" = <112c5400>
|| |    |  ||    "identifier" = <38306364>
|| |    |  ||    "AAPL,phandle" = <76000000>
|| |    |  ||    "name" = <64632d38303030303030303000>
|| |    |  ||   }
|| |    |  ||
|| |    |  | +-o dc-2400000  <class AppleAOPAudioDeviceNode, id 0x1000006f3, registered, matched, active, busy 0
```

(24 ms), retain 10>
|| | | | || {
|| | | | || "latency" = <0f000000>
|| | | | || "ratios" = <0f050200>
|| | | | || "compatible" = <617564696f2d616f702d70646d3200>
|| | | | || "coefficients" =
<880300008208000051120000a230000ce3d00009766000043a200009cf60000536a0100e60402007ece0200aecf03
002e1105007d9b060075760800d8a80a00d2370d0082261000867513009722170039281b00897d1f002e16240069e228
0056cf2d0051c7320080b2370087773c004cfc4000d926450047de4800a00b4c00c19a4e001f7b500068a05100060352
004a2500004caf0000c0070200459904009a8408007d380d005f1a1100d981110080440b008ee5fbffca32e3ff52c7c4ffa
6bca8ff83e69affb85ba8ff6baedbffe7d838002442ba00332050016edce201422358022c509902cffaffff530affff6623fbffa
03ef4ffe66$
|| | | | || "filterLengths" = <472c5400>
|| | | | || "identifier" = <34326364>
|| | | | || "AAPL,phandle" = <77000000>
|| | | | || "name" = <64632d3234303030303000>
|| | | | || }
|| | | | ||
|| | | | |+-o audio-hp <class AppleAOPAudioDeviceNode, id 0x1000006f4, registered, matched, active, busy 0 (37
ms), retain 9>
|| | | | |||{
|| | | | ||| "compatible" = <617564696f2d616f702d687000>
|| | | | ||| "device_type" = <617564696f2d616f702d687000>
|| | | | ||| "name" = <617564696f2d687000>
|| | | | ||| "AAPL,phandle" = <78000000>
|| | | | ||| "identifier" = <69617068>
|| | | | |||}
|| | | | |||
|| | | | ||+-o AppleAOPAudioClientManager <class AppleAOPAudioClientManager, id 0x100000747, registered,
matched, active, busy 0 (0 ms), retain 8>
|| | | | || {
|| | | | || "IOClass" = "AppleAOPAudioClientManager"
|| | | | || "CFBundleIdentifier" = "com.apple.driver.AppleAOPAudio"
|| | | | || "IOProviderClass" = "AppleAOPAudioDeviceNode"
|| | | | || "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | || "IOResourceMatch" = "IOKit"
|| | | | || "IONameMatch" = ("audio-hp","audio-aop-ldcm","audio-aop-hawking","audio-leap-internal-
loopback","audio-leap-mca-loopback","audio-aop-speaker-manager","audio-aud-mca-baseband","audio-aud-mca-
loopback","audio-aop-mca2-pmgr","audio-aop-mca3-pmgr","audio-aop-mca4-pmgr","audio-aop-mca5-pmgr")
|| | | | || "IOProbeScore" = 0x0
|| | | | || "IOMatchedAtBoot" = Yes
|| | | | || "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | || "IOFunctionParent00000078" = <>
|| | | | || "IONameMatched" = "audio-hp"
|| | | | || "IOPersonalityPublisher" = "com.apple.driver.AppleAOPAudio"
|| | | | || "CFBundleIdentifierKernel" = "com.apple.driver.AppleAOPAudio"
|| | | | || "id0" = "hpai"
|| | | | || }
|| | | | ||
|| | | | |+-o audio-lp-mic-in <class AppleAOPAudioDeviceNode, id 0x1000006f5, registered, matched, active, busy
0 (53 ms), retain 9>
|| | | | |||{
|| | | | ||| "compatible" = <617564696f2d616f702d6c702d6d69632d696e00>
|| | | | ||| "device_type" = <617564696f2d616f702d6c702d6d69632d696e00>
|| | | | ||| "name" = <617564696f2d6c702d6d69632d696e00>
|| | | | ||| "AAPL,phandle" = <79000000>
|| | | | ||| "identifier" = <6961706c>
|| | | | |||}
|| | | | |||
|| | | | ||+-o AppleAOPAudioLPMicInDevice <class AppleAOPAudioLPMicInDevice, id 0x1000006f7, registered,
matched, active, busy 0 (20 ms), retain 7>
|| | | | || {
|| | | | || "IOClass" = "AppleAOPAudioLPMicInDevice"
|| | | | || "supportsHistoricalData" = 0x1
|| | | | || "IOPersonalityPublisher" = "com.apple.driver.AppleAOPAudio"
|| | | | || "IOResourceMatch" = "IOKit"
|| | | | || "IOMatchedAtBoot" = Yes
|| | | | || "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | || "IOProviderClass" = "AppleAOPAudioDeviceNode"
|| | | | || "channelStatus" = (0x0,0x0,0x0,0x0)
|| | | | || "clockDomain" = 0x6d61696e
|| | | | || "channels per frame" = 0x3
|| | | | || "device input latency in frames" = 0x1
|| | | | || "IOProbeScore" = 0x0
|| | | | || "channelControl" = (0x7,0x7,0x1,0x7)
|| | | | || "id0" = "lpai"
|| | | | || "listening enabled" = 0x0
|| | | | || "historicDataSupported" = 0x1
|| | | | || "bytes per sample" = 0x2
|| | | | || "IONameMatch" = ("audio-lp-mic-in","audio-aop-lp-mic-in")
|| | | | || "state" = "idle"
|| | | | || "listening on gesture supported" = 0x0
|| | | | || "CFBundleIdentifierKernel" = "com.apple.driver.AppleAOPAudio"
|| | | | || "IOFunctionParent00000079" = <>
|| | | | || "frames per packet" = 0x1
|| | | | || "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | || "CFBundleIdentifier" = "com.apple.driver.AppleAOPAudio"
|| | | | || "input samples per sec" = 0x3e80
|| | | | || "IONameMatched" = "audio-lp-mic-in"
|| | | | || "zero timestamp wrap frames" = 0xc80

```
|| |   |   ||      "historicalBytesSinceWake" = 0x0
|| |   |   ||      "driver safety offset in frames" = 0x400
|| |   |   ||    }
|| |   |   ||
|| |   |   | +-o AppleAOPAudioUserClient  <class AppleAOPAudioUserClient, id 0x100000b95, !registered, !matched,
active, busy 0, retain 5>
|| |   |   |   {
|| |   |   |     "IOUserClientCreator" = "pid 402, coreaudiod"
|| |   |   |     "IOUserClientDefaultLocking" = Yes
|| |   |   |   }
|| |   |   |
|| |   |   +-o AppleAOPAudioService  <class AppleAOPAudioService, id 0x1000006e6, !registered, !matched, active,
busy 0, retain 5>
|| |   |   |   {
|| |   |   |   }
|| |   |   |
|| |   +-o AOPEndpoint9  <class RTBuddyEndpointService, id 0x100000685, registered, matched, active, busy 0 (58
ms), retain 7>
|| |     |{
|| |     |}
|| |     |
|| |     +-o AppleSPU@10000007  <class AppleSPU, id 0x100000697, registered, matched, active, busy 0 (51 ms),
retain 8>
|| |       |{
|| |       |   "IOClass" = "AppleSPU"
|| |       |   "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
|| |       |   "IOProviderClass" = "RTBuddyEndpointService"
|| |       |   "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2}
|| |       |   "IOProbeScore" = 0x0
|| |       |   "IONameMatch" =
("AOPEndpoint1","AOPEndpoint2","AOPEndpoint3","AOPEndpoint4","AOPEndpoint5","AOPEndpoint6","AOPEndpoint7","AOP
Endpoint8","AOPEndpoint9","AOPEndpoint10","AOPEndpoint11","AOPEndpoint12","AOPEndpoint13","AOPEndpoint14","AOPE
ndpoint15","AOPEndpoint16","AOPEndpoint17","AOPEndpoint18","AOPEndpoint19","AOPEndpoint20","AOPEndpoint21","AOP
Endpoint22","AOPEndpoint23","AOPEndpoint24","AOPEndpoint25","AOPEndpoint26","AOPEndpoint27","AOPEndpoint28","A
OPEndpoint29","AOPEndpoint30","AOPEndpoint31","AOPEndpoint32","SP$
|| |       |   "IOMatchedAtBoot" = Yes
|| |       |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |       |   "IOReportLegend" = ({"IOReportGroupName"="AOP endpoint
40","IOReportChannels"=((0x57414b4530303030,0x100020001,"spu_none"),
(0x57414b4530303031,0x100020001,"spu"),(0x57414b4530303032,0x100020001,"spu_queue_overflow_ep"),
(0x57414b4530303033,0x100020001,"spu_osmium"),(0x57414b4530303034,0x100020001,"spu_platinum"),
(0x57414b4530303035,0x100020001,"spu_activity_alarm"),
(0x57414b4530303036,0x100020001,"spu_sedentary_alarm"),(0x57414b4530303037,0x100020001,"spu_gesture"),
(0x57414b4530303038,0x100020001,"spu_touch"),(0x57414b$
|| |       |   "IOReportLegendPublic" = Yes
|| |       |   "slaveAlignment" = 0x80
|| |       |   "IONameMatched" = "AOPEndpoint9"
|| |       |   "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
|| |       |   "rx queue size" = 0x8000
|| |       |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
|| |       |   "tx queue size" = 0x8000
|| |       |   "allowed-action-list" = {"SPUApp"={"perform-
command"={"32"=Yes,"10"=Yes,"40"=Yes,"33"=Yes,"48"=Yes,"41"=Yes,"34"=Yes,"0"=Yes,"42"=Yes,"35"=Yes,"121"=Yes,"36
"=Yes,"4"=Yes,"37"=Yes,"44"=Yes,"45"=Yes,"38"=Yes,"46"=Yes,"39"=Yes,"47"=Yes},"set-
property"={"222"=Yes,"211"=Yes,"219"=Yes,"208"=Yes,"220"=Yes,"225"=Yes,"228"=Yes,"217"=Yes,"69"=Yes,"44"=Yes,"70"
=Yes,"226"=Yes,"209"=Yes,"210"=Yes,"221"=Yes,"71"=Yes,"218"=Yes,"224"=Yes,"72"=Yes},"get-
property"={"216"=Yes,"225"=Yes,"214"=Yes,"220"=Yes,"43"=Yes,"69"=Yes,"223"=Yes,"71$
|| |         |}
|| |         |
|| |         +-o aop-voicetrigger  <class AppleSPUAppInterface, id 0x1000006dc, registered, matched, active, busy 0
(43 ms), retain 9>
|| |           |{
|| |           |   "DebugState" = {"_aop_latency"=0x0,"_ap_latency"=0xcf}
|| |           |   "IOUserClientClass" = "AppleSPUUserClient"
|| |           |   "service_id" = 0x10000007
|| |           |   "IOReportLegendPublic" = Yes
|| |           |   "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"DevicePowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerStat
e"=0x2}
|| |           |   "IOReportLegend" =
({"IOReportGroupName"="AOP","IOReportChannels"=((0x4e554d2052452030,0x100020001,"Ready reports"),
(0x4e554d2052452031,0x100020001,"Gyro reports"),(0x4e554d2052452032,0x100020001,"Accel reports"),
(0x4e554d2052452033,0x100020001,"Compass reports"),(0x4e554d2052452034,0x100020001,"HID reports"),
(0x4e554d2052452039,0x100020001,"Grape reports"),(0x4e554d2052452041,0x100020001,"Platinum reports"),
(0x4e554d2052452042,0x100020001,"Lisa reports"),(0x4e554d2052452043,0x100020001,"ALS reports"),
(0x4e554d20524$
|| |           |}
|| |           |
|| |           +-o AppleAOPVoiceTriggerController  <class AppleAOPVoiceTriggerController, id 0x1000006ea, registered,
matched, active, busy 0 (10 ms), retain 7>
|| |             |{
|| |             |   "IOClass" = "AppleAOPVoiceTriggerController"
|| |             |   "VTIdentity" = "AppleAOPVoiceTrigger-1"
|| |             |   "IOPersonalityPublisher" = "com.apple.driver.AppleAOPVoiceTrigger"
|| |             |   "IOResourceMatch" = "IOKit"
|| |             |   "IOMatchedAtBoot" = Yes
|| |             |   "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| |             |   "IOProviderClass" = "AppleSPUAppInterface"
|| |             |   "VTActiveChannelMask" = 0x1
```

```
|| |         |   "VTLastTriggerSampleTime" = 0x0
|| |         |   "IOProbeScore" = 0x0
|| |         |   "IOUserClientClass" = "AppleAOPVoiceTriggerUserClient"
|| |         |   "VTLastTriggerTime" = 0x0
|| |         |   "VTConfigured" = No
|| |         |   "VTTriggerCount" = 0x0
|| |         |   "IONameMatch" = ("aop-voicetrigger")
|| |         |   "VTLastWakeReason" = "unkn"
|| |         |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleAOPVoiceTrigger"
|| |         |   "voice trigger supported" = 0x1
|| |         |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |         |   "CFBundleIdentifier" = "com.apple.driver.AppleAOPVoiceTrigger"
|| |         |   "IONameMatched" = "aop-voicetrigger"
|| |         |   "voice trigger configured" = 0x0
|| |         |   "IOGeneralInterest" = "IOCommand is not serializable"
|| |         |   "VTSupported" = Yes
|| |         |   "voice trigger enabled" = 0x0
|| |         |   "VTEnabled" = No
|| |         | }
|| |         |
|| |         +-o AppleAOPVoiceTriggerUserClient  <class AppleAOPVoiceTriggerUserClient, id 0x100000b96, !
registered, !matched, active, busy 0, retain 5>
|| |           {
|| |             "IOUserClientCreator" = "pid 402, coreaudiod"
|| |             "IOUserClientDefaultLocking" = Yes
|| |           }
|| |
|| +-o dart-aop@4A808000  <class AppleARMIODevice, id 0x1000002aa, registered, matched, active, busy 0 (261
ms), retain 11>
|| || {
|| ||   "dart-id" = <05000000>
|| ||   "IOInterruptSpecifiers" = (<2c010000>)
|| ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| ||   "clock-gates" = <>
|| ||   "AAPL,phandle" = <7a000000>
|| ||   "bypass" = <00800000>
|| ||   "instance" = <46504144444125400000000>
|| ||   "IODeviceMemory" = (({"address"=0x24a808000,"length"=0x4000}),
({"address"=0x24a80c000,"length"=0x4000}))
|| ||   "IOReportLegendPublic" = Yes
|| ||   "tlb-invalid-refetch" = <>
|| ||   "dart-options" = <05000000>
|| ||   "filter-data-instance-0" =
<00c0452b0200000003c0452b02000000000301000100000020001f3d020000005b001f3d0200000000030100010000
0080081f3d02000000500c1f3d02000000000301000100000000000243d020000007303243d020000000003010001000
0000040283d02000000eb40283d0200000000030100010000060c0293d020000003e3c0293d0200000000030100010
0000000402b3d02000000a3432b3d0200000000030100010000014002c3d0200000017002c3d02000000000301000
10000000000443e020000000300443e02000000000301000100000000>
|| ||   "IOInterruptControllers" = ("IOInterruptController00000067")
|| ||   "name" = <646172742d616f7000>
|| ||   "interrupt-parent" = <67000000>
|| ||   "retention" = <>
|| ||   "compatible" = <646172742c743830323000>
|| ||   "interrupts" = <2c010000>
|| ||   "page-size" = <00400000>
|| ||   "diag-config" = <00210080>
|| ||   "bypass-address" = <000000000000000000000000000000002>
|| ||   "vm-base" = <00800300>
|| ||   "dart-tunables-instance-0" =
<600000000400000000610080000000000061008000000000640000004000000ffffff0f00000000d4d02300000000
006800000040000000f0f0f00000000000f0f0f00000000006c00000004000000ffffff000000000000080808000000000
0>
|| ||   "error-reflector" = <00c0ff3c02000000>
|| ||   "device_type" = <6461727400>
|| ||   "power-gates" = <>
|| ||   "reg" = <0080804a00000000000400000000000000c0804a000000000040000000000000>
|| ||   "sids" = <83800000>
|| || }
|| ||
|| | +-o AppleT8020DART  <class AppleT8020DART, id 0x10000035d, registered, matched, active, busy 0 (95 ms),
retain 24>
|| | | {
|| | |   "IOClass" = "AppleT8020DART"
|| | |   "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| | |   "IOProviderClass" = "AppleARMIODevice"
|| | |   "IOPlatformActiveAction" = 0x13880
|| | |   "noncompliant-dead-mappings" = No
|| | |   "IOPlatformSleepAction" = 0x13880
|| | |   "IOProbeScore" = 0x0
|| | |   "IONameMatch" = "dart,t8020"
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | |   "IOUserClientClass" = "IODARTClient"
|| | |   "IOFunctionParent0000007A" = <>
|| | |   "IONameMatched" = "dart,t8020"
```

```
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| | | "iommu-dart-identity" = <7a000000>
|| | |}
|| | |
|| | +-o mapper-aop@0  <class IODARTMapperNub, id 0x100000396, registered, matched, active, busy 0 (92 ms),
retain 8>
|| | ||{
|| | || "device_type" = <646172742d6d617070657200>
|| | || "reg" = <00000000>
|| | || "name" = <6d61707065722d616f7000>
|| | || "AAPL,phandle" = <7b000000>
|| | || "compatible" = <696f6d6d752d6d617070657200>
|| | ||}
|| | ||
|| | +-o IODARTMapper  <class IODARTMapper, id 0x100000506, registered, matched, active, busy 0 (32 ms), retain
42>
|| | |   {
|| | |     "IOClass" = "IODARTMapper"
|| | |     "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | |     "IOProviderClass" = "IODARTMapperNub"
|| | |     "iommu-dart-translation" = Yes
|| | |     "IOUserClientClass" = "IODARTMapperClient"
|| | |     "IOProbeScore" = 0x0
|| | |     "IONameMatch" = "iommu-mapper"
|| | |     "IOMatchedAtBoot" = Yes
|| | |     "IOMatchCategory" = "IODefaultMatchCategory"
|| | |     "IONameMatched" = "iommu-mapper"
|| | |     "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | |     "IOMapperID" = <7b000000>
|| | |     "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | |   }
|| | |
|| | +-o mapper-aop-admac@7  <class IODARTMapperNub, id 0x10000039f, registered, matched, active, busy 0 (30
ms), retain 8>
|| | ||{
|| | || "compatible" = <696f6d6d752d6d617070657200>
|| | || "reg" = <07000000>
|| | || "allow-subpage-mapping" = <>
|| | || "name" = <6d61707065722d616f702d61646d616300>
|| | || "AAPL,phandle" = <7c000000>
|| | || "device_type" = <646172742d6d617070657200>
|| | ||}
|| | ||
|| | +-o IODARTMapper  <class IODARTMapper, id 0x1000003d6, registered, matched, active, busy 0 (10 ms), retain
7>
|| | |   {
|| | |     "IOClass" = "IODARTMapper"
|| | |     "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | |     "IOProviderClass" = "IODARTMapperNub"
|| | |     "iommu-dart-translation" = Yes
|| | |     "IOUserClientClass" = "IODARTMapperClient"
|| | |     "IOProbeScore" = 0x0
|| | |     "IONameMatch" = "iommu-mapper"
|| | |     "IOMatchedAtBoot" = Yes
|| | |     "IOMatchCategory" = "IODefaultMatchCategory"
|| | |     "IONameMatched" = "iommu-mapper"
|| | |     "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | |     "IOMapperID" = <7c000000>
|| | |     "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | |   }
|| | |
|| | +-o mapper-scm@1  <class IODARTMapperNub, id 0x1000003a0, registered, matched, active, busy 0 (24 ms),
retain 8>
|| | |{
|| | | "device_type" = <646172742d6d617070657200>
|| | | "reg" = <01000000>
|| | | "name" = <6d61707065722d73636d00>
|| | | "AAPL,phandle" = <7d000000>
|| | | "compatible" = <696f6d6d752d6d617070657200>
|| | |}
|| | |
|| | +-o IODARTMapper  <class IODARTMapper, id 0x1000003c8, registered, matched, active, busy 0 (8 ms), retain
6>
|| |     {
|| |       "IOClass" = "IODARTMapper"
|| |       "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| |       "IOProviderClass" = "IODARTMapperNub"
|| |       "iommu-dart-translation" = Yes
|| |       "IOUserClientClass" = "IODARTMapperClient"
|| |       "IOProbeScore" = 0x0
|| |       "IONameMatch" = "iommu-mapper"
|| |       "IOMatchedAtBoot" = Yes
|| |       "IOMatchCategory" = "IODefaultMatchCategory"
|| |       "IONameMatched" = "iommu-mapper"
|| |       "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| |       "IOMapperID" = <7d000000>
|| |       "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| |     }
|| |
```

|| +-o pmgr@3B700000 <class AppleARMIODevice, id 0x1000002ab, registered, matched, active, busy 0 (1159 ms), retain 12>
|| || {
|| || "bridge-settings-version" = <01000000>
|| || "ane-acg-hack" = <01000000>
|| || "ane-dpe" = <01000000>
|| || "disp-tvm" = <01000000>
|| || "bridge-counter-configs" =
<0007000000000000000000000000000000000000004d535220504d5347204649464f00000001020001000000000000
0601030c183078ff00004d5352204d3120524400000000000000001030101000000000000601030c183078ff00004d53
52204d312057520000000000000000002010000030d00000000000000000004d5352204c4c5400000000000000000000
0000000000070000000000000000000000000000000000004a50454720504d5347204649464f000000020001000000000
0000000601030c183078ff00004a504547204d302052440000000000000000003010100000000000000601030c183078ff00
004a504547204d3020575200000000000000000$
|| || "apsc-snooze" = <01000000>
|| || "tunableh-major-rev" = <01000000>
|| || "voltage-states5-sram" =
<0046c3230d03000000475a310d0300000048f13e0d0300000049884c20030000002f68592c0300000030ff663f0300
000031967461030000000322d828d03000000fd558eb903000000c87e9aeb030000005d39a51d040000004319b23904
0000003689b83904000000a265bb390400000029f9be39040000>
|| || "events" =
<0000000100016601534f435f54564d5f54454d505f3100000000000000200016701534f435f54564d5f54454d505f310000
00000003000016801534f435f54564d5f54454d505f3200000000000400016901534f435f54564d5f54454d505f330000
0000000500016a014746585f54564d5f54454d505f30000000000600016b014746585f54564d5f54454d505f310000
0000000700016c014746585f54564d5f54454d505f320000000000800016d014746585f54564d5f54454d505f330000
0000000900016e014443535f54564d5f54454d505f3000000000000a00016f014443535f54564d5f54454d505f310000
0000000b000170014443535f54564d5f54454d505f30$
|| || "device-bridges" =
<00000001000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
000000000000000000000000000000000000000000000000000000000000000000000020100000000000000000000000000
000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000302000000000000000000000000000000000000000000000000000000000
000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
000040300000000000000000000000000000000000000000000000000000000$
|| || "pwrgate-regs" =
<0100000010c00100ff7f0000000000180000000010c00100ffffffff000000180000000010c30100ffffffff00000018000000
0010c60100ff03000000000018>
|| || "dvd-period-us" = <401f0000>
|| || "perf-regs" =
<01000000004003000001000003000000000000000400300001000000000000000000000c007000a0000000000000
000000000000008007000a00000000000000>
|| || "total-rails-leakage" = <00000000>
|| || "IODeviceMemory" = (({"address"=0x23b700000,"length"=0x8c000}),
({"address"=0x23d280000,"length"=0x74000}),({"address"=0x23b000000,"length"=0x70000}),
({"address"=0x23d200000,"length"=0x80000}),({"address"=0x23d004000,"length"=0x1000}),
({"address"=0x210e20000,"length"=0x2000}),({"address"=0x210050000,"length"=0xef1000}),
({"address"=0x210e40000,"length"=0x9000}),({"address"=0x210e50000,"length"=0xe81000}),
({"address"=0x210e70000,"length"=0x1000}),({"address"=0x210050000,"length"=0x10000}),
({"address"=0x210150000,"length"=0x10000})$
|| || "atcusb-poll" = <01000000>
|| || "gfx-tvm" = <01000000>
|| || "function-pmp_control" = <8500000043504d50>
|| || "ps-regs" =
<010000058000000ff3f00000100000004000000000000001000000080000000000000000000000000000000ff0300
0000000000020000ffffffff0000000000030000ffbfe0ff00000000000c0000010000000000000000040000000000000
000000000008000001f000000000000000c00000010000000000000000001000800000000000000000010000ffffffff0
000000000040000ff7f0000>
|| || "reg" =
<0000703b0000000000c008000000000000000283d000000000004007000000000000000003b0000000000000700000
000000000203d00000000000000800000000000040003d00000000001000000000000000e2100000000002000000
00000000000051000000000010ef00000000000e41000000000009000000000000000e510000000000010e8
00000000000000e710000000000100000000000000000051000000000000001000000000000001510000000000000
01000000000000000251000000000000001000000000000003510000000000000010000000000000e2110000000000
200000000000000000000511000000000010ef00000000000e4110000$
|| || "sep-ps-timeout" = <05000000>
|| || "bridge-reg-index" = <21000000>
|| || "tunableh-board-id" = <26000000>
|| || "mtr-polynom-fuse-agx" =
<010000002c000000a7e9f3011c9d0a00c5f6ff01b922ff0153fd1500c906e9014e0d04006497f801fe8a0900770afc01770a
fc01040000002c0000009daef5010d620900b63eff01288fff018c5412004eeced0149cf02001dccf801559c08007db4fc017
db4fc01>
|| || "pmp" = <01000000>
|| || "gfx-fstp-harvest" = <01000000>
|| || "bridge-counter-version" = <03000000>
|| || "pmgr-dock-fifo-agent" = <01000000>
|| || "dvd-factor" = <00000100>
|| || "ave-tvm" = <00000000>
|| || "ppt-thrtl" = <01000000>
|| || "reset-noaccess-poll" = <01000000>
|| || "clocks" =
<360101010000000464153545f414600000000000000000003701010200000000534252000000000000000000000000
0003801010300000000444953030000000000000000000000039010104000000004953505f53454e534f52305f524
546003a01010500000000495305053454e534f52315f524546003b01010600000000495305053454e534f52325f524
546003c010107000000004953505f53454e534f52335f524546003d010108000000056454e43000000000000000000
0000003e01010900000000504d500000000000000000000000003f01030a00000000504c4c30000000000000000000
0000000004001030b00000000504c4c3100000000000000000000>$
|| || "cpu-power-gate-latency-us" = <50c30000>
|| || "voltage-states0" = <0100000009902000001000000c80200000100000071030000>
|| || "name" = <706d677200>
|| || "cpu-apsc" = <01000000>

|| || "dvc-debug" = <01000000>
|| || "#bridges" = <15000000>
|| || "axi2af-axi-config" =
<0020180800201808002018090020180800201809002018090020180900201808002018080020180800201808002018
09002018080020181800201819000ffff0800ffff0800ffff0800ffff0800ffff0800ffff08>
|| || "boost-performance1" = <5f070100>
|| || "voltage-states2" = <0100000074020000010000000d1020000010000001c030000>
|| || "dvd-threshold-us" = <e8030000>
|| || "compatible" = <706d6772312c743831303300>
|| || "gpu-pwc-win-size" = <07000000>
|| || "AAPL,phandle" = <7e000000>
|| || "mcx-fast-pcpu-frequency" = <88080000>
|| || "bridge-counters" =
<008000040080040400800804008000c040080100400801404008018040080100400802004008024040080280400800
2c0400803004018034040180380400000000000000000000000000000000000000000000000>
|| || "panic-nub-pg-wa" = <0a000000>
|| || "soc-tvm" = <01000000>
|| || "voltage-states5" =
<aaaa0100610200002d3501008d0200006cf20000a602000060c70000b8020000aaaa0000e102000025940000f402000
0e182000013030000377500002303000336b000052030000c36200007d0300005a5c0000a6030000ad550000e8030
000af520000e80300006c510000e8030000e64f0000e8030000>
|| || "frc-cpm-on-hack" = <00000000>
|| || "voltage-states1" =
<aaaa0100220200005f0701006402000031c00000a90200003c960000fa020000077c000061030000>
|| || "rosc-apply" = <00000000>
|| || "tunableh-minor-rev" = <01000000>
|| || "ap-wake-sources" =
<0c000000414f502e4750494f2e4952513400000000000000000000000000000000000000000000e000000414f502e47504
9f2e495251360000000000000000000000000000000000000001a000000414f502e4f7574626f784e6f74456d70747900
00000000000000000000000001b000000414f502e43505557616b655704150000000000000000000000000000000000
00000280000004e55422e57616b655757415000000000000000000000000000000002f0000004e55422e4e
50494f2e495251360000000000000000000000000000000000000000310000004e55422e41505576174636864646f670000
0000000000000000000000000000032000000$
|| || "voltage-states8" =
<00ccbf19ffffffff0053531dffffffff00dae620ffffffff0003c528ffffffff0011ec2ffffffff00ceed34ffffffff00c15d3bffffffff003b61
45ffffffff00ddab49ffffffff009aad4effffffff00214152ffffffff00de4257ffffffff>
|| || "voltage-states9" =
<0000000090010000007b9a176402000000a4781f8a0200000054ea2aaf020000001f13370a03000000ea3b435b03000
080bb2c4c9d030000>
|| || "power-domains" =
<004a0101000000004d434300000000000000000000000000004b010200000000444353303200000000000000000000
0000004c010300000000444353313300000000000000000000000000004f010400000000534d58000000000000000000
00000000500105000000004d5800000000000000000000000000005101060000000524d58000000000000000000000
00000000000000005301070000000044495350305f475030000000000000000540108000000044495350305f47503100
00000000000000005501090000000044495350305f5050500000000000000000005c010b00000000504d5000000000000
0000000000000005d010c00000000504d535f5352414d00$
|| || "energy-counters" =
<000003050000000f454350553000000000000000000000000000000000000000000000000000000000000306000
0000f4543505531000000000000000000000000000000000000000000000000000000000307000000f454350505
3200000000000000000000000000000000000000000000000000003080000000f454350553300000000000000000000
0000000000000000000000000000000003090000001050435055300000000000000000000000000000000000000000
0000000000000000000000000000000000000030a0000001050435055310000000000000000000000000000000000000
0000000000000000000000030b0000001050435055320000000$
|| || "llc-thrtl" = <00000000>
|| || "devices" =
<000002000000000000000000030500000000000000000000000000010000000000454350553000000000000000000000
000000000020000000000000103060000000000000000000000000002000000000454350553100000000000000000000
0000000000002000000000000203070000000000000000000000000003000000000454350553200000000000000
000000000000000002000000000000030308000000000000000000000000000400000000045435055330000000
0000000000000000000005000000004030900000000000000000000000000050000000005043505530
00000000000000000000000005000000000000005030a000000000000000$
|| || "function-perf-boost" =
<409c000000000000044435f5057525f474154450000000030750000000000000444353535f434c4b5f47415445000000
0010270000170b0000494d585f5057525f4741544500000000a861000000000000043504d5f5057525f47415445000000
00204e0000030200004443535f504552465f424f4f535400001027000008050000534d585f5057525f474154450000000
0010270000000000000000414d43435f434c4b5f47415445000000000>
|| || "clusters" = <0400000004000000>
|| || "aes-domain-hack" = <00000000>
|| || "voltage-states11" = <0100000074020000010000000e10200000100000048030000>
|| || "nominal-performance1" = <31c00000>
|| || "optional-bridge-mask" = <00600000>
|| || "amx-thrtl" = <01000000>
|| || "device_type" = <706d677200>
|| || "cpu-fixed-freq-pll-relock" = <01000000>
|| || "voltage-states1-sram" =
<0046c32303030000008bef390303000000b5644f2003000000fa9065770300000024067bc2030000>
|| || "dcs-tvm" = <01000000>
|| || "perf-domains" =
<00040001000000002c010000534f43000000000000000000000000000101020000000000000000454350550000000
00000000000000000000000020400030000000002c0100004443530000000000000000000000000000050101050000000000
00000050435055000000000000000000000008000008000000000000000414e45000000000000000000000000000
000b04000b000000002c0100004449533500000000000000000000000000000>
|| || "noise-hack" = <00000000>
|| || "clpc" = <03000000>
|| || "pmgr-dock-fifo-channel" = <03000000>
|| || "soc-dpe" = <01000000>
|| || "function-mcc_ctrl" = <66000000246d654d>
|| || }
|| ||
|| | +-o AppleT8103PMGR <class AppleT8103PMGR, id 0x10000034c, registered, matched, active, busy 0 (1024 ms),

retain 38>
    || | |{
    || | | "IOClass" = "AppleT8103PMGR"
    || | | "IOPlatformSleepAction" = 0x258
    || | | "AppleARMPerformanceControllerDVDThresholdUS1" = 0x3e8
    || | | "AppleARMPerformanceControllerDVDFactor1-slowloop" = 0x10000
    || | | "IOPlatformPanicAction" = 0x3e8
    || | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8103PMGR"
    || | | "IOMatchedAtBoot" = Yes
    || | | "AppleARMPerformanceControllerDVDFactor1-lpm" = 0x10000
    || | | "IOReportLegendPublic" = Yes
    || | | "IOProviderClass" = "AppleARMIODevice"
    || | | "IOProbeScore" = 0x0
    || | | "IONameMatch" = "pmgr1,t8103"
    || | | "IOPlatformHaltRestartAction" = 0x15f90
    || | | "AppleARMPerformanceControllerDVDFactor1-upo" = 0x10000
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8103PMGR"
    || | | "IOFunctionParent0000007E" = <>
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "CFBundleIdentifier" = "com.apple.driver.AppleT8103PMGR"
    || | | "IONameMatched" = "pmgr1,t8103"
    || | | "IOPlatformActiveAction" = 0x15f90
    || | | "IOPlatformQuiesceAction" = 0x15f90
    || | | "AppleARMPerformanceControllerDVDFactor1-hip" = 0x10000
    || | | "AppleARMPerformanceControllerDVDFactor1" = 0x10000
    || | | "IOReportLegend" = ({"IOReportGroupName"="CPU
Stats","IOReportChannels"=((0x43505520564f4c54,0x500020002,"ECPU")),"IOReportChannelInfo"={"IOReportChannelU
nit"=0x100007980000018},"IOReportSubGroupName"="CPU Complex Voltage States"},{"IOReportGroupName"="CPU
Stats","IOReportChannels"=((0x4543505530000000,0x600020002),(0x4543505531000000,0x600020002),
(0x4543505532000000,0x600020002),
(0x4543505533000000,0x600020002)),"IOReportChannelInfo"={"IOReportChannelUnit"=0x100007980000018},"IORepor
tSubGroupName"="CPU Core Performance State$
    || | | "MtrPolynomGFX" =
<010000002c000000a7e9f3011c9d0a00c5f6ff01b922ff0153fd1500c906e9014e0d04006497f801fe8a0900770afc01770a
fc01040000002c0000009daef5010d620900b63eff01288fff018c5412004eeced0149cf02001dccf801559c08007db4fc017
db4fc01>
    || | | "AppleARMPerformanceControllerDVDPeriodUS1" = 0x1f40
    || | | "IOPlatformWakeAction" = 0x258
    || | |}
    || | |
    || | +-o clpc <class ApplePMGRNub, id 0x10000034e, registered, matched, active, busy 0 (385 ms), retain 8>
    || | ||{
    || | || "function-ane_perf_ctr" = <eb00000052434e41>
    || | || "events" = <30000000350000003600000037000000390000004100000042000000600000065000000>
    || | || "compatible" = <636c70632c743831303300>
    || | || "device_type" = <636c706300>
    || | || "clpc-match-version" = 0x3
    || | || "devices" = <36010000370100003801000039010000>
    || | || "name" = <636c706300>
    || | || "AAPL,phandle" = <7f000000>
    || | ||}
    || | ||
    || | +-o AppleCLPC <class AppleCLPC, id 0x100000351, registered, matched, active, busy 0 (55 ms), retain 6>
    || | |{
    || | | "#clpc-analysis-level" = 0x0
    || | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8103CLPCv3"
    || | | "IOPlatformSleepAction" = 0x1f4
    || | | "#cpu-core-mask-cluster-0" = 0xf
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "~pkg-power-split-gpu-fraction" = 0x8000
    || | | "~pkg-power-split-ane-fraction" = 0x0
    || | | "#cpu-core-mask-cluster-1" = 0xf0
    || | | "`pkg-avg-limiter-ki" = 0x757
    || | | "~carplay-power-limit" = 0xff0000
    || | | "IOMatchedAtBoot" = Yes
    || | | "IOProbeScore" = 0x0
    || | | "IOClass" = "AppleCLPC"
    || | | "#pkg-lowpeak-limiter-input-tc" = 0x14
    || | | "~pkg-avg-max-power" = 0x320000
    || | | "#pkg-avg-limiter-input-tc" = 0x3e8
    || | | "`pkg-lowpeak-limiter-kp" = 0x5bc0
    || | | "IOUserClientClass" = "AppleCLPCUserClient"
    || | | "IONameMatched" = "clpc,t8103"
    || | | "#cpu-avg-limiter-target-tc" = 0x0
    || | | "#cpu-num-cores" = 0x8
    || | | "#pkg-power-zone-filter-tc-0" = 0x0
    || | | "CFBundleIdentifier" = "com.apple.driver.AppleT8103CLPCv3"
    || | | "#pkg-lowpeak-limiter-target-tc" = 0x1e
    || | | "~pkg-power-zone-target-0" = 0x320000
    || | | "#pkg-avg-batt-power-target-tc" = 0x0
    || | | "#clpc-version" = 0x2
    || | | "IOFunctionParent0000007F" = <>
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8103CLPCv3"
    || | | "#cpu-lowpeak-limiter-input-tc" = 0x0
    || | | "IOReportLegendPublic" = Yes
    || | | "#pkg-avg-limiter-target-tc" = 0x0
    || | | "IOPlatformWakeAction" = 0x1f4
    || | | "#pkg-avg-therm-power-target-tc" = 0x0
    || | | "#cpu-avg-limiter-input-tc" = 0x1f4
    || | | "`cpu-lowpeak-limiter-ki" = 0x1cac1

|| | | | "#pkg-peak-power-target-tc" = 0xa
|| | | | "~pkg-power-zone-target-offset-0" = 0x0
|| | | | "`pkg-low-power-target" = 0xffffffffff000000
|| | | | "`cpu-avg-limiter-kp" = 0x281d7e
|| | | | "~pkg-lowpeak-max-power" = 0x320000
|| | | | "IOPropertyMatch" = {"clpc-match-version"=0x3}
|| | | | "IOProviderClass" = "ApplePMGRNub"
|| | | | "IONameMatch" = "clpc,t8103"
|| | | | "#clpc-profile-level" = 0x0
|| | | | "#cpu-lowpeak-limiter-target-tc" = 0x0
|| | | | "`cpu-avg-limiter-ki" = 0x14e3c
|| | | | "#pkg-low-power-target-tc" = 0x64
|| | | | "~pkg-power-split-cpu-fraction" = 0x8000
|| | | | "`pkg-avg-therm-power-target" = 0xffffffffff000000
|| | | | "`pkg-hip-power-target" = 0xffffffffff000000
|| | | | "`cpu-lowpeak-limiter-kp" = 0x4189
|| | | | "#cpu-num-clusters" = 0x2
|| | | | "#ane-num-clusters" = 0x1
|| | | | "`pkg-avg-limiter-kp" = 0xd1b
|| | | | "IOPlatformHaltRestartAction" = 0x1f4
|| | | | "`pkg-lowpeak-limiter-ki" = 0xded3
|| | | |}
|| | | |
|| | | +-o AppleCLPCUserClient <class AppleCLPCUserClient, id 0x100004ff7, !registered, !matched, active, busy 0,
retain 5>
|| | | | {
|| | | | "IOUserClientCreator" = "pid 5008, PerfPowerService"
|| | | | }
|| | | |
|| | | +-o soc-tuner <class ApplePMGRNub, id 0x10000034f, registered, matched, active, busy 0 (3 ms), retain 8>
|| | | ||{
|| | | || "mcc-power-gating" = <01000000>
|| | | || "AAPL,phandle" = <80000000>
|| | | || "cio-config" = <01000000>
|| | | || "device-set-9" = <68000000>
|| | | || "#device-sets" = <0e000000>
|| | | || "function-mcc_ctrl" = <66000000246d654d>
|| | | || "device-set-8" = <52010000>
|| | | || "device-set-11" = <63000000>
|| | | || "device-set-7" = <51010000>
|| | | || "devices" = <09000000>
|| | | || "device-set-6" = <4e010000>
|| | | || "device-set-10" = <3b010000>
|| | | || "gpu-dpe-sync" = <01000000>
|| | | || "device-set-5" = <26010000>
|| | | || "name" = <736f632d74756e657200>
|| | | || "compatible" = <736f632d74756e65722c743830323000>
|| | | || "device-set-4" = <04010000>
|| | | || "ane-gpu-mccpwrgt" = <01000000>
|| | | || "device-set-3" = <3f000000400000004100000042000000430000004 4000000>
|| | | || "fr-scaling-wa" = <01000000>
|| | | || "device-set-2" = <54000000>
|| | | || "mcc-configs" = <0100000002000000030000004000000>
|| | | || "soc-tuning" = <01000000>
|| | | || "device-set-1" = <d0000000>
|| | | || "usb-audio-wa" = <01000000>
|| | | || "device-set-0" = <4f0000006400000022010000 3b010000>
|| | | || "device_type" = <736f632d74756e657200>
|| | | || "fb-caching" = <00000000>
|| | | || "sbr-clk-gating-wa" = <00000000>
|| | | ||}
|| | | ||
|| | |+-o AppleT8020SOCTuner <class AppleT8020SOCTuner, id 0x100000352, registered, matched, active, busy 0 (1
ms), retain 5>
|| | | {
|| | | "IOClass" = "AppleT8020SOCTuner"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020SOCTuner"
|| | | "IOProviderClass" = "ApplePMGRNub"
|| | | "IOPlatformActiveAction" = 0x157c0
|| | | "IOPlatformWakeAction" = 0x157c0
|| | | "IOPlatformQuiesceAction" = 0x157c0
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = "soc-tuner,t8020"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IONameMatched" = "soc-tuner,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020SOCTuner"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020SOCTuner"
|| | | }
|| | |
|| | +-o ppm@3D2B9040 <class ApplePMGRNub, id 0x100000350, registered, matched, active, busy 0 (694 ms),
retain 8>
|| | | {
|| | | "client_budgets" =
<00000002e8fd0000e80300000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000102e8fd0000e80300000000000000000000000000000000
000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0006000000000100000000000000000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000040f0000000e0000000d0000000c0000000b0000000a000
00000900000008000000070000000600000050000000 4000$

|| | | "IOInterruptSpecifiers" = (<01000000>)
|| | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IO$
|| | | "AAPL,phandle" = <81000000>
|| | | "min-update-interval-overrides" = <0200000000000000>
|| | | "cpms-batt2client" = <cdcc4c3f000000007061636b6167650000000000000000000000>
|| | | "maintain-pkg-max-insta-handling" = <01000000>
|| | | "cpms-policy-type" = <03000000>
|| | | "client_powers" =
<00000002e8fd0000e8030000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000102e8fd0000e803000000000000000000000000
00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
00060a0000000a000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000040a0000000a0000000a0000000a0000000a0000000a00
00000a0000000a0000000a0000000a0000000a0000000a0000$
|| | | "IOReportLegendPublic" = Yes
|| | | "IOInterruptControllers" = ("IOInterruptController00000067")
|| | | "cpms-dt-topology" =
<00000000000000000000000100000064726f6f70000000000000000000000001000000000000000000006400
00007370696b655f706f7765722e66000000020000000000000000000000e803000070756c73655f706f7765722e7300
0000>
|| | | "name" = <70706d00>
|| | | "interrupt-parent" = <67000000>
|| | | "function-btm-stop" = <ba00000050534d42>
|| | | "maintain-1s-min-budget-interval" = <01000000>
|| | | "compatible" = <70706d2c706173737468726f75676800>
|| | | "interrupts" = <01000000>
|| | | "interrupt-idx-smc-targets" = <00000000>
|| | | "function-btm-config" = <ba0000004f434d42>
|| | | "btm-enabled" = <01000000>
|| | | "cpms-dt-curve" =
<000000000000000000000000000001000000320000006a0000009a000000c6000000e4000000ff000000e8fd0000a08c0
0003f770000a15e000065490000553600001d290000ae1c00007061636b6167650000000000000000000010000000000
000000000000001000000320000006a00000098000000c8000000e2000000ff000000e8fd0000204e00002b42000098
34000036290000a41d000037170000ef0f00007061636b6167650000000000000000000020000000000000000000000
01000000320000006a0000009a000000c6000000e4000000ff000000e8fd0000c04400004c3a0000442e0000e123000
0901a000019140000060e00007061636b616765$
|| | | "reg-idx-smc-targets" = <00000000>
|| | | "clients" =
<010202020000000004170706c65434c50430000000000000000010302060000000004170706c654e414e4400000000000
00001031004000001004170706c6548313043616d496e000000>
|| | | "device_type" = <70706d00>
|| | | "function-btm-start" = <ba00000054534d42>
|| | | "auto-rate-change" = <01000000>
|| | | "reg" = <40902b3d020000000100000000000000>
|| | | }
|| | |
|| | +-o ApplePassthroughPPM <class ApplePassthroughPPM, id 0x100000353, registered, matched, active, busy 0
(651 ms), retain 6>
|| | | {
|| | | "UseWeightFactorModelPp" = 0x0
|| | | "UseSystemLoadInputsPeff" = 0x0
|| | | "UseOverrideClientPowerBudgets" = 0x0
|| | | "OverrideBatteryInputQmax" = 0x0
|| | | "OverrideDroopUtilization" = 0x0
|| | | "OverrideBatteryInputIss" = 0x0
|| | | "UseOverrideUnDroopControlEffort" = 0x0
|| | | "OverrideSnapshotSignificantChange" = 0x1999
|| | | "UseLpemData" = 0x0
|| | | "CPMSSupported" = 0x1
|| | | "IOKitDebug" = 0xffff
|| | | "OverrideBatteryInputDSG" = 0x0
|| | | "OverrideEnableFilteredRssI3I4" = 0x0
|| | | "UseOverrideAllowPolicyRun" = 0x0
|| | | "UseVoltageBattMeasPrevPs" = 0x0
|| | | "minVcutDynEntry" = 0x0
|| | | "PowerServoGains" = (0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0)
|| | | "weightFactorModelPp" = 0x0
|| | | "IONameMatch" = "ppm,passthrough"
|| | | "UseOverrideBatteryInputResScale" = 0x0
|| | | "UseAbnormalPmaxRiseProtectThreshold" = 0x0
|| | | "IOClass" = "ApplePassthroughPPM"
|| | | "ppMaxPrevious" = 0x0
|| | | "UseFilterRatioDownPs" = 0x0
|| | | "OverrideBatteryInputDOD" = 0x0
|| | | "UseOverrideBatteryInputV" = 0x0
|| | | "UseEnableVcutDynEntry" = 0x0
|| | | "OverrideBatteryInputPsCutoffVoltage" = 0x0
|| | | "voltageThreshPropDynEntry" = 0x0
|| | | "OverrideBatteryInputRaTable" = (0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0)
|| | | "OverrideRtrace" = 0x0
|| | | "decayRatePmuMeasFilter" = 0x0
|| | | "Client4Carrots" = 0x0
|| | | "UseMeasuredSystemLoad" = 0x0
|| | | "OverrideUnDroopIntegratorState" = 0x0
|| | | "voltageThreshDerivDynEntry" = 0x0

```
|| |        "FullOperationModePowerFractionHyst" = 0xccc
|| |        "OverrideOperationMode" = 0x0
|| |        "abnormalPmaxRiseProtectThreshold" = 0x0
|| |        "OverrideBrownoutRiskCELane" = 0xffffffffffff0000
|| |        "UseVoltageThreshDerivDynEntry" = 0x0
|| |        "MeasuredSystemLoadWindowSize" = 0x0
|| |        "decayPropDynEntry" = 0x0
|| |        "delayDecayDeriv" = 0x0
|| |        "filterRatioDownPs" = 0x0
|| |        "OverridePercentileRankPs" = 0x0
|| |        "UseOverrideBatteryInputIss" = 0x0
|| |        "UseSystemLoadInputsPt" = 0x0
|| |        "UseDelayDecayDeriv" = 0x0
|| |        "PPMVector" =
{"TStamp"=0x18474ff759cab486,"BaselineSysCap"=(0xc350),"OverrideSysCap"=(0x0),"TotalDemandRaw"=(0xa),"TotalD
emandAdj"=(0xa),"Client5"={"Car"=(0x0),"reqBdg"=0x10000,"Pwr"=(0xa),"Idx"=0x0,"Bdg"=0x10000},"ModeledSysCap"=(
0xc350),"ProactiveSysCap"=(0xc350),"DroopCtrlEff"=(0x0),"DroopPwrRemoval"=(0x0),"NetSysCap"=(0xc350)}
|| |        "OverrideDroopIntegratorState" = 0x0
|| |        "UseFlagPpMaxFusion" = 0x0
|| |        "OverrideBatteryInputFS_ACT" = 0x0
|| |        "UseFreshCellParamsForPmax" = 0x0
|| |        "UseOverrideBatteryInputTimeScales" = 0x0
|| |        "UseSocThreshPropDynEntry" = 0x0
|| |        "UseOverrideBatteryInputFS_ACT" = 0x0
|| |        "UseDecayRatePmuMeasFilterReducedMode" = 0x0
|| |        "UseEnablePMUMeasForVoltageFeedback" = 0x0
|| |        "UseOverrideBatteryInputPuCutoffVoltage" = 0x0
|| |        "UseOverrideBatteryInputWeightedRa" = 0x0
|| |        "psMaxPrevious" = 0x0
|| |        "weightFactorModelPx" = 0x0
|| |        "PPMDebug" =
({"TStamp"=0x18474ff759cab486,"BaselineSysCap"=(0xc350),"OverrideSysCap"=(0x0),"TotalDemandRaw"=(0xa),"TotalD
emandAdj"=(0xa),"Client5"={"Car"=(0x0),"reqBdg"=0x10000,"Pwr"=(0xa),"Idx"=0x0,"Bdg"=0x10000},"ModeledSysCap"=(
0xc350),"ProactiveSysCap"=(0xc350),"DroopCtrlEff"=(0x0),"DroopPwrRemoval"=(0x0),"NetSysCap"=(0xc350)})
|| |        "UseOverrideUnDroopIntegratorState" = 0x0
|| |        "systemLoadInputsPk" = 0x0
|| |        "EnableBatteryAgingModel" = 0x0
|| |        "UseOverrideDroopControlEffort" = 0x0
|| |        "filterRatioUpPp" = 0x0
|| |        "UseOverrideDroopUtilization" = 0x0
|| |        "OverrideBrownoutRiskCEThreshold" = 0x0
|| |        "IOProbeScore" = 0x0
|| |        "UseOverrideBatteryInputMeasuredPb" = 0x0
|| |        "UseCurrentRateThreshold" = 0x0
|| |        "EnableBatteryModelToSafeHarborFallback" = 0x10000
|| |        "DroopUtilizationKiUp0" = 0x0
|| |        "UseOverrideBatteryInputDSG" = 0x0
|| |        "UseFlagFilterPs" = 0x0
|| |        "OverrideBatteryInputRss" = 0x0
|| |        "voltageThreshold" = 0x0
|| |        "systemLoadInputsPt" = 0x0
|| |        "Client2Carrots" = 0x0
|| |        "IOMatchCategory" = "ApplePPM"
|| |        "OverrideBatteryInputMeasuredPp" = 0x0
|| |        "currentRateThreshold" = 0x0
|| |        "kiGainDown" = 0x0
|| |        "UseOverrideBatteryInputPsCutoffVoltage" = 0x0
|| |        "UseBaselineSystemCapability" = 0x0
|| |        "UseOverrideBatteryInputRss" = 0x0
|| |        "CFBundleIdentifier" = "com.apple.driver.ApplePassthroughPPM"
|| |        "OverrideBatteryInputIT_MISC_STATUS" = 0x0
|| |        "OverrideClientPowerBudgets" =
(0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff
f,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff
f,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff
f,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,0x7ffffff,$
|| |        "UseOverrideBatteryInputIT_MISC_STATUS" = 0x0
|| |        "decayRatePmuMeasFilterReducedMode" = 0x0
|| |        "OverrideBatteryInputResScale" = 0x0
|| |        "enableVcutDynEntry" = 0x0
|| |        "UseDelayDecayProp" = 0x0
|| |        "IOFunctionParent00000081" = <>
|| |        "PmaxOCV" = 0x0
|| |        "UseOverrideBatteryInputMeasuredPp" = 0x0
|| |        "systemLoadInputsPeff" = 0x0
|| |        "UseOverrideSystemCapability" = 0x0
|| |        "ForceBatteryModelFallback" = 0x0
|| |        "voltageBattMeasPrevPs" = 0x0
|| |        "UseOverrideBatteryInputMeasuredPs" = 0x0
|| |        "IOPersonalityPublisher" = "com.apple.driver.ApplePassthroughPPM"
|| |        "UseOverrideDeltaVoltageTargetVdroop" = 0x0
|| |        "maxVcutDynEntry" = 0x0
|| |        "UseOverrideBatteryInputMeasuredPu" = 0x0
|| |        "UseOverrideBatteryPowerConsumptionPMU" = 0x0
|| |        "UseDecayRatePmuMeasFilter" = 0x0
|| |        "filterRatioDownPp" = 0x0
|| |        "UseWeightFactorModelPx" = 0x0
|| |        "OverrideBatteryInputWeightedRa" = 0x0
|| |        "UseSocThreshDerivDynEntry" = 0x0
|| |        "gainDerivDynEntry" = 0x0
```

```
|| |        "UseFilterRatioUpPp" = 0x0
|| |        "FlagFilterPp" = 0x0
|| |        "UsePsMaxPrevious" = 0x0
|| |        "UseOverrideRtrace" = 0x0
|| |        "UseOverrideBatteryInputRaTable" = 0x0
|| |        "UseWeightFactorModelPs" = 0x0
|| |        "BaselineSystemCapability" = (0xc350)
|| |        "kiGainUp" = 0x0
|| |        "IOUserClientClass" = "ApplePPMUserClient"
|| |        "UseOverrideDeltaVoltageTargetPmax" = 0x0
|| |        "currentMeasPuVfThreshold" = 0x0
|| |        "IOReportLegendPublic" = Yes
|| |        "enablePMUMeasForVoltageFeedback" = 0x0
|| |        "UseKiGainDown" = 0x0
|| |        "UseOverrideBatteryInputMeasuredPuSouth" = 0x0
|| |        "OverrideDroopControlEffort" = 0x0
|| |        "EnablePPMSelfDefinedLogging" = 0x10000
|| |        "UseOverrideDroopIntegratorState" = 0x0
|| |        "FlagFilterPs" = 0x0
|| |        "OverrideBrownoutRiskDebounceTime" = 0x0
|| |        "PmaxExtraFaultPowerThresholds" = (0x0,0x0,0x0)
|| |        "OverrideAllowPolicyRun" = 0x0
|| |        "OverrideDeltaVoltageTargetPmax" = 0x0
|| |        "FullOperationModePowerFraction" = 0xe666
|| |        "OverridePowerServoControlEfforts" = (0x0,0x0)
|| |        "UseOverrideBatteryInputDOD" = 0x0
|| |        "UseOverridePercentileRankPs" = 0x0
|| |        "UsePpMaxPrevious" = 0x0
|| |        "OverrideSystemCapability" = (0x7fffffff,0x7fffffff,0x7fffffff)
|| |        "socThreshDerivDynEntry" = 0x0
|| |        "OverrideBatteryInputMeasuredPuSouth" = 0x0
|| |        "UseOverrideVoltageTargetVdroop" = 0x0
|| |        "IOReportLegend" = ({"IOReportGroupName"="PPM
Stats","IOReportChannels"=((0x5574696c697a746e,0xc00020002),
(0x4374726c45666630,0xc00020002)),"IOReportChannelInfo"={"IOReportChannelUnit"=0x100007980000018},"IORepor
tSubGroupName"="Droop Controller"},{"IOReportGroupName"="PPM
Stats","IOReportChannels"=((0x4c616e6573456e67,0x800020002)),"IOReportChannelInfo"={"IOReportChannelUnit"=0x1
00007980000018},"IOReportSubGroupName"="CPMS Lanes engagement"},{"IOReportGroupName"="PPM
Stats","IOReportChannels"=((0x537973496e737400,0xc00020$
|| |        "voltageBattMeasPrevPp" = 0x0
|| |        "OverrideBatteryInputV" = 0x0
|| |        "IONameMatched" = "ppm,passthrough"
|| |        "UseFlagFilterPp" = 0x0
|| |        "OverrideBatteryInputMeasuredPu" = 0x0
|| |        "SystemCapabilityFallbackPowersLow" = (0xdac,0xdac,0xdac)
|| |        "UseGainDerivDynEntry" = 0x0
|| |        "socThreshPropDynEntry" = 0x0
|| |        "UseFilterRatioDownPp" = 0x0
|| |        "UseOverrideBatteryInputVgg" = 0x0
|| |        "DroopUtilizationTarget0" = 0x0
|| |        "OverrideVoltageTargetVdroop" = 0x0
|| |        "OverrideBatteryInputTemp" = 0x0
|| |        "DroopPowerRemovalFactor0" = 0x0
|| |        "UseOverridePowerSample1sWindow" = 0x0
|| |        "IOProviderClass" = "ApplePMGRNub"
|| |        "UseOverrideEnableFilteredRssl3l4" = 0x0
|| |        "OverrideBatteryInputMeasuredPs" = 0x0
|| |        "OverrideBatteryInputVgg" = 0x0
|| |        "UseKiGainUp" = 0x0
|| |        "PowerServoIntegratorMinimums" = (0x0,0x0)
|| |        "DroopUtilizationKiDown0" = 0x0
|| |        "weightFactorModelPs" = 0x0
|| |        "OverrideDisableBrownoutRiskShutdownTrigger" = 0x0
|| |        "UseDecayPropDynEntry" = 0x0
|| |        "FlagPsMaxFusion" = 0x0
|| |        "delayDecayProp" = 0x0
|| |        "OverrideBatteryPowerConsumptionPMU" = (0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0)
|| |        "IOGeneralInterest" = "IOCommand is not serializable"
|| |        "UseCurrentMeasPuVfThreshold" = 0x0
|| |        "UseVoltageBattMeasPrevPp" = 0x0
|| |        "UseOverrideBatteryInputQmax" = 0x0
|| |        "FlagPpMaxFusion" = 0x0
|| |        "UseSystemLoadInputsPk" = 0x0
|| |        "UseOverridePercentileRankPp" = 0x0
|| |        "UseDecayDerivDynEntry" = 0x0
|| |        "CFBundleIdentifierKernel" = "com.apple.driver.ApplePassthroughPPM"
|| |        "OverridePowerSample1sWindow" = 0x0
|| |        "ClientDemandScaleFactor" =
(0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64)
|| |        "UseFlagPsMaxFusion" = 0x0
|| |        "UseMinVcutDynEntry" = 0x0
|| |        "OverrideBatteryInputTimeScales" = (0x0,0x0,0x0,0x0)
|| |        "UseFilterRatioUpPs" = 0x0
|| |        "IOMatchedAtBoot" = Yes
|| |        "SystemCapabilityFilterConstants" = (0x0,0x0,0x0,0x0,0x0,0x0,0x0)
|| |        "Client6Carrots" = 0x0
|| |        "CEFusionGains" = (0x0,0x0,0x0,0x0,0x0)
|| |        "OverrideUnDroopControlEffort" = 0x0
|| |        "decayDerivDynEntry" = 0x0
|| |        "UseASBFastBatteryInput" = 0x0
```

```
|| |        "UseOverrideOperationMode" = 0x0
|| |        "UseMaxVcutDynEntry" = 0x0
|| |        "UseOverrideBatteryInputTemp" = 0x0
|| |        "UseVoltageThreshold" = 0x0
|| |        "OverrideBatteryInputPuCutoffVoltage" = 0x0
|| |        "OverrideBatteryInputMeasuredPb" = 0x0
|| |        "OverrideDeltaVoltageTargetVdroop" = 0x0
|| |        "OverridePercentileRankPp" = 0x0
|| |        "OverrideBrownoutRiskPmargin" = 0x0
|| |        "MinPeriodMSIntervalsKey" = (0x0,0x0,0x3e8)
|| |        "UseOverridePowerServoControlEfforts" = 0x0
|| |        "UseVoltageThreshPropDynEntry" = 0x0
|| |        "filterRatioUpPs" = 0x0
|| |      }
|| |
|| +-o nco@3B044000  <class AppleARMIODevice, id 0x1000002ac, registered, matched, active, busy 0 (163 ms),
retain 8>
|| || {
|| ||   "name" = <6e636f00>
|| ||   "compatible" = <6e636f2c7438313031006e636f2c73356c383936307800>
|| ||   "pmgr-nco-page-size" = <00400000>
|| ||   "IODeviceMemory" = (({"address"=0x23b044000,"length"=0x14000}))
|| ||   "clock-ids" = <48010000490100004a0100004b010000>
|| ||   "device_type" = <6e636f00>
|| ||   "reg" = <0040043b00000000000040010000000000>
|| ||   "AAPL,phandle" = <82000000>
|| || }
|| ||
|| |+-o AppleS5L8960XNCO  <class AppleS5L8960XNCO, id 0x100000371, registered, matched, active, busy 0 (0
ms), retain 7>
|| |   {
|| |     "IOClass" = "AppleS5L8960XNCO"
|| |     "CFBundleIdentifier" = "com.apple.driver.AppleS5L8960XNCO"
|| |     "IOProviderClass" = "AppleARMIODevice"
|| |     "IOFunctionParent00000082" = <>
|| |     "IOPlatformActiveAction" = 0x14c08
|| |     "IOProbeScore" = 0x0
|| |     "IONameMatch" = "nco,s5l8960x"
|| |     "IOMatchedAtBoot" = Yes
|| |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |     "IONameMatched" = "nco,s5l8960x"
|| |     "IOPersonalityPublisher" = "com.apple.driver.AppleS5L8960XNCO"
|| |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleS5L8960XNCO"
|| |   }
|| |
|| +-o event-log-handler@3B700000  <class AppleARMIODevice, id 0x1000002ad, registered, matched, active, busy 0
(166 ms), retain 8>
|| || {
|| ||   "event-logs" =
<0000000000000000a4c0050000000000000000000000a0060001000000100000008c305000100000010000004800
030001000000100000004c80600020000000200000008002002000000020000004c06000300000030000000
0c007000400000004000000f03f00000500000005000000f03f00000600000006000000f03f00000700000007000000
f03f00000800000008000000f00f000009000000090000000f00f0000a0000000a000000f00f00000b0000000b00000
0f00f00000c0000000c000000f00f00000d0000000d000000f00f00000e0000000e000000f00f00000f0000000f00000
000180000>
|| ||   "compatible" = <6576656e742d6c6f672d68616e646c657222c743831303100>
|| ||   "interrupt-parent" = <67000000>
|| ||   "AAPL,phandle" = <83000000>
|| ||   "interrupts" =
<ae000000af000000bb000000c90000000a0000000d00000010000000290000002a0000002b0000002c0000002d000
0002e0000002f000000300000009a010000>
|| ||   "reg" =
<0000703b0000000000c0080000000000000000283d000000000040070000000000000000003b0000000000000700000
000000000203d00000000000080000000000000402c3b000000000040000000000000000802c3b000000000040000
00000000000000c02c3b000000000040000000000000000002c3b0000000000400000000000000000283b0000000008
0000000000000000080283b000000000080000000000000000293b0000000008000000000000000080293b0000000000
00080000000000000002a3b0000000000800000000000000000802a3b000000000080000000000000000002b3b000
0000000080000000000000080866b000000000040000000000000>
|| ||   "IOInterruptSpecifiers" =
(<ae000000>,<af000000>,<bb000000>,<c9000000>,<0a000000>,<0d000000>,<10000000>,<29000000>,<2a000000
>,<2b000000>,<2c000000>,<2d000000>,<2e000000>,<2f000000>,<30000000>,<9a010000>)
|| ||   "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptControlle
r00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterr
uptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController000000
67","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptContr
oller00000067","IOInterruptController000$
|| ||   "device_type" = <6576656e742d6c6f672d68616e646c657200>
|| ||   "IODeviceMemory" = (({"address"=0x23b700000,"length"=0x8c000}),
({"address"=0x23d280000,"length"=0x74000}),({"address"=0x23b000000,"length"=0x70000}),
({"address"=0x23d200000,"length"=0x80000}),({"address"=0x23b2c4000,"length"=0x4000}),
({"address"=0x23b2c8000,"length"=0x4000}),({"address"=0x23b2cc000,"length"=0x4000}),
({"address"=0x23b2c0000,"length"=0x4000}),({"address"=0x23b280000,"length"=0x8000}),
({"address"=0x23b288000,"length"=0x8000}),({"address"=0x23b290000,"length"=0x8000}),
({"address"=0x23b298000,"length"=0x8000}),({"ad$
|| ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"        First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"        Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
```

(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
     || || "IOReportLegendPublic" = Yes
     || || "panic-on-event-log-intr" = <01000000>
     || || "name" = <6576656e742d6c6f672d68616e646c657200>
     || ||}
     || ||
     || |+-o AppleEventLogHandler <class AppleEventLogHandler, id 0x10000036b, !registered, !matched, active, busy 0,
retain 4>
     || | {
     || | "IOProbeScore" = 0x0
     || | "CFBundleIdentifier" = "com.apple.driver.AppleEventLogHandler"
     || | "IOProviderClass" = "AppleARMIODevice"
     || | "IOClass" = "AppleEventLogHandler"
     || | "IOPersonalityPublisher" = "com.apple.driver.AppleEventLogHandler"
     || | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEventLogHandler"
     || | "IOMatchedAtBoot" = Yes
     || | "IONameMatch" = "event-log-handler,t8101"
     || | "IOMatchCategory" = "IODefaultMatchCategory"
     || | "IONameMatched" = "event-log-handler,t8101"
     || | }
     || |
     || +-o pmp@3BC00000 <class AppleARMIODevice, id 0x1000002ae, registered, matched, active, busy 0 (347 ms),
retain 9>
     || ||{
     || || "pio-vm-size" = <00000040>
     || || "segment-ranges" =
<0000503b020000000000000100000000000503b0200000000e002000300000000e0523b0200000000e002010000
000000e0523b020000000040030006000000>
     || || "iop-version" = <01000000>
     || || "clock-gates" = <5f00000060000000>
     || || "AAPL,phandle" = <84000000>
     || || "IOInterruptSpecifiers" = (<00020000>,<ff010000>,<02020000>,<01020000>)
     || || "IODeviceMemory" = (({"address"=0x23bc00000,"length"=0x60000}),
({"address"=0x23b850000,"length"=0x200000}),({"address"=0x23b500000,"length"=0x80000}),
({"address"=0x200024000,"length"=0x4000}),({"address"=0x200064000,"length"=0x4000}),
({"address"=0x2000a4000,"length"=0x4000}),({"address"=0x2000e4000,"length"=0x4000}),
({"address"=0x200158000,"length"=0x4000}),({"address"=0x200204000,"length"=0x4000}),
({"address"=0x200244000,"length"=0x4000}),({"address"=0x200284000,"length"=0x4000}),
({"address"=0x2002c4000,"length"=0x4000}),({"ad$
     || || "IOReportLegendPublic" = Yes
     || || "segment-names" = <5f5f544558543b5f5f4441544100>
     || || "iommu-parent" = <87000000>
     || || "pio-vm-base" = <000000c0>
     || || "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptControlle
r00000067")
     || || "name" = <706d7000>
     || || "interrupt-parent" = <67000000>
     || || "compatible" = <696f702c617363777261702d763400>
     || || "interrupts" = <00020000ff0100000202000001020000>
     || || "clock-ids" = <>
     || || "role" = <504d5000>
     || || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200020000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200020001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200020002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200020003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200020004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
     || || "device_type" = <706d7000>
     || || "power-gates" = <5f00000060000000>
     || || "reg" =
<0000c03b0000000000000600000000000000853b0000000000002000000000000000503b0000000000000800000
0000000040020000000000000400000000000040060000000000004000000000000400a00000000000004000000
00000000000400e00000000000004000000000000080150000000000004000000000000040200000000000000004
00000000000000004024000000000000400000000000000040280000000000004000000000000040200000000000
0004000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000$
     || || "pio-reg-index" = <03000000>
     || ||}
     || ||
     || |+-o AppleASCWrapV4 <class AppleASCWrapV4, id 0x10000034b, !registered, !matched, active, busy 0 (88 ms),
retain 5>
     || | |{
     || | | "IOProbeScore" = 0x0
     || | | "CFBundleIdentifier" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
     || | | "IOProviderClass" = "AppleARMIODevice"
     || | | "IOClass" = "AppleASCWrapV4"
     || | | "IOPersonalityPublisher" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
     || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
     || | | "IOMatchedAtBoot" = Yes
     || | | "IONameMatch" = "iop,ascwrap-v4"
     || | | "IOMatchCategory" = "IODefaultMatchCategory"
     || | | "IONameMatched" = "iop,ascwrap-v4"
     || | | "role" = "PMP"
     || | |}
     || | |
     || | +-o iop-pmp-nub <class AppleA7IOPNub, id 0x1000005cf, registered, matched, active, busy 0 (89 ms), retain 7>
     || | |{
     || | | "uuid" = <30463536423536392d323346302d333830422d384332312d46343036333032333230313500>
     || | | "segment-names" = <5f5f544558543b5f5f4441544100>

```
|| | | "pre-loaded" = <01000000>
|| | | "compatible" = <696f702d6e75622c727462756464792d763200>
|| | | "coredump-enable" = <40000000>
|| | | "AAPL,phandle" = <85000000>
|| | | "sram-index" = <01000000>
|| | | "firmware-name" = <7438313033706d7000>
|| | | "region-base" = <0000503b02000000>
|| | | "KDebugCoreID" = 0xf
|| | | "region-size" = <0000080000000000>
|| | | "dram-capacity" = <08000000>
|| | | "segment-ranges" =
<0000503b0200000000000001000000000000503b0200000000e002000300000000e0523b0200000000e002010000
000000e0523b02000000004003000600000000>
|| | | "energy-model-dram-configs" =
<0800000006000000cc4c1a0099999000066607000000010033b308000080580066e6540033330b00cccc000066661
700666623000080010099990f0066e6010033b31100cc4cb4009919aa0000801400cccc0000cccc2e00cccc250000800
1003333120066e6010000001400cc4cf2003333d20033b31600cccc00003333440008000000ff000000cc4c0f00cc4c0
00066e605000000010033330700666a0066e6470033b309000080000066617009999160000800000cc4c0c00ccc
c010000800e009919bd0033b39b003333100000800000cccc2e0099191a0000800000cc4c0f00cccc01000000120033b
30e013333cc006666130000$
|| | | "name" = <696f702d706d702d6e756200>
|| | | "user-power-managed" = <01000000>
|| | | }
|| | |
|| | +-o RTBuddy(PMP)  <class RTBuddy, id 0x100000626, registered, matched, active, busy 0 (70 ms), retain 19>
|| | | {
|| | | "IOClass" = "RTBuddy"
|| | | "IOPlatformPanicAction" = 0x15ba8
|| | | "RTKitVersion" = "RTKit-2784.120.5.0.1.release"
|| | | "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOReportLegendPublic" = Yes
|| | | "RTBuddyRouteProviderKey" = <85000000>
|| | | "IOProviderClass" = "AppleA7IOPNub"
|| | | "IOPowerManagement" = {"CapabilityFlags"=0x8002,"MaxPowerState"=0x2,"CurrentPowerState"=0x2}
|| | | "FirmwareUUID" = "0f56b569-23f0-380b-8c21-f40630232015"
|| | | "IOProbeScore" = 0x0
|| | | "IOUserClientClass" = "RTBuddyUserClient"
|| | | "IONameMatch" = "iop-nub,rtbuddy-v2"
|| | | "FirmwareVersion" = "not set"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
|| | | "IONameMatched" = "iop-nub,rtbuddy-v2"
|| | | "role" = "PMP"
|| | | "IOReportLegend" =
({"IOReportGroupName"="PMP","IOReportChannels"=((0x5254537475730000,0x900020002,"status")),"IOReportChannel
Info"={"IOReportChannelUnit"=0x100007980000018},"IOReportSubGroupName"="IOP State"})
|| | | }
|| | |
|| | +-o RTBuddyService  <class RTBuddyService, id 0x100000665, registered, matched, active, busy 0 (10 ms),
retain 5>
|| | | {
|| | | "IOProbeScore" = 0x3e8
|| | | "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
|| | | "IOMatchCategory" = "RTBuddyService"
|| | | "IOClass" = "RTBuddyService"
|| | | "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
|| | | "IOProviderClass" = "RTBuddy"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
|| | | "IOMatchedAtBoot" = Yes
|| | | "role" = "PMP"
|| | | }
|| | |
|| | +-o ApplePMPFirmware  <class ApplePMPFirmware, id 0x100000666, registered, matched, active, busy 0 (19
ms), retain 5>
|| | | {
|| | | "IOPropertyMatch" = {"role"="PMP"}
|| | | "CFBundleIdentifier" = "com.apple.driver.ApplePMPFirmware"
|| | | "IOMatchCategory" = "RTBuddyFirmwareService"
|| | | "IOClass" = "ApplePMPFirmware"
|| | | "IOPersonalityPublisher" = "com.apple.driver.ApplePMPFirmware"
|| | | "IOProviderClass" = "RTBuddy"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.ApplePMPFirmware"
|| | | "IOProbeScore" = 0x0
|| | | "IOMatchedAtBoot" = Yes
|| | | "Role" = "PMP"
|| | | }
|| | |
|| | +-o RTBuddyIOReportingEndpoint  <class RTBuddyIOReportingEndpoint, id 0x1000006c5, registered, matched,
active, busy 0 (0 ms), retain 7>
|| | | {
|| | | "IOReportLegend" =
({"IOReportGroupName"="PMP","IOReportChannels"=((0x5254494f75636e00,0x180000001,"update count"),
(0x5254494f6c757000,0x180000001,"last
update")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="IO Reporting statistics"},
{"IOReportGroupName"="PMP","IOReportChannels"=((0x525444757479436c,0x100020001,"Duty
cycle")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="Power"},
{"IOReportGroupName"="PMP","IOReportChannels"=((0x5254536c70436e74,0x100020001,"Sleep $
|| | | "IOReportLegendPublic" = Yes
```

```
  || |    | }
  || |    |
  || |    +-o PMPEndpoint1  <class RTBuddyEndpointService, id 0x1000006c6, registered, matched, active, busy 0 (26
ms), retain 7>
  || |      | {
  || |      | }
  || |      |
  || |      +-o ApplePMP  <class ApplePMP, id 0x1000006ca, registered, matched, active, busy 0 (24 ms), retain 6>
  || |        {
  || |          "IOClass" = "ApplePMP"
  || |          "CFBundleIdentifier" = "com.apple.driver.ApplePMP"
  || |          "IOProviderClass" = "RTBuddyEndpointService"
  || |          "IOPlatformWakeAction" = 0x262
  || |          "IOUserClientClass" = "ApplePMPUserClient"
  || |          "IOPlatformSleepAction" = 0x262
  || |          "IOProbeScore" = 0x1
  || |          "IONameMatch" = "PMPEndpoint1"
  || |          "IOMatchedAtBoot" = Yes
  || |          "IOMatchCategory" = "IODefaultMatchCategory"
  || |          "IONameMatched" = "PMPEndpoint1"
  || |          "IOPersonalityPublisher" = "com.apple.driver.ApplePMP"
  || |          "CFBundleIdentifierKernel" = "com.apple.driver.ApplePMP"
  || |          "IOFunctionParent00000085" = <>
  || |        }
  || |
  || +-o dart-pmp@3B300000  <class AppleARMIODevice, id 0x1000002af, registered, matched, active, busy 0 (258
ms), retain 9>
  || || {
  || || "sids" = <01800000>
  || || "reg" = <0000303b0000000000040000000000000000>
  || || "dart-id" = <06000000>
  || || "clock-gates" = <>
  || || "AAPL,phandle" = <86000000>
  || || "bypass" = <00800000>
  || || "instance" = <545241444441525400000000>
  || || "IOInterruptSpecifiers" = (<03020000>)
  || || "IODeviceMemory" = (({"address"=0x23b300000,"length"=0x4000}))
  || || "tlb-invalid-refetch" = <>
  || || "dart-options" = <0d000000>
  || || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
  || || "IOReportLegendPublic" = Yes
  || || "pio-vm-base" = <000000c0>
  || || "IOInterruptControllers" = ("IOInterruptController00000067")
  || || "name" = <646172742d706d7000>
  || || "interrupt-parent" = <67000000>
  || || "compatible" = <646172742c743830323000>
  || || "page-size" = <00400000>
  || || "interrupts" = <03020000>
  || || "diag-config" = <00210080>
  || || "bypass-address" = <0000000000000000000000000000000002>
  || || "dart-tunables-instance-0" =
<6000000004000000006100080000000000610080000000006800000004000000f0f0f00000000000f0f0f00000000
006c00000004000000ffffff00000000000080808000000000000>
  || || "pio-granularity" = <00000001>
  || || "error-reflector" = <00c0ff3c02000000>
  || || "device_type" = <6461727400>
  || || "power-gates" = <>
  || || "vm-size" = <0000f0bf>
  || || "pio-vm-size" = <00000040>
  || || }
  || ||
  || |+-o AppleT8020DART  <class AppleT8020DART, id 0x10000034a, registered, matched, active, busy 0 (80 ms),
retain 49>
  || |  | {
  || |  |   "IOClass" = "AppleT8020DART"
  || |  |   "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
  || |  |   "IOProviderClass" = "AppleARMIODevice"
  || |  |   "IOFunctionParent00000086" = <>
  || |  |   "IOPlatformActiveAction" = 0x13880
  || |  |   "noncompliant-dead-mappings" = No
  || |  |   "IOPlatformSleepAction" = 0x13880
  || |  |   "IOProbeScore" = 0x0
  || |  |   "IONameMatch" = "dart,t8020"
  || |  |   "IOMatchedAtBoot" = Yes
  || |  |   "IOMatchCategory" = "IODefaultMatchCategory"
  || |  |   "IOUserClientClass" = "IODARTClient"
  || |  |   "IONameMatched" = "dart,t8020"
  || |  |   "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
  || |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
  || |  |   "iommu-dart-identity" = <86000000>
  || |  | }
  || |  |
  || |  +-o mapper-pmp@0  <class IODARTMapperNub, id 0x1000003a4, registered, matched, active, busy 0 (80 ms),
retain 8>
  || |    | {
```

```
|| |  | "compatible" = <696f6d6d752d6d617070657200>
|| |  | "reg" = <00000000>
|| |  | "device_type" = <646172742d6d617070657200>
|| |  | "name" = <6d61707065722d706d7000>
|| |  | "pio-range" =
<00400200020000000040000000000000000040060002000000004000000000000000400a000200000000400000000
0000000400e00020000000040000000000000000801500020000000040000000000000000017000200000000400000
00000000000040200002000000004000000000000000402400020000000040000000000000004028000200000000400
00000000000000402c000200000000400000000000000000d10402000000004000000000000000080051002000000000
04000000000000000080151002000000004000000000000000080251002000000004000000000000000080351002000
00000400000000000000000e21002000000000006000000000000000$
|| |  | "AAPL,phandle" = <87000000>
|| |  | }
|| |  |
|| |  +-o IODARTMapper  <class IODARTMapper, id 0x1000003c4, registered, matched, active, busy 0 (69 ms), retain 91>
|| |      {
|| |        "IOClass" = "IODARTMapper"
|| |        "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| |        "IOProviderClass" = "IODARTMapperNub"
|| |        "iommu-dart-translation" = Yes
|| |        "IOUserClientClass" = "IODARTMapperClient"
|| |        "IOProbeScore" = 0x0
|| |        "IONameMatch" = "iommu-mapper"
|| |        "IOMatchedAtBoot" = Yes
|| |        "IOMatchCategory" = "IODefaultMatchCategory"
|| |        "IONameMatched" = "iommu-mapper"
|| |        "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| |        "IOMapperID" = <87000000>
|| |        "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| |      }
|| |
|| +-o sep@42400000  <class AppleARMIODevice, id 0x1000002b0, registered, matched, active, busy 0 (478 ms), retain 9>
|| || {
|| || "IOInterruptSpecifiers" = (<fe000000>,<fd000000>,<00010000>,<ff000000>)
|| || "aot-power" = <01000000>
|| || "iop-version" = <01000000>
|| || "clock-gates" = <>
|| || "AAPL,phandle" = <88000000>
|| || "IODeviceMemory" = (({"address"=0x242400000,"length"=0x6c000}),
({"address"=0x242050000,"length"=0x60000}))
|| || "IOReportLegendPublic" = Yes
|| || "self-power-gate" = <>
|| || "iommu-parent" = <8e000000>
|| || "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptControlle
r00000067")
|| || "sika-support" = <01000000>
|| || "name" = <73657000>
|| || "interrupt-parent" = <67000000>
|| || "compatible" = <696f702d7365702c617363777261702d763400>
|| || "interrupts" = <fe000000fd00000000010000ff000000>
|| || "clock-ids" = <76010000>
|| || "role" = <53455000>
|| || "sepfw-loaded" = <01000000>
|| || "aarch64" = <>
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200020000,0x100020001,"         First Level Interrupt Handler Count"),
(0x496e747200020001,0x100020001,"         Second Level Interrupt Handler Count"),
(0x496e747200020002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200020003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200020004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "device_type" = <73657000>
|| || "cpu-ctrl-filtered" = <>
|| || "reg" = <000040420000000000c006000000000000005420000000000000006000000000>
|| || "power-gates" = <>
|| || }
|| ||
|| |+-o AppleASCWrapV4SEP  <class AppleASCWrapV4SEP, id 0x1000004de, !registered, !matched, active, busy 0
(236 ms), retain 5>
|| | |{
|| | | "IOProbeScore" = 0x0
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOClass" = "AppleASCWrapV4SEP"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IONameMatch" = "iop-sep,ascwrap-v4"
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IONameMatched" = "iop-sep,ascwrap-v4"
|| | | "role" = "SEP"
|| | |}
|| | |
|| | +-o iop-sep-nub  <class AppleA7IOPNub, id 0x100000531, registered, matched, active, busy 0 (236 ms), retain
10>
|| | |{
|| | | "AAPL,phandle" = <89000000>
|| | | "compatible" = <696f702d6e75622c73657000>
```

```
|| |   |   "tz1-size" = <00800000>
|| |   |   "tz0-size-set" = <01000000>
|| |   |   "tz0-size" = <0080c201>
|| |   |   "function-wait_for_power_gate" = <7e00000074696157690000000000000000000000>
|| |   |   "tz1-size-set" = <00000000>
|| |   |   "rom-panic-bytes" = <88010000>
|| |   |   "name" = <696f702d7365702d6e756200>
|| |   |}
|| |   |
|| |   +-o AppleSEPManager  <class AppleSEPManager, id 0x10000054f, registered, matched, active, busy 0 (223 ms),
retain 48>
|| |   |{
|| |   |   "IOClass" = "AppleSEPManager"
|| |   |   "CFBundleIdentifier" = "com.apple.driver.AppleSEPManager"
|| |   |   "IOProviderClass" = "AppleA7IOPNub"
|| |   |   "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2}
|| |   |   "IOUserClientClass" = "AppleSEPUserClient"
|| |   |   "IOPlatformQuiesceAction" = 0x15f8f
|| |   |   "IOProbeScore" = 0x0
|| |   |   "IONameMatch" = "iop-nub,sep"
|| |   |   "IOMatchedAtBoot" = Yes
|| |   |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |   "SEPCameraDisable" = No
|| |   |   "IONameMatched" = "iop-nub,sep"
|| |   |   "IOPersonalityPublisher" = "com.apple.driver.AppleSEPManager"
|| |   |   "sep-booted" = Yes
|| |   |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleSEPManager"
|| |   |   "HasXART" = Yes
|| |   |}
|| |   |
|| |   +-o NVMeSEPNotifier  <class NVMeSEPNotifier, id 0x100000565, !registered, !matched, active, busy 0, retain
4>
|| |   |  {
|| |   |   "IOProbeScore" = 0x0
|| |   |   "CFBundleIdentifier" = "com.apple.iokit.IONVMeFamily"
|| |   |   "IOMatchCategory" = "NVMeSEPNotifier"
|| |   |   "IOClass" = "NVMeSEPNotifier"
|| |   |   "IOPersonalityPublisher" = "com.apple.iokit.IONVMeFamily"
|| |   |   "IOProviderClass" = "AppleSEPManager"
|| |   |   "CFBundleIdentifierKernel" = "com.apple.iokit.IONVMeFamily"
|| |   |   "IOMatchedAtBoot" = Yes
|| |   |  }
|| |   |
|| |   +-o sep-endpoint,hibe  <class AppleSEPDeviceService, id 0x100000864, registered, matched, active, busy 0 (3
ms), retain 7>
|| |   ||{
|| |   ||}
|| |   ||
|| |   |+-o HibernationService  <class HibernationService, id 0x100000866, registered, matched, active, busy 0 (2
ms), retain 6>
|| |   |   {
|| |   |    "IOProbeScore" = 0x0
|| |   |    "CFBundleIdentifier" = "com.apple.driver.SEPHibernation"
|| |   |    "IOProviderClass" = "AppleSEPDeviceService"
|| |   |    "IOClass" = "HibernationService"
|| |   |    "IOPersonalityPublisher" = "com.apple.driver.SEPHibernation"
|| |   |    "CFBundleIdentifierKernel" = "com.apple.driver.SEPHibernation"
|| |   |    "IOMatchedAtBoot" = Yes
|| |   |    "IONameMatch" = "sep-endpoint,hibe"
|| |   |    "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |    "IONameMatched" = "sep-endpoint,hibe"
|| |   |    "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| |   |   }
|| |   |
|| |   +-o sep-endpoint,stac  <class AppleSEPDeviceService, id 0x100000865, registered, matched, active, busy 0 (3
ms), retain 7>
|| |   ||{
|| |   ||}
|| |   ||
|| |   |+-o AppleTrustedAccessoryManager  <class AppleTrustedAccessoryManager, id 0x100000869, registered,
matched, active, busy 0 (0 ms), retain 7>
|| |   |   |{
|| |   |   |   "IOClass" = "AppleTrustedAccessoryManager"
|| |   |   |   "CFBundleIdentifier" = "com.apple.driver.AppleTrustedAccessory"
|| |   |   |   "IOProviderClass" = "AppleSEPDeviceService"
|| |   |   |   "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| |   |   |   "IOUserClientClass" = "AppleTrustedAccessoryManagerUserClient"
|| |   |   |   "IOProbeScore" = 0x0
|| |   |   |   "IONameMatch" = "sep-endpoint,stac"
|| |   |   |   "IOMatchedAtBoot" = Yes
|| |   |   |   "IOMatchCategory" = "com_apple_driver_AppleTrustedAccessoryManager"
|| |   |   |   "IONameMatched" = "sep-endpoint,stac"
|| |   |   |   "IOPersonalityPublisher" = "com.apple.driver.AppleTrustedAccessory"
|| |   |   |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleTrustedAccessory"
|| |   |   |}
|| |   |   |
|| |   |   +-o AppleTrustedAccessoryManagerUserClient  <class AppleTrustedAccessoryManagerUserClient, id
0x1000011cc, !registered, !matched, active, busy 0, retain 5>
|| |   |   |    {
```

```
|| |  |       "IOUserClientCreator" = "pid 626, coreauthd"
|| |  |       "IOUserClientDefaultLocking" = Yes
|| |  |     }
|| |  |
|| |  +-o sep-endpoint,pnon  <class AppleSEPDeviceService, id 0x100000868, registered, matched, active, busy 0
(0 ms), retain 7>
|| |  |   {
|| |  |   }
|| |  |
|| |  +-o sep-endpoint,xars  <class AppleSEPDeviceService, id 0x10000086b, registered, matched, active, busy 0 (0
ms), retain 7>
|| |  || {
|| |  || }
|| |  ||
|| |  | +-o AppleSEPXARTService  <class AppleSEPXARTService, id 0x10000086e, registered, matched, active, busy
0 (0 ms), retain 6>
|| |  |   {
|| |  |     "IOProbeScore" = 0x0
|| |  |     "CFBundleIdentifier" = "com.apple.driver.AppleSEPManager"
|| |  |     "IOProviderClass" = "AppleSEPDeviceService"
|| |  |     "IOClass" = "AppleSEPXARTService"
|| |  |     "IOPersonalityPublisher" = "com.apple.driver.AppleSEPManager"
|| |  |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleSEPManager"
|| |  |     "IOMatchedAtBoot" = Yes
|| |  |     "IONameMatch" = "sep-endpoint,xars"
|| |  |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |  |     "IONameMatched" = "sep-endpoint,xars"
|| |  |     "XartApToSep" = Yes
|| |  |   }
|| |  |
|| |  +-o sep-endpoint,xarm  <class AppleSEPDeviceService, id 0x10000086c, registered, matched, active, busy 0
(0 ms), retain 7>
|| |  || {
|| |  || }
|| |  ||
|| |  | +-o AppleSEPXARTService  <class AppleSEPXARTService, id 0x10000086d, registered, matched, active, busy
0 (0 ms), retain 6>
|| |  |   {
|| |  |     "IOProbeScore" = 0x0
|| |  |     "CFBundleIdentifier" = "com.apple.driver.AppleSEPManager"
|| |  |     "IOProviderClass" = "AppleSEPDeviceService"
|| |  |     "IOClass" = "AppleSEPXARTService"
|| |  |     "IOPersonalityPublisher" = "com.apple.driver.AppleSEPManager"
|| |  |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleSEPManager"
|| |  |     "IOMatchedAtBoot" = Yes
|| |  |     "IONameMatch" = "sep-endpoint,xarm"
|| |  |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |  |     "IONameMatched" = "sep-endpoint,xarm"
|| |  |   }
|| |  |
|| |  +-o sep-endpoint,cntl  <class AppleSEPDeviceService, id 0x10000086f, registered, matched, active, busy 0 (0
ms), retain 6>
|| |  |   {
|| |  |   }
|| |  |
|| |  +-o sep-endpoint,hdcp  <class AppleSEPDeviceService, id 0x100000870, registered, matched, active, busy 0 (1
ms), retain 7>
|| |  || {
|| |  || }
|| |  ||
|| |  | +-o AppleSEPHDCPManager  <class AppleSEPHDCPManager, id 0x100000871, registered, matched, active,
busy 0 (0 ms), retain 12>
|| |  |  | {
|| |  |  |   "IOProbeScore" = 0x0
|| |  |  |   "CFBundleIdentifier" = "com.apple.driver.AppleSEPHDCPManager"
|| |  |  |   "IOProviderClass" = "AppleSEPDeviceService"
|| |  |  |   "IOClass" = "AppleSEPHDCPManager"
|| |  |  |   "IOPersonalityPublisher" = "com.apple.driver.AppleSEPHDCPManager"
|| |  |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleSEPHDCPManager"
|| |  |  |   "IOMatchedAtBoot" = Yes
|| |  |  |   "IONameMatch" = "sep-endpoint,hdcp"
|| |  |  |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |  |  |   "IONameMatched" = "sep-endpoint,hdcp"
|| |  |  | }
|| |  |  |
|| |  |  +-o AppleHDCPInterface  <class AppleHDCPInterface, id 0x100000898, registered, matched, active, busy 0
(0 ms), retain 6>
|| |  |  |   {
|| |  |  |     "HDCPChannel" = 0x0
|| |  |  |     "HDCPRole" = "(None - Not Open)"
|| |  |  |     "HDCPTransport" = 0x0
|| |  |  |     "HDCPRXCapabilities" = {"Protocols"=(0x1,0x2)}
|| |  |  |     "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| |  |  |     "HDCPCapabilityMask" = 0x3
|| |  |  |     "HDCPTXCapabilities" = {"Protocols"=(0x1,0x2)}
|| |  |  |   }
|| |  |  |
|| |  |  +-o AppleHDCPInterface  <class AppleHDCPInterface, id 0x10000089a, registered, matched, active, busy 0
(0 ms), retain 6>
|| |  |  |   {
```

```
|| |      | |    "HDCPChannel" = 0x1
|| |      | |    "HDCPRole" = "(None - Not Open)"
|| |      | |    "HDCPTransport" = 0x0
|| |      | |    "HDCPRXCapabilities" = {"Protocols"=(0x1,0x2)}
|| |      | |    "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| |      | |    "HDCPCapabilityMask" = 0x3
|| |      | |    "HDCPTXCapabilities" = {"Protocols"=(0x1,0x2)}
|| |      | | }
|| |      | |
|| |      | +-o AppleHDCPInterface  <class AppleHDCPInterface, id 0x10000089c, registered, matched, active, busy 0
(0 ms), retain 6>
|| |      | |  {
|| |      | |    "HDCPChannel" = 0x2
|| |      | |    "HDCPRole" = "(None - Not Open)"
|| |      | |    "HDCPTransport" = 0x0
|| |      | |    "HDCPRXCapabilities" = {"Protocols"=(0x1,0x2)}
|| |      | |    "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| |      | |    "HDCPCapabilityMask" = 0x3
|| |      | |    "HDCPTXCapabilities" = {"Protocols"=(0x1,0x2)}
|| |      | | }
|| |      | |
|| |      | +-o AppleHDCPInterface  <class AppleHDCPInterface, id 0x10000089e, registered, matched, active, busy 0
(0 ms), retain 6>
|| |      | |  {
|| |      | |    "HDCPChannel" = 0x3
|| |      | |    "HDCPRole" = "(None - Not Open)"
|| |      | |    "HDCPTransport" = 0x0
|| |      | |    "HDCPRXCapabilities" = {"Protocols"=(0x1,0x2)}
|| |      | |    "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| |      | |    "HDCPCapabilityMask" = 0x3
|| |      | |    "HDCPTXCapabilities" = {"Protocols"=(0x1,0x2)}
|| |      | | }
|| |      | |
|| |      | +-o AppleHDCPInterface  <class AppleHDCPInterface, id 0x1000008a0, registered, matched, active, busy 0
(0 ms), retain 6>
|| |      | |  {
|| |      | |    "HDCPChannel" = 0x4
|| |      | |    "HDCPRole" = "(None - Not Open)"
|| |      | |    "HDCPTransport" = 0x1
|| |      | |    "HDCPRXCapabilities" = {"Protocols"=()}
|| |      | |    "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| |      | |    "HDCPCapabilityMask" = 0x2
|| |      | |    "HDCPTXCapabilities" = {"Protocols"=(0x1,0x2)}
|| |      | | }
|| |      | |
|| |      | +-o AppleHDCPInterface  <class AppleHDCPInterface, id 0x1000008a2, registered, matched, active, busy 0
(0 ms), retain 6>
|| |      | |  {
|| |      | |    "HDCPChannel" = 0x5
|| |      | |    "HDCPRole" = "(None - Not Open)"
|| |      | |    "HDCPTransport" = 0x1
|| |      | |    "HDCPRXCapabilities" = {"Protocols"=()}
|| |      | |    "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| |      | |    "HDCPCapabilityMask" = 0x2
|| |      | |    "HDCPTXCapabilities" = {"Protocols"=(0x1,0x2)}
|| |      | | }
|| |      | |
|| |      | +-o AppleHDCPInterface  <class AppleHDCPInterface, id 0x1000008a4, registered, matched, active, busy 0
(0 ms), retain 6>
|| |      |    {
|| |      |      "HDCPChannel" = 0x6
|| |      |      "HDCPRole" = "(None - Not Open)"
|| |      |      "HDCPTransport" = 0x1
|| |      |      "HDCPRXCapabilities" = {"Protocols"=()}
|| |      |      "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| |      |      "HDCPCapabilityMask" = 0x2
|| |      |      "HDCPTXCapabilities" = {"Protocols"=(0x1,0x2)}
|| |      |    }
|| |      |
|| |      +-o sep-endpoint,sbio  <class AppleSEPDeviceService, id 0x1000008af, registered, matched, active, busy 0
(212 ms), retain 7>
|| |      ||{
|| |      ||}
|| |      ||
|| |      |+-o AppleMesaSEPDriver  <class AppleMesaSEPDriver, id 0x1000008b0, registered, matched, active, busy 0
(201 ms), retain 9>
|| |      | |{
|| |      | |  "IOClass" = "AppleMesaSEPDriver"
|| |      | |  "CFBundleIdentifier" = "com.apple.driver.AppleMesaSEPDriver"
|| |      | |  "IOProviderClass" = "AppleSEPDeviceService"
|| |      | |  "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| |      | |  "ScanningState" = 0x0
|| |      | |  "IOProbeScore" = 0x3e8
|| |      | |  "IONameMatch" = "sep-endpoint,sbio"
|| |      | |  "IOMatchedAtBoot" = Yes
|| |      | |  "IOMatchCategory" = "com_apple_driver_AppleMesaSEPDriver"
|| |      | |  "MesaCalBlobSource" = "FDR"
|| |      | |  "IOGeneralInterest" = "IOCommand is not serializable"
|| |      | |  "IONameMatched" = "sep-endpoint,sbio"
|| |      | |  "IOPersonalityPublisher" = "com.apple.driver.AppleMesaSEPDriver"
```

```
|| |    |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleMesaSEPDriver"
|| |    |  |}
|| |    |  |
|| |    |  +-o AppleBiometricServices  <class AppleBiometricServices, id 0x1000008b5, registered, matched, active,
busy 0 (194 ms), retain 6>
|| |    |  |{
|| |    |  |   "IOProbeScore" = 0x0
|| |    |  |   "CFBundleIdentifier" = "com.apple.driver.AppleBiometricServices"
|| |    |  |   "IOMatchCategory" = "com_apple_driver_AppleBiometricServices"
|| |    |  |   "IOClass" = "AppleBiometricServices"
|| |    |  |   "IOPersonalityPublisher" = "com.apple.driver.AppleBiometricServices"
|| |    |  |   "IOProviderClass" = "AppleMesaSEPDriver"
|| |    |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleBiometricServices"
|| |    |  |   "IOMatchedAtBoot" = Yes
|| |    |  |   "IOUserClientClass" = "AppleBiometricServicesUserClient"
|| |    |  |   "IOGeneralInterest" = "IOCommand is not serializable"
|| |    |  |}
|| |    |  |
|| |    |  +-o AppleBiometricServicesUserClient  <class AppleBiometricServicesUserClient, id 0x10000a21d, !
registered, !matched, active, busy 0, retain 5>
|| |    |      {
|| |    |       "IOUserClientCreator" = "pid 12211, biometrickitd"
|| |    |       "IOUserClientDefaultLocking" = Yes
|| |    |      }
|| |    |
|| |    +-o sep-endpoint,skdl  <class AppleSEPDeviceService, id 0x1000008b2, registered, matched, active, busy 0
(10 ms), retain 7>
|| |    ||{
|| |    ||}
|| |    ||
|| |    |+-o CoreKDLDriver  <class CoreKDLDriver, id 0x1000008b6, registered, matched, active, busy 0 (3 ms), retain
8>
|| |    |  |{
|| |    |  |   "IOClass" = "CoreKDLDriver"
|| |    |  |   "CFBundleIdentifier" = "com.apple.driver.CoreKDL"
|| |    |  |   "IOProviderClass" = "AppleSEPDeviceService"
|| |    |  |   "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| |    |  |   "IOUserClientClass" = "CoreKDLUserClient"
|| |    |  |   "IOProbeScore" = 0x0
|| |    |  |   "IONameMatch" = "sep-endpoint,skdl"
|| |    |  |   "IOMatchedAtBoot" = Yes
|| |    |  |   "IOMatchCategory" = "CoreKDLDriver"
|| |    |  |   "IONameMatched" = "sep-endpoint,skdl"
|| |    |  |   "IOPersonalityPublisher" = "com.apple.driver.CoreKDL"
|| |    |  |   "CFBundleIdentifierKernel" = "com.apple.driver.CoreKDL"
|| |    |  |}
|| |    |  |
|| |    |  +-o CoreKDLUserClient  <class CoreKDLUserClient, id 0x1000081fe, !registered, !matched, active, busy 0,
retain 5>
|| |    |  | {
|| |    |  |   "IOUserClientCreator" = "pid 626, coreauthd"
|| |    |  |   "IOUserClientDefaultLocking" = Yes
|| |    |  | }
|| |    |  |
|| |    |  +-o CoreKDLUserClient  <class CoreKDLUserClient, id 0x1000081ff, !registered, !matched, active, busy 0,
retain 5>
|| |    |      {
|| |    |       "IOUserClientCreator" = "pid 626, coreauthd"
|| |    |       "IOUserClientDefaultLocking" = Yes
|| |    |      }
|| |    |
|| |    +-o sep-endpoint,sse  <class AppleSEPDeviceService, id 0x1000008b3, registered, matched, active, busy 0 (8
ms), retain 6>
|| |    |  {
|| |    |  }
|| |    |
|| |    +-o sep-endpoint,scrd  <class AppleSEPDeviceService, id 0x1000008b4, registered, matched, active, busy 0 (5
ms), retain 6>
|| |    |  {
|| |    |  }
|| |    |
|| |    +-o sep-endpoint,sks  <class AppleSEPDeviceService, id 0x1000008b9, registered, matched, active, busy 0 (0
ms), retain 6>
|| |       {
|| |       }
|| |
|| +-o dart-sep@412C0000  <class AppleARMIODevice, id 0x1000002b1, registered, matched, active, busy 0 (232 ms),
retain 9>
|| ||{
|| ||  "dart-id" = <07000000>
|| ||  "IOInterruptSpecifiers" = (<03010000>)
|| ||  "AAPL,phandle" = <8d000000>
|| ||  "bypass" = <00800000>
|| ||  "instance" = <54524144444125400000000>
|| ||  "IODeviceMemory" = (({"address"=0x2412c0000,"length"=0x4000}))
|| ||  "IOReportLegendPublic" = Yes
|| ||  "tlb-invalid-refetch" = <>
|| ||  "dart-options" = <05000000>
|| ||  "IOInterruptControllers" = ("IOInterruptController00000067")
|| ||  "name" = <646172742d73657000>
```

```
|| || "interrupt-parent" = <67000000>
|| || "retention" = <>
|| || "compatible" = <646172742c743830323000>
|| || "page-size" = <00400000>
|| || "interrupts" = <03010000>
|| || "diag-config" = <00210080>
|| || "bypass-address" = <0000000000000000000000000000002>
|| || "dart-tunables-instance-0" =
<6000000004000000006100080000000000061008000000006800000040000000f0f0f00000000000f0f0f00000000
006c00000004000000ffffff0000000000080808000000000000>
|| || "error-reflector" = <00c0ff3c02000000>
|| || "device_type" = <6461727400>
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"        First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"        Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "reg" = <00002c4100000000004000000000000>
|| || "sids" = <01800000>
|| ||}
|| ||
|| |+-o AppleT8020DART  <class AppleT8020DART, id 0x1000004d8, registered, matched, active, busy 0 (8 ms),
retain 29>
|| | |{
|| | | "IOClass" = "AppleT8020DART"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOFunctionParent0000008D" = <>
|| | | "IOPlatformActiveAction" = 0x13880
|| | | "noncompliant-dead-mappings" = No
|| | | "IOPlatformSleepAction" = 0x13880
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = "dart,t8020"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IOUserClientClass" = "IODARTClient"
|| | | "IONameMatched" = "dart,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| | | "iommu-dart-identity" = <8d000000>
|| | |}
|| | |
|| | +-o mapper-sep@0  <class IODARTMapperNub, id 0x1000004da, registered, matched, active, busy 0 (8 ms),
retain 8>
|| | |{
|| | | "device_type" = <646172742d6d617070657200>
|| | | "reg" = <00000000>
|| | | "name" = <6d61707065722d73657000>
|| | | "AAPL,phandle" = <8e000000>
|| | | "compatible" = <696f6d6d752d6d617070657200>
|| | |}
|| | |
|| | +-o IODARTMapper  <class IODARTMapper, id 0x1000004ff, registered, matched, active, busy 0 (6 ms), retain
51>
|| | {
|| | "IOClass" = "IODARTMapper"
|| | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | "IOProviderClass" = "IODARTMapperNub"
|| | "iommu-dart-translation" = Yes
|| | "IOUserClientClass" = "IODARTMapperClient"
|| | "IOProbeScore" = 0x0
|| | "IONameMatch" = "iommu-mapper"
|| | "IOMatchedAtBoot" = Yes
|| | "IOMatchCategory" = "IODefaultMatchCategory"
|| | "IONameMatched" = "iommu-mapper"
|| | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | "IOMapperID" = <8e000000>
|| | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | }
|| |
|| +-o sio@36400000  <class AppleARMIODevice, id 0x1000002b2, registered, matched, active, busy 0 (374 ms),
retain 9>
|| ||{
|| || "IOInterruptSpecifiers" = (<81020000>,<80020000>,<83020000>,<82020000>)
|| || "iop-version" = <01000000>
|| || "clock-gates" = <24010000>
|| || "AAPL,phandle" = <8f000000>
|| || "asio-ascwrap-tunables" =
<4000000004000000ff0000000000000004000000000000c080000040000000100006000000000010000600000
0000>
|| || "IODeviceMemory" = (({"address"=0x236400000,"length"=0x6c000}),
({"address"=0x236050000,"length"=0x4000}))
|| || "IOReportLegendPublic" = Yes
|| || "segment-names" = <5f5f544558543b5f5f4441544100>
|| || "map-range" = <4353494d000000035020000000040000000000000>
|| || "iommu-parent" = <93000000>
|| || "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptControlle
r00000067")
```

```
|| || "name" = <73696f00>
|| || "interrupt-parent" = <67000000>
|| || "dmashim" =
<495053530000103502000000000010000000000000d0000000e0000000f000000004000005241553300002035020000000001000000000000100000002000000030000000040000044554153300003038020000000001000000000000001e0000001f0000002000000004000000>
|| || "compatible" = <696f702c617363777261702d763400>
|| || "interrupts" = <8102000080020000083020000820200000>
|| || "clock-ids" = <4c0100004d01000051010000>
|| || "device-type" =
<49505364050000000000000005241556409000000000000041504464020000000c000000>
|| || "role" = <53494f00>
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200020000,0x100020001,"        First Level Interrupt Handler Count"),
(0x496e747200020001,0x100020001,"        Second Level Interrupt Handler Count"),
(0x496e747200020002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200020003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200020004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "device_type" = <73696f00>
|| || "power-gates" = <24010000>
|| || "reg" = <000040360000000000c0060000000000000000536000000000004000000000000000>
|| || "segment-ranges" =
<0000540108000000000000000000000000000002000000000000c00100010000000004000020800000000c001000000000000002200000000000000800f0000000000>
|| ||}
|| ||
|| | +-o AppleASCWrapV4  <class AppleASCWrapV4, id 0x1000004dc, !registered, !matched, active, busy 0 (118 ms),
retain 5>
|| | | |{
|| | | | "IOProbeScore" = 0x0
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
|| | | | "IOProviderClass" = "AppleARMIODevice"
|| | | | "IOClass" = "AppleASCWrapV4"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IONameMatch" = "iop,ascwrap-v4"
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "IONameMatched" = "iop,ascwrap-v4"
|| | | | "role" = "SIO"
|| | | |}
|| | |
|| | +-o iop-sio-nub  <class AppleA7IOPNub, id 0x1000005c3, registered, matched, active, busy 0 (118 ms), retain 8>
|| | | |{
|| | | | "pre-loaded" = <01000000>
|| | | | "compatible" = <696f702d6e75622c727462756464792d763200>
|| | | | "KDebugCoreID" = 0x10
|| | | | "segment-ranges" =
<0000540108000000000000000000000000000002000000000000c00100010000000004000020800000000c001000000000000002200000000000000800f0000000000>
|| | | | "uuid" = <44393638363545412d434131362d333735442d424434412d343831413839393930313337300>
|| | | | "coredump-enable" = <40000000>
|| | | | "no-firmware-service" = <>
|| | | | "segment-names" = <5f5f544558543b5f5f4441544100>
|| | | | "user-power-managed" = <01000000>
|| | | | "name" = <696f702d73696f2d6e756200>
|| | | | "AAPL,phandle" = <90000000>
|| | | |}
|| | |
|| | +-o RTBuddy(SIO)  <class RTBuddy, id 0x10000063e, registered, matched, active, busy 0 (76 ms), retain 17>
|| | | |{
|| | | | "IOClass" = "RTBuddy"
|| | | | "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
|| | | | "IOProviderClass" = "AppleA7IOPNub"
|| | | | "IOPlatformPanicAction" = 0x15ba8
|| | | | "IOUserClientClass" = "RTBuddyUserClient"
|| | | | "IOProbeScore" = 0x0
|| | | | "IONameMatch" = "iop-nub,rtbuddy-v2"
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "IOReportLegend" =
({"IOReportGroupName"="SIO","IOReportChannels"=((0x5254537475730000,0x900020002,"status")),"IOReportChannelI
nfo"={"IOReportChannelUnit"=0x100007980000018},"IOReportSubGroupName"="IOP State"})
|| | | | "IOReportLegendPublic" = Yes
|| | | | "FirmwareUUID" = "d96865ea-ca16-375d-bd4a-481a89990137"
|| | | | "FirmwareVersion" = "not set"
|| | | | "IONameMatched" = "iop-nub,rtbuddy-v2"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
|| | | | "role" = "SIO"
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
|| | | | "RTBuddyRouteProviderKey" = <90000000>
|| | | | "RTKitVersion" = "RTKit-2784.120.5.0.1.release"
|| | | |}
|| | |
|| | +-o RTBuddyService  <class RTBuddyService, id 0x10000065e, registered, matched, active, busy 0 (5 ms),
retain 5>
|| | | | {
|| | | |   "IOProbeScore" = 0x3e8
|| | | |   "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
|| | | |   "IOMatchCategory" = "RTBuddyService"
```

```
    || |    |   "IOClass" = "RTBuddyService"
    || |    |   "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
    || |    |   "IOProviderClass" = "RTBuddy"
    || |    |   "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
    || |    |   "IOMatchedAtBoot" = Yes
    || |    |   "role" = "SIO"
    || |    | }
    || |    |
    || |    +-o RTBuddyIOReportingEndpoint  <class RTBuddyIOReportingEndpoint, id 0x100000663, registered, matched,
active, busy 0 (4 ms), retain 7>
    || |    | {
    || |    |   "IOReportLegend" =
({"IOReportGroupName"="SIO","IOReportChannels"=((0x5254494f75636e00,0x180000001,"update count"),
(0x5254494f6c757000,0x180000001,"last
update"))),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="IO Reporting statistics"},
{"IOReportGroupName"="SIO","IOReportChannels"=((0x525444757479436c,0x100020001,"Duty
cycle")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="Power"},
{"IOReportGroupName"="SIO","IOReportChannels"=((0x5254536c70436e74,0x100020001,"Sleep $
    || |    |   "IOReportLegendPublic" = Yes
    || |    | }
    || |    |
    || |    +-o SIOEndpoint1  <class RTBuddyEndpointService, id 0x100000669, registered, matched, active, busy 0 (72
ms), retain 8>
    || |    | {
    || |    | }
    || |    |
    || |    +-o AppleSmartIO  <class AppleSmartIO, id 0x10000067c, registered, matched, active, busy 0 (60 ms), retain
6>
    || |    | {
    || |    |   "IOClass" = "AppleSmartIO"
    || |    |   "CFBundleIdentifier" = "com.apple.driver.AppleSmartIO2"
    || |    |   "IOProviderClass" = "RTBuddyEndpointService"
    || |    |   "IOPlatformActiveAction" = 0x13880
    || |    |   "IOPlatformWakeAction" = 0x24e
    || |    |   "IOPlatformQuiesceAction" = 0x13880
    || |    |   "IOPlatformSleepAction" = 0x24e
    || |    |   "IONameMatch" = ("SIOEndpoint1","SIO1Endpoint1")
    || |    |   "IOProbeScore" = 0x0
    || |    |   "IOMatchedAtBoot" = Yes
    || |    |   "IOMatchCategory" = "IODefaultMatchCategory"
    || |    |   "IOUserClientClass" = "AppleSmartIOUserClient"
    || |    |   "IONameMatched" = "SIOEndpoint1"
    || |    |   "IOPersonalityPublisher" = "com.apple.driver.AppleSmartIO2"
    || |    |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleSmartIO2"
    || |    | }
    || |    |
    || |    +-o sio-dma  <class AppleSmartIODMANub, id 0x1000006bf, registered, matched, active, busy 0 (29 ms),
retain 8>
    || |    | {
    || |    |   "device_type" = <73696f2d646d6100>
    || |    |   "name" = <73696f2d646d6100>
    || |    |   "AAPL,phandle" = <91000000>
    || |    |   "compatible" = <73696f2d646d612d636f6e74726f6c6c657200>
    || |    | }
    || |    |
    || |    +-o IODMAController00000091  <class AppleSmartIODMAController, id 0x1000006cc, registered, matched,
active, busy 0 (22 ms), retain 13>
    || |        {
    || |          "IOProbeScore" = 0x0
    || |          "CFBundleIdentifier" = "com.apple.driver.AppleSmartIO2"
    || |          "IOMatchCategory" = "DMA"
    || |          "IOClass" = "AppleSmartIODMAController"
    || |          "IOPersonalityPublisher" = "com.apple.driver.AppleSmartIO2"
    || |          "IOProviderClass" = "AppleSmartIODMANub"
    || |          "CFBundleIdentifierKernel" = "com.apple.driver.AppleSmartIO2"
    || |          "IOMatchedAtBoot" = Yes
    || |        }
    || |
    || +-o dart-sio@35004000  <class AppleARMIODevice, id 0x1000002b3, registered, matched, active, busy 0 (253 ms),
retain 11>
    || || {
    || ||   "dart-id" = <08000000>
    || ||   "IOInterruptSpecifiers" = (<7b020000>)
    || ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
    || ||   "clock-gates" = <41010000>
    || ||   "AAPL,phandle" = <92000000>
    || ||   "bypass" = <00800000>
    || ||   "instance" = <545241444441525400000000>
    || ||   "IODeviceMemory" = (({"address"=0x235004000,"length"=0x4000}))
    || ||   "IOReportLegendPublic" = Yes
    || ||   "tlb-invalid-refetch" = <>
    || ||   "dart-options" = <05000000>
    || ||   "IOInterruptControllers" = ("IOInterruptController00000067")
    || ||   "name" = <646172742d73696f00>
    || ||   "interrupt-parent" = <67000000>
```

```
|| || "compatible" = <646172742c743830323000>
|| || "page-size" = <00400000>
|| || "interrupts" = <7b020000>
|| || "diag-config" = <00210080>
|| || "bypass-address" = <0000000000000000000000000000000002>
|| || "vm-base" = <00c02100>
|| || "dart-tunables-instance-0" =
<6000000004000000006100080000000000006100080000000068000000040000000f0f0f00000000000f0f0f00000000
006c00000004000000ffffff00000000000808080000000000008001000004000000000fff0f0000000000050000000000
0084010000040000000fff0f000000000005000000000088010000040000000fff0f00000000000012000000000
008c010000040000000fff0f000000000000000000000009001000004000000000fff0f0000000000000000000000
0094010000040000000fff0f0000000000000000000000098010000040000000fff0f0000000000000000000000
009c01000004000000000fff0f$
|| || "error-reflector" = <00c0ff3c02000000>
|| || "device_type" = <6461727400>
|| || "power-gates" = <41010000>
|| || "reg" = <0040003500000000040000000000000>
|| || "sids" = <07800000>
|| ||}
|| ||
|| |+-o AppleT8020DART  <class AppleT8020DART, id 0x1000004df, registered, matched, active, busy 0 (29 ms),
retain 29>
|| | |{
|| | | "IOClass" = "AppleT8020DART"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOFunctionParent00000092" = <>
|| | | "IOPlatformActiveAction" = 0x13880
|| | | "noncompliant-dead-mappings" = No
|| | | "IOPlatformSleepAction" = 0x13880
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = "dart,t8020"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IOUserClientClass" = "IODARTClient"
|| | | "IONameMatched" = "dart,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| | | "iommu-dart-identity" = <92000000>
|| | |}
|| | |
|| | +-o mapper-sio@0  <class IODARTMapperNub, id 0x100000559, registered, matched, active, busy 0 (14 ms),
retain 8>
|| | ||{
|| | || "compatible" = <696f6d6d752d6d617070657200>
|| | || "reg" = <00000000>
|| | || "allow-subpage-mapping" = <>
|| | || "name" = <6d61707065722d73696f00>
|| | || "AAPL,phandle" = <93000000>
|| | || "device_type" = <646172742d6d617070657200>
|| | ||}
|| | ||
|| | +-o IODARTMapper  <class IODARTMapper, id 0x10000055b, registered, matched, active, busy 0 (13 ms), retain
45>
|| | |  {
|| | |    "IOClass" = "IODARTMapper"
|| | |    "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | |    "IOProviderClass" = "IODARTMapperNub"
|| | |    "iommu-dart-translation" = Yes
|| | |    "IOUserClientClass" = "IODARTMapperClient"
|| | |    "IOProbeScore" = 0x0
|| | |    "IONameMatch" = "iommu-mapper"
|| | |    "IOMatchedAtBoot" = Yes
|| | |    "IOMatchCategory" = "IODefaultMatchCategory"
|| | |    "IONameMatched" = "iommu-mapper"
|| | |    "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | |    "IOMapperID" = <93000000>
|| | |    "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | |  }
|| | |
|| | +-o mapper-aes@1  <class IODARTMapperNub, id 0x10000055a, registered, matched, active, busy 0 (5 ms),
retain 8>
|| | ||{
|| | || "compatible" = <696f6d6d752d6d617070657200>
|| | || "reg" = <01000000>
|| | || "allow-subpage-mapping" = <>
|| | || "name" = <6d61707065722d61657300>
|| | || "AAPL,phandle" = <94000000>
|| | || "device_type" = <646172742d6d617070657200>
|| | ||}
|| | ||
|| | +-o IODARTMapper  <class IODARTMapper, id 0x10000056a, registered, matched, active, busy 0 (0 ms), retain
74>
|| | |  {
|| | |    "IOClass" = "IODARTMapper"
|| | |    "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | |    "IOProviderClass" = "IODARTMapperNub"
|| | |    "iommu-dart-translation" = Yes
|| | |    "IOUserClientClass" = "IODARTMapperClient"
|| | |    "IOProbeScore" = 0x0
```

|| | | "IONameMatch" = "iommu-mapper"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IONameMatched" = "iommu-mapper"
|| | | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | | "IOMapperID" = <94000000>
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | | }
|| | |
|| | +-o mapper-admac@2 <class IODARTMapperNub, id 0x100000569, registered, matched, active, busy 0 (6 ms), retain 8>
|| | | {
|| | | "compatible" = <696f6d6d752d6d617070657200>
|| | | "reg" = <02000000>
|| | | "allow-subpage-mapping" = <>
|| | | "name" = <6d61707065722d61646d616300>
|| | | "AAPL,phandle" = <95000000>
|| | | "device_type" = <646172742d6d617070657200>
|| | | }
|| | |
|| | +-o IODARTMapper <class IODARTMapper, id 0x10000056c, registered, matched, active, busy 0 (5 ms), retain 10>
|| | | {
|| | | "IOClass" = "IODARTMapper"
|| | | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | | "IOProviderClass" = "IODARTMapperNub"
|| | | "iommu-dart-translation" = Yes
|| | | "IOUserClientClass" = "IODARTMapperClient"
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = "iommu-mapper"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IONameMatched" = "iommu-mapper"
|| | | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | | "IOMapperID" = <95000000>
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | | }
|| |
|| +-o ans@77400000 <class AppleARMIODevice, id 0x1000002b4, registered, matched, active, busy 0 (817 ms), retain 386>
|| || {
|| || "nvme-interrupt-idx" = <04000000>
|| || "storage-lane-common-tunables" = <0041000004000000000008000000000000000000000000000>
|| || "iop-version" = <01000000>
|| || "clock-gates" = <67000000>
|| || "AAPL,phandle" = <96000000>
|| || "IOInterruptSpecifiers" = (<48020000>,<47020000>,<4a020000>,<49020000>,<4e020000>)
|| || "IODeviceMemory" = (({"address"=0x277400000,"length"=0x6c000}),
({"address"=0x277050000,"length"=0x4000}),({"address"=0x200000000,"length"=0x0}),
({"address"=0x27bcc0000,"length"=0x60000}),({"address"=0x279000000,"length"=0x1000000}),
({"address"=0x27bb90000,"length"=0xc000}),({"address"=0x27bd47c00,"length"=0x4000}))
|| || "IOReportLegendPublic" = Yes
|| || "nvme-linear-sq" = <>
|| || "iommu-parent" = <98000000>
|| || "ccu-security-interrupt-tunables" = <>
|| || "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067")
|| || "nand-debug" = <0100000000000000>
|| || "namespaces" =
<010000000010000000000000002000000080000000030000030000000d00000000800000>
|| || "interrupt-parent" = <67000000>
|| || "name" = <616e7300>
|| || "afc-aiu-ans-dual-tunables" =
<00000000040000000300000000000000000000000000000000380000000400000ffffffff0000000020000500000000
003c00000004000000ffffffff0000000040000a0000000000001400000ff030140000000000010001400000000
0001600000040000ffffff010000000ffffff010000000381700000400000ff01ff01000000000100020000000009817
00000400000ff01ff010000000040002000000000000f81700000400000ff01ff01000000000a00800000000000000190
0000040000000001000000000000001000000000000000>
|| || "compatible" = <696f702c617363777261702d763400>
|| || "msp-bfh-params" =
<01000100efbeadde0200000018000000ffffffff03000c004e6f5f4f76657272696465573040004001000000>
|| || "interrupts" = <4802000047020000 4a020000490200004e020000>
|| || "clock-ids" = <82010000810100080010000>
|| || "command-accelerator-tunables" = <>
|| || "role" = <414e533200>
|| || "tunable-table-bundle" = <64646c62626a6b7100>
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200020000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200020001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200020002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200020003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200020004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "device_type" = <616e7300>
|| || "power-gates" = <67000000>
|| || "reg" =
<0000407700000000000c006000000000000000005770000000000040000000000000000000000000000000000000000
000000000cc7b000000000000600000000000000079000000000000001000000000000b97b0000000000c00000
00000000007cd47b000000000040000000000000>
|| || "tunable-table-bundle-nand-dev" = <6b676e656e6e6a697000>

```
    || ||}
    || ||
    || | +-o AppleASCWrapV4  <class AppleASCWrapV4, id 0x100000346, !registered, !matched, active, busy 0 (639 ms),
retain 5>
    || | |{
    || | |  "IOProbeScore" = 0x0
    || | |  "CFBundleIdentifier" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
    || | |  "IOProviderClass" = "AppleARMIODevice"
    || | |  "IOClass" = "AppleASCWrapV4"
    || | |  "IOPersonalityPublisher" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
    || | |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
    || | |  "IOMatchedAtBoot" = Yes
    || | |  "IONameMatch" = "iop,ascwrap-v4"
    || | |  "IOMatchCategory" = "IODefaultMatchCategory"
    || | |  "IONameMatched" = "iop,ascwrap-v4"
    || | |  "role" = "ANS2"
    || | |}
    || | |
    || | +-o iop-ans-nub  <class AppleA7IOPNub, id 0x1000003a9, registered, matched, active, busy 0 (638 ms), retain
8>
    || | |{
    || | |  "uuid" = <30303030303030302d303030302d303030302d303030302d30303030303030303030303000>
    || | |  "segment-names" = <5f5f544558543b5f5f4441544100>
    || | |  "compatible" = <696f702d6e75622c727462756464792d763200>
    || | |  "KDebugCoreID" = 0xa
    || | |  "AAPL,phandle" = <97000000>
    || | |  "region-base" = <0000e2e609000000>
    || | |  "power-managed" = <01000000>
    || | |  "no-shutdown" = <>
    || | |  "region-size" = <0000001900000000>
    || | |  "continuous-time" = <>
    || | |  "cold-boot-after-hibernate" = <>
    || | |  "running" = <01000000>
    || | |  "no-hibernate-sleep" = <>
    || | |  "segment-ranges" =
<00400300080000000000000000000000400300080000000001a00010000000080abff0900000000001a0000000
0000080abff090000000080360000000000>
    || | |  "crashlog-non-fatal" = <>
    || | |  "name" = <696f702d616e732d6e756200>
    || | |  "pre-loaded" = <01000000>
    || | |}
    || | |
    || | +-o RTBuddy(ANS2)  <class RTBuddy, id 0x1000003c2, registered, matched, active, busy 0 (627 ms), retain 21>
    || | |{
    || | |  "IOClass" = "RTBuddy"
    || | |  "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
    || | |  "IOProviderClass" = "AppleA7IOPNub"
    || | |  "IOPlatformPanicAction" = 0x15ba8
    || | |  "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8002,"MaxPowerState"=0x2}
    || | |  "IOUserClientClass" = "RTBuddyUserClient"
    || | |  "IOProbeScore" = 0x0
    || | |  "IONameMatch" = "iop-nub,rtbuddy-v2"
    || | |  "IOMatchedAtBoot" = Yes
    || | |  "IOMatchCategory" = "IODefaultMatchCategory"
    || | |  "IOReportLegend" =
({"IOReportGroupName"="ANS2","IOReportChannels"=((0x5254537475730000,0x900020002,"status")),"IOReportChanne
lInfo"={"IOReportChannelUnit"=0x100007980000018},"IOReportSubGroupName"="IOP State"},
{"IOReportGroupName"="ANS2","IOReportChannels"=((0x5254537461740000,0x600020002,"power
state")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x100007980000018},"IOReportSubGroupName"="Power
State"})
    || | |  "IOReportLegendPublic" = Yes
    || | |  "IONameMatched" = "iop-nub,rtbuddy-v2"
    || | |  "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
    || | |  "role" = "ANS2"
    || | |  "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
    || | |  "RTBuddyRouteProviderKey" = <97000000>
    || | |}
    || | |
    || | +-o RTBuddyIOReportingEndpoint  <class RTBuddyIOReportingEndpoint, id 0x1000003cd, registered, matched,
active, busy 0 (7 ms), retain 7>
    || | | {
    || | |   "IOReportLegend" =
({"IOReportGroupName"="ANS2","IOReportChannels"=((0x5254494f75636e00,0x180000001,"update count"),
(0x5254494f6c757000,0x180000001,"last
update")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="IO Reporting statistics"},
{"IOReportGroupName"="ANS2","IOReportChannels"=((0x525444757479436c,0x100020001,"Duty
cycle")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="Power"},
{"IOReportGroupName"="ANS2","IOReportChannels"=((0x5254536c70436e74,0x100020001,"Sle$
    || | |   "IOReportLegendPublic" = Yes
    || | | }
    || | |
    || | +-o ANS2Endpoint1  <class RTBuddyEndpointService, id 0x1000003ce, registered, matched, active, busy 0 (8
ms), retain 7>
    || | | {
    || | | }
    || | |
    || | +-o ANS2Endpoint2  <class RTBuddyEndpointService, id 0x1000003cf, registered, matched, active, busy 0 (6
ms), retain 6>
    || | | {
```

```
|| |     | }
|| |     |
|| |     +-o RTBuddyService  <class RTBuddyService, id 0x1000003d5, registered, matched, active, busy 0 (624 ms),
retain 7>
|| |       | {
|| |       |   "IOProbeScore" = 0x3e8
|| |       |   "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
|| |       |   "IOMatchCategory" = "RTBuddyService"
|| |       |   "IOClass" = "RTBuddyService"
|| |       |   "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
|| |       |   "IOProviderClass" = "RTBuddy"
|| |       |   "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
|| |       |   "IOMatchedAtBoot" = Yes
|| |       |   "role" = "ANS2"
|| |       | }
|| |       |
|| |       +-o AppleANS3NVMeController  <class AppleANS3NVMeController, id 0x10000042b, registered, matched,
active, busy 0 (504 ms), retain 21>
|| |         | {
|| |         |   "IOMatchedAtBoot" = Yes
|| |         |   "IOPolledInterface" = "IONVMeControllerPolledAdapter is not serializable"
|| |         |   "IOMinimumSaturationByteCount" = 0x800000
|| |         |   "IOMinimumSegmentAlignmentByteCount" = 0x1000
|| |         |   "IOMaximumByteCountWrite" = 0x100000
|| |         |   "Physical Interconnect" = "Apple Fabric"
|| |         |   "Physical Interconnect Location" = "Internal"
|| |         |   "Vendor Name" = "Apple"
|| |         |   "Serial Number" = "0ba01812e1102a32"
|| |         |   "IOMaximumSegmentByteCountWrite" = 0x1000
|| |         |   "IOMaximumByteCountRead" = 0x100000
|| |         |   "Model Number" = "APPLE SSD AP0256Q"
|| |         |   "IOPropertyMatch" = {"role"="ANS2"}
|| |         |   "AppleNANDStatus" = "Ready"
|| |         |   "IOCommandPoolSize" = 0x40
|| |         |   "Chipset Name" = "SSD Controller"
|| |         |   "IOPersonalityPublisher" = "com.apple.iokit.IONVMeFamily"
|| |         |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"DriverPowerState"=
0x1}
|| |         |   "Firmware Revision" = "532.120."
|| |         |   "NVMe Revision Supported" = "1.10"
|| |         |   "CFBundleIdentifier" = "com.apple.iokit.IONVMeFamily"
|| |         |   "IOMaximumSegmentCountWrite" = 0x100
|| |         |   "IOProviderClass" = "RTBuddyService"
|| |         |   "IOReportLegendPublic" = Yes
|| |         |   "IOMaximumSegmentByteCountRead" = 0x1000
|| |         |   "IOClass" = "AppleANS3NVMeController"
|| |         |   "CFBundleIdentifierKernel" = "com.apple.iokit.IONVMeFamily"
|| |         |   "IOPlatformPanicAction" = 0x0
|| |         |   "IOMaximumSegmentCountRead" = 0x100
|| |         |   "DeviceOpenedByEventSystem" = Yes
|| |         |   "IOReportLegend" = ({"IOReportChannels"=((0x4e564d6520507772,0x200020002,"NVMe Power
States")),"IOReportGroupName"="NVMe","IOReportChannelInfo"={"IOReportChannelUnit"=0x100007980000018}})
|| |         |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |         |   "Controller Characteristics" = {"default-bits-per-cell"=0x3,"firmware-version"="532.120.","controller-
unique-id"="0ba01812e1102a32    ","capacity"=0x3b9aca0000,"pages-per-block-mlc"=0x480,"pages-in-read-
verify"=0x180,"sec-per-full-band-slc"=0x6c00,"pages-per-block0"=0x0,"cell-type"=0x3,"bytes-per-sec-
meta"=0x10,"Preferred IO Size"=0x100000,"program-scheme"=0x0,"bus-to-msp"=(0x0,0x0,0x1,0x1),"num-
dip"=0x12,"nand-marketing-name"="itlc_3d_g4_2p_256        ","package_blocks_at_EOL"=0x4056,"sec-per-full-
band"=0x1440$
|| |         |   "IOProbeScore" = 0x493e0
|| |         | }
|| |         |
|| |         +-o AppleEmbeddedNVMeTemperatureSensor  <class AppleEmbeddedNVMeTemperatureSensor, id
0x100000690, registered, matched, active, busy 0 (208 ms), retain 8>
|| |           | {
|| |           |   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |           |   "VendorID" = 0x0
|| |           |   "CountryCode" = 0x0
|| |           |   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |           |   "Product" = "NAND CH0 temp"
|| |           |   "VersionNumber" = 0x0
|| |           |   "IOGeneralInterest" = "IOCommand is not serializable"
|| |           |   "PrimaryUsage" = 0x5
|| |           |   "LocationID" = 0x544e306e
|| |           |   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |           |   "ProductID" = 0x0
|| |           |   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |           |   "Built-In" = Yes
|| |           |   "ReportInterval" = 0x0
|| |           |   "HIDServiceSupport" = Yes
|| |           |   "PrimaryUsagePage" = 0xff00
|| |           |   "VendorIDSource" = 0x0
```

```
|| |        || "QueueSize" = 0x0
|| |        || }
|| |        ||
|| |        | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000ada, !registered, !
matched, active, busy 0, retain 6>
|| |        |   {
|| |        |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |        |     "IOUserClientDefaultLocking" = Yes
|| |        |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |        |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        |     "IOUserClientEntitlements" = No
|| |        |     "DebugState" = {}
|| |        |   }
|| |        |
|| |        +-o NS_01@1  <class IOEmbeddedNVMeBlockDevice, id 0x100000691, registered, matched, active, busy 0
(305 ms), retain 7>
|| |        ||{
|| |        || "Logical Block Size" = 0x1000
|| |        || "IOMaximumBlockCountWrite" = 0x100
|| |        || "IOMaximumSegmentByteCountRead" = 0x100000
|| |        || "IOReportLegendPublic" = Yes
|| |        || "IOMaximumSegmentByteCountWrite" = 0x100000
|| |        || "NamespaceID" = 0x1
|| |        || "IOMaximumSegmentCountRead" = 0x100
|| |        || "IOMaximumSegmentCountWrite" = 0x100
|| |        || "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| |        || "IOUnit" = 0x1
|| |        || "NamespaceUUID" = 0x0
|| |        || "Encryption" = Yes
|| |        || "Device Characteristics" = {"Serial Number"="0ba01812e1102a32","Medium Type"="Solid State","Product
Name"="APPLE SSD AP0256Q","Vendor Name"="","Product Revision Level"="532.120."}
|| |        || "IOMaximumBlockCountRead" = 0x100
|| |        || "IOCFPlugInTypes" = {"AA0FA6F9-C2D6-457F-B10B-59A13253292F"="NVMeSMARTLib.plugin"}
|| |        || "IOMinimumSegmentAlignmentByteCount" = 0x1000
|| |        || "IOMaximumByteCountRead" = 0x100000
|| |        || "IOMaximumByteCountWrite" = 0x100000
|| |        || "device-type" = "Generic"
|| |        || "EmbeddedDeviceTypeRoot" = Yes
|| |        || "Physical Block Size" = 0x1000
|| |        || "Protocol Characteristics" = {"Physical Interconnect"="Apple Fabric","Physical Interconnect
Location"="Internal"}
|| |        || "IOReportLegend" =
({"IOReportGroupName"="NVMe","IOReportChannels"=((0x5469657230204257,0x180000001,"Tier0 BW Scale Factor"),
(0x5469657231204257,0x180000001,"Tier1 BW Scale Factor"),(0x5469657232204257,0x180000001,"Tier2 BW Scale
Factor"),(0x5469657233204257,0x180000001,"Tier3 BW Scale
Factor")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="BW Limits"},
{"IOReportGroupName"="NVMe","IOReportChannels"=((0x546f742054696d65,0x180000001,"Total time elapsed"),
(0x5469657230202020,0x180000001,"Tie$
|| |        || "ThermalThrottlingSupported" = Yes
|| |        || "NVMe SMART Capable" = Yes
|| |        || }
|| |        ||
|| |        | +-o IOBlockStorageDriver  <class IOBlockStorageDriver, id 0x1000006ce, registered, matched, active, busy
0 (301 ms), retain 8>
|| |        | |{
|| |        | | "IOClass" = "IOBlockStorageDriver"
|| |        | | "CFBundleIdentifier" = "com.apple.iokit.IOStorageFamily"
|| |        | | "IOProviderClass" = "IOBlockStorageDevice"
|| |        | | "IOPropertyMatch" = {"device-type"="Generic"}
|| |        | | "IOPowerManagement" = {"CapabilityFlags"=0x0,"CurrentPowerState"=0x0}
|| |        | | "IOProbeScore" = 0x0
|| |        | | "IOMatchedAtBoot" = Yes
|| |        | | "IOGeneralInterest" = "IOCommand is not serializable"
|| |        | | "IOMatchCategory" = "IODefaultMatchCategory"
|| |        | | "Statistics" = {"Operations (Write)"=0x206aeb,"Latency Time (Write)"=0x0,"Bytes
(Read)"=0x22239bd000,"Errors (Write)"=0x0,"Total Time (Read)"=0x26a5e553e61,"Latency Time (Read)"=0x0,"Retries
(Read)"=0x0,"Errors (Read)"=0x0,"Total Time (Write)"=0x2539832401,"Bytes (Write)"=0xa7637c000,"Operations
(Read)"=0x6c29c3,"Retries (Write)"=0x0}
|| |        | | "IOPersonalityPublisher" = "com.apple.iokit.IOStorageFamily"
|| |        | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOStorageFamily"
|| |        | | }
|| |        | |
|| |        | +-o APPLE SSD AP0256Q Media  <class IOMedia, id 0x1000006cf, registered, matched, active, busy 0
(304 ms), retain 12>
|| |        | |{
|| |        | | "Content" = "GUID_partition_scheme"
|| |        | | "Removable" = No
|| |        | | "Whole" = Yes
|| |        | | "Leaf" = No
|| |        | | "BSD Name" = "disk0"
|| |        | | "Ejectable" = No
|| |        | | "Preferred Block Size" = 0x1000
|| |        | | "IOMediaIcon" =
{"IOBundleResourceFile"="Internal.icns","CFBundleIdentifier"="com.apple.iokit.IOStorageFamily"}
|| |        | | "BSD Minor" = 0x0
|| |        | | "IOGeneralInterest" = "IOCommand is not serializable"
|| |        | | "Writable" = Yes
|| |        | | "BSD Major" = 0x1
|| |        | | "Size" = 0x3a70c70000
|| |        | | "IOBusyInterest" = "IOCommand is not serializable"
```

```
|| |      |   |   "Open" = Yes
|| |      |   |   "Content Hint" = ""
|| |      |   |   "BSD Unit" = 0x0
|| |      |   | }
|| |      |   |
|| |      |   +-o IOMediaBSDClient  <class IOMediaBSDClient, id 0x1000006d5, registered, matched, active, busy 0 (1
ms), retain 6>
|| |      |   | {
|| |      |   |     "IOProbeScore" = 0x7530
|| |      |   |     "CFBundleIdentifier" = "com.apple.iokit.IOStorageFamily"
|| |      |   |     "IOMatchCategory" = "IOMediaBSDClient"
|| |      |   |     "IOClass" = "IOMediaBSDClient"
|| |      |   |     "IOPersonalityPublisher" = "com.apple.iokit.IOStorageFamily"
|| |      |   |     "IOProviderClass" = "IOMedia"
|| |      |   |     "CFBundleIdentifierKernel" = "com.apple.iokit.IOStorageFamily"
|| |      |   |     "IOMatchedAtBoot" = Yes
|| |      |   |     "IOResourceMatch" = "IOBSD"
|| |      |   | }
|| |      |   |
|| |      |   +-o IOGUIDPartitionScheme  <class IOGUIDPartitionScheme, id 0x10000074b, !registered, !matched,
active, busy 0 (234 ms), retain 8>
|| |      |   | {
|| |      |   |     "IOProbeScore" = 0xfa0
|| |      |   |     "CFBundleIdentifier" = "com.apple.iokit.IOStorageFamily"
|| |      |   |     "IOMatchCategory" = "IOStorage"
|| |      |   |     "IOClass" = "IOGUIDPartitionScheme"
|| |      |   |     "IOPersonalityPublisher" = "com.apple.iokit.IOStorageFamily"
|| |      |   |     "IOPropertyMatch" = {"Whole"=Yes}
|| |      |   |     "IOProviderClass" = "IOMedia"
|| |      |   |     "CFBundleIdentifierKernel" = "com.apple.iokit.IOStorageFamily"
|| |      |   |     "Content Mask" = "GUID_partition_scheme"
|| |      |   |     "IOMatchedAtBoot" = Yes
|| |      |   |     "UUID" = "8A7CBF4E-23D0-4445-9611-2873015AA543"
|| |      |   | }
|| |      |   |
|| |      |   +-o iBootSystemContainer@1  <class IOMedia, id 0x10000077e, registered, matched, active, busy 0 (94
ms), retain 12>
|| |      |   | | {
|| |      |   | |   "Open" = Yes
|| |      |   | |   "Preferred Block Size" = 0x1000
|| |      |   | |   "Base" = 0x6000
|| |      |   | |   "Writable" = Yes
|| |      |   | |   "IOBusyInterest" = "IOCommand is not serializable"
|| |      |   | |   "Size" = 0x1f400000
|| |      |   | |   "Content" = "69646961-6700-11AA-AA11-00306543ECAC"
|| |      |   | |   "BSD Minor" = 0x1
|| |      |   | |   "Whole" = No
|| |      |   | |   "Removable" = No
|| |      |   | |   "UUID" = "C528B45C-5CBE-4F3D-B11A-EE17F0A0F750"
|| |      |   | |   "BSD Unit" = 0x0
|| |      |   | |   "BSD Major" = 0x1
|| |      |   | |   "Ejectable" = No
|| |      |   | |   "BSD Name" = "disk0s1"
|| |      |   | |   "Partition ID" = 0x1
|| |      |   | |   "IOGeneralInterest" = "IOCommand is not serializable"
|| |      |   | |   "GPT Attributes" = 0x0
|| |      |   | |   "Content Hint" = "69646961-6700-11AA-AA11-00306543ECAC"
|| |      |   | |   "Leaf" = No
|| |      |   | |   "TierType" = "Main"
|| |      |   | | }
|| |      |   | |
|| |      |   | +-o IOMediaBSDClient  <class IOMediaBSDClient, id 0x100000784, registered, matched, active, busy 0
(7 ms), retain 6>
|| |      |   | | {
|| |      |   | |     "IOProbeScore" = 0x7530
|| |      |   | |     "CFBundleIdentifier" = "com.apple.iokit.IOStorageFamily"
|| |      |   | |     "IOMatchCategory" = "IOMediaBSDClient"
|| |      |   | |     "IOClass" = "IOMediaBSDClient"
|| |      |   | |     "IOPersonalityPublisher" = "com.apple.iokit.IOStorageFamily"
|| |      |   | |     "IOProviderClass" = "IOMedia"
|| |      |   | |     "CFBundleIdentifierKernel" = "com.apple.iokit.IOStorageFamily"
|| |      |   | |     "IOMatchedAtBoot" = Yes
|| |      |   | |     "IOResourceMatch" = "IOBSD"
|| |      |   | | }
|| |      |   | |
|| |      |   | +-o AppleAPFSContainerScheme  <class AppleAPFSContainerScheme, id 0x100000785, !registered, !
matched, active, busy 0 (83 ms), retain 7>
|| |      |   | | {
|| |      |   | |   "IOClass" = "AppleAPFSContainerScheme"
|| |      |   | |   "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| |      |   | |   "IOProviderClass" = "IOMedia"
|| |      |   | |   "IOPropertyMatch" = ({"Content Hint"="69646961-6700-11AA-AA11-00306543ECAC"})
|| |      |   | |   "IOProbeScore" = 0x7d0
|| |      |   | |   "IOMatchedAtBoot" = Yes
|| |      |   | |   "IOGeneralInterest" = "IOCommand is not serializable"
|| |      |   | |   "IOMatchCategory" = "IOStorage"
|| |      |   | |   "Statistics" = {"Operations (Read)"=0xbd6,"Bytes (Write)"=0x880000,"Operations
(Write)"=0x425,"Bytes (Read)"=0xbe9000}
|| |      |   | |   "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| |      |   | |   "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
```

```
|| |        |     |  |  "APFSComposited" = No
|| |        |     |  |}
|| |        |     |  |
|| |        |     |  +-o AppleAPFSMedia  <class AppleAPFSMedia, id 0x10000078f, registered, matched, active, busy 0
(85 ms), retain 11>
|| |        |     |  |{
|| |        |     |  |  "Logical Block Size" = 0x1000
|| |        |     |  |  "Open" = Yes
|| |        |     |  |  "Preferred Block Size" = 0x1000
|| |        |     |  |  "Writable" = Yes
|| |        |     |  |  "IOBusyInterest" = "IOCommand is not serializable"
|| |        |     |  |  "Size" = 0x1f400000
|| |        |     |  |  "Content" = "EF57347C-0000-11AA-AA11-00306543ECAC"
|| |        |     |  |  "BSD Minor" = 0x7
|| |        |     |  |  "Whole" = Yes
|| |        |     |  |  "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| |        |     |  |  "Removable" = No
|| |        |     |  |  "EncryptionBlockSize" = 0x1000
|| |        |     |  |  "UUID" = "517FED57-40D1-49BF-9573-C61D72CF6CAE"
|| |        |     |  |  "BSD Unit" = 0x2
|| |        |     |  |  "BSD Major" = 0x1
|| |        |     |  |  "Ejectable" = No
|| |        |     |  |  "BSD Name" = "disk2"
|| |        |     |  |  "Physical Block Size" = 0x1000
|| |        |     |  |  "IOGeneralInterest" = "IOCommand is not serializable"
|| |        |     |  |  "Content Hint" = "EF57347C-0000-11AA-AA11-00306543ECAC"
|| |        |     |  |  "Leaf" = No
|| |        |     |  |  "OSInternal" = Yes
|| |        |     |  |}
|| |        |     |  +-o AppleAPFSMediaBSDClient  <class AppleAPFSMediaBSDClient, id 0x1000007a9, registered,
matched, active, busy 0 (12 ms), retain 7>
|| |        |     |  |  {
|| |        |     |  |    "IOProbeScore" = 0x7918
|| |        |     |  |    "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| |        |     |  |    "IOMatchCategory" = "IOMediaBSDClient"
|| |        |     |  |    "IOClass" = "AppleAPFSMediaBSDClient"
|| |        |     |  |    "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| |        |     |  |    "IOProviderClass" = "AppleAPFSMedia"
|| |        |     |  |    "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| |        |     |  |    "IOMatchedAtBoot" = Yes
|| |        |     |  |    "IOResourceMatch" = "IOBSD"
|| |        |     |  |  }
|| |        |     |  |
|| |        |     |  +-o AppleAPFSContainer  <class AppleAPFSContainer, id 0x1000007cb, registered, matched, active,
busy 0 (18 ms), retain 11>
|| |        |     |  |{
|| |        |     |  |  "IOClass" = "AppleAPFSContainer"
|| |        |     |  |  "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| |        |     |  |  "IOProviderClass" = "IOMedia"
|| |        |     |  |  "IOPropertyMatch" = ({"Content Hint"="EF57347C-0000-11AA-AA11-00306543ECAC"})
|| |        |     |  |  "Logical Block Size" = 0x1000
|| |        |     |  |  "IOUserClientClass" = "AppleAPFSUserClient"
|| |        |     |  |  "IOProbeScore" = 0x3e8
|| |        |     |  |  "IOMatchedAtBoot" = Yes
|| |        |     |  |  "IOGeneralInterest" = "IOCommand is not serializable"
|| |        |     |  |  "IOMatchCategory" = "IOStorage"
|| |        |     |  |  "Statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x8e000,"Metadata: Number
of write errors"=0x0,"Number of times device's cache flushed"=0x60,"Write burst: Total number of I/Os"=0xc3,"Write
burst: Total time"=0x3efe7e8,"Bytes read from block device"=0x1f4000,"Object cache: Number of writes"=0x30f,"Object
cache: Number of objects processed by partial cache flushes"=0x0,"Read requests sent to block
device"=0x1e1,"Metadata: Number of bytes written"=0x30f000,"Write burst: Total time between$
|| |        |     |  |  "UUID" = "517FED57-40D1-49BF-9573-C61D72CF6CAE"
|| |        |     |  |  "ContainerBlockSize" = 0x1000
|| |        |     |  |  "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| |        |     |  |  "Status" = "Online"
|| |        |     |  |  "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| |        |     |  |  "IOAPFSPreBootDevice" = ("iSCPreboot@1")
|| |        |     |  |}
|| |        |     |  |
|| |        |     |  +-o iSCPreboot@1  <class AppleAPFSVolume, id 0x10000081c, registered, matched, active, busy 0
(17 ms), retain 11>
|| |        |     |  ||{
|| |        |     |  ||  "Logical Block Size" = 0x1000
|| |        |     |  ||  "Open" = Yes
|| |        |     |  ||  "Preferred Block Size" = 0x1000
|| |        |     |  ||  "RoleValue" = 0x10
|| |        |     |  ||  "Writable" = Yes
|| |        |     |  ||  "IncompatibleFeatures" = 0x1
|| |        |     |  ||  "Sealed" = "No"
|| |        |     |  ||  "IOBusyInterest" = "IOCommand is not serializable"
|| |        |     |  ||  "FullName" = "iSCPreboot"
|| |        |     |  ||  "Size" = 0x1f400000
|| |        |     |  ||  "Content" = "41504653-0000-11AA-AA11-00306543ECAC"
|| |        |     |  ||  "BSD Minor" = 0x8
|| |        |     |  ||  "FormattedBy" = "newfs_apfs (1933.61.1)"
|| |        |     |  ||  "Whole" = No
|| |        |     |  ||  "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| |        |     |  ||  "Removable" = No
|| |        |     |  ||  "UUID" = "0AB238F7-79EC-4131-AFB3-04D26190D78E"
```

|| | | | || "CaseSensitive" = No
|| | | | || "Statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x170000,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x114,"Calls to
VNOP_GETATTRLISTBULK"=0x2,"Calls to VNOP_CLOSE"=0x2e4,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x26a,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x26a,"File defrag:
Number of failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x16e,"Calls to VNOP_CREATE"=0x0,"Metadata:
Number of objects failed to write"=0$
|| | | | || "BSD Unit" = 0x2
|| | | | || "Ejectable" = No
|| | | | || "Role" = ("Preboot")
|| | | | || "VolGroupUUID" = "00000000-0000-0000-0000-000000000000"
|| | | | || "BSD Name" = "disk2s1"
|| | | | || "BSD Major" = 0x1
|| | | | || "Physical Block Size" = 0x1000
|| | | | || "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | || "autodiskmount" = No
|| | | | || "Status" = "Online"
|| | | | || "Content Hint" = "41504653-0000-11AA-AA11-00306543ECAC"
|| | | | || "Leaf" = Yes
|| | | | ||}
|| | | | ||
|| | | | +-o AppleAPFSVolumeBSDClient <class AppleAPFSVolumeBSDClient, id 0x100000829, registered,
matched, active, busy 0 (5 ms), retain 7>
|| | | | | {
|| | | | | "IOProbeScore" = 0x7918
|| | | | | "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| | | | | "IOMatchCategory" = "IOMediaBSDClient"
|| | | | | "IOClass" = "AppleAPFSVolumeBSDClient"
|| | | | | "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| | | | | "IOProviderClass" = "AppleAPFSVolume"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOResourceMatch" = "IOBSD"
|| | | | | }
|| | | | |
|| | | | +-o xART@2 <class AppleAPFSVolume, id 0x10000081e, registered, matched, active, busy 0 (12
ms), retain 11>
|| | | | ||{
|| | | | || "Logical Block Size" = 0x1000
|| | | | || "Open" = Yes
|| | | | || "Preferred Block Size" = 0x1000
|| | | | || "RoleValue" = 0x100
|| | | | || "Writable" = Yes
|| | | | || "IncompatibleFeatures" = 0x1
|| | | | || "Sealed" = "No"
|| | | | || "IOBusyInterest" = "IOCommand is not serializable"
|| | | | || "FullName" = "xART"
|| | | | || "Size" = 0x1f400000
|| | | | || "Content" = "41504653-0000-11AA-AA11-00306543ECAC"
|| | | | || "BSD Minor" = 0xa
|| | | | || "FormattedBy" = "newfs_apfs (1933.61.1)"
|| | | | || "Whole" = No
|| | | | || "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| | | | || "Removable" = No
|| | | | || "UUID" = "1D5DCD49-CD9A-4D3C-87C1-4996B39A6F40"
|| | | | || "CaseSensitive" = No
|| | | | || "Statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x5b,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x63,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0,"Calls to $
|| | | | || "BSD Unit" = 0x2
|| | | | || "Ejectable" = No
|| | | | || "Role" = ("xART")
|| | | | || "VolGroupUUID" = "00000000-0000-0000-0000-000000000000"
|| | | | || "BSD Name" = "disk2s2"
|| | | | || "BSD Major" = 0x1
|| | | | || "Physical Block Size" = 0x1000
|| | | | || "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | || "autodiskmount" = No
|| | | | || "Status" = "Online"
|| | | | || "Content Hint" = "41504653-0000-11AA-AA11-00306543ECAC"
|| | | | || "Leaf" = Yes
|| | | | ||}
|| | | | ||
|| | | | +-o AppleAPFSVolumeBSDClient <class AppleAPFSVolumeBSDClient, id 0x100000832, registered,
matched, active, busy 0 (4 ms), retain 7>
|| | | | | {
|| | | | | "IOProbeScore" = 0x7918
|| | | | | "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| | | | | "IOMatchCategory" = "IOMediaBSDClient"
|| | | | | "IOClass" = "AppleAPFSVolumeBSDClient"
|| | | | | "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| | | | | "IOProviderClass" = "AppleAPFSVolume"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOResourceMatch" = "IOBSD"
|| | | | | }
|| | | | |

```
|| |    |    |    +-o Hardware@3  <class AppleAPFSVolume, id 0x100000821, registered, matched, active, busy 0 (7
ms), retain 11>
|| |    |    |    ||{
|| |    |    |    ||  "Logical Block Size" = 0x1000
|| |    |    |    ||  "Open" = Yes
|| |    |    |    ||  "Preferred Block Size" = 0x1000
|| |    |    |    ||  "RoleValue" = 0x140
|| |    |    |    ||  "Writable" = Yes
|| |    |    |    ||  "IncompatibleFeatures" = 0x1
|| |    |    |    ||  "Sealed" = "No"
|| |    |    |    ||  "IOBusyInterest" = "IOCommand is not serializable"
|| |    |    |    ||  "FullName" = "Hardware"
|| |    |    |    ||  "Size" = 0x1f400000
|| |    |    |    ||  "Content" = "41504653-0000-11AA-AA11-00306543ECAC"
|| |    |    |    ||  "BSD Minor" = 0x9
|| |    |    |    ||  "FormattedBy" = "newfs_apfs (1933.61.1)"
|| |    |    |    ||  "Whole" = No
|| |    |    |    ||  "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| |    |    |    ||  "Removable" = No
|| |    |    |    ||  "UUID" = "C38A60F4-B72C-4F60-A990-1965EE44A978"
|| |    |    |    ||  "CaseSensitive" = No
|| |    |    |    ||  "Statistics" = {"Metadata: Number of fsroot bytes written"=0x90000,"Bytes read from block
device"=0x84000,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x284,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x23e,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x1dc,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x115,"File defrag:
Number of failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x13a,"Calls to VNOP_CREATE"=0x0,"Metadata:
Number of objects failed to write$
|| |    |    |    ||  "BSD Unit" = 0x2
|| |    |    |    ||  "Ejectable" = No
|| |    |    |    ||  "Role" = ("Hardware")
|| |    |    |    ||  "VolGroupUUID" = "00000000-0000-0000-0000-000000000000"
|| |    |    |    ||  "BSD Name" = "disk2s3"
|| |    |    |    ||  "BSD Major" = 0x1
|| |    |    |    ||  "Physical Block Size" = 0x1000
|| |    |    |    ||  "IOGeneralInterest" = "IOCommand is not serializable"
|| |    |    |    ||  "autodiskmount" = No
|| |    |    |    ||  "Status" = "Online"
|| |    |    |    ||  "Content Hint" = "41504653-0000-11AA-AA11-00306543ECAC"
|| |    |    |    ||  "Leaf" = Yes
|| |    |    |    ||}
|| |    |    |    ||
|| |    |    |    |+-o AppleAPFSVolumeBSDClient  <class AppleAPFSVolumeBSDClient, id 0x10000082b, registered,
matched, active, busy 0 (0 ms), retain 7>
|| |    |    |    |    {
|| |    |    |    |      "IOProbeScore" = 0x7918
|| |    |    |    |      "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| |    |    |    |      "IOMatchCategory" = "IOMediaBSDClient"
|| |    |    |    |      "IOClass" = "AppleAPFSVolumeBSDClient"
|| |    |    |    |      "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| |    |    |    |      "IOProviderClass" = "AppleAPFSVolume"
|| |    |    |    |      "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| |    |    |    |      "IOMatchedAtBoot" = Yes
|| |    |    |    |      "IOResourceMatch" = "IOBSD"
|| |    |    |    |    }
|| |    |    |    |
|| |    |    |    +-o Recovery@4  <class AppleAPFSVolume, id 0x100000822, registered, matched, active, busy 0
(11 ms), retain 9>
|| |    |    |    |{
|| |    |    |    |  "Logical Block Size" = 0x1000
|| |    |    |    |  "Open" = No
|| |    |    |    |  "Preferred Block Size" = 0x1000
|| |    |    |    |  "RoleValue" = 0x4
|| |    |    |    |  "Writable" = Yes
|| |    |    |    |  "IncompatibleFeatures" = 0x1
|| |    |    |    |  "Sealed" = "No"
|| |    |    |    |  "IOBusyInterest" = "IOCommand is not serializable"
|| |    |    |    |  "FullName" = "Recovery"
|| |    |    |    |  "Size" = 0x1f400000
|| |    |    |    |  "Content" = "41504653-0000-11AA-AA11-00306543ECAC"
|| |    |    |    |  "BSD Minor" = 0xb
|| |    |    |    |  "FormattedBy" = "newfs_apfs (1933.61.1)"
|| |    |    |    |  "Whole" = No
|| |    |    |    |  "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| |    |    |    |  "Removable" = No
|| |    |    |    |  "UUID" = "9F509617-EEBD-474E-90FF-83A5274B763D"
|| |    |    |    |  "CaseSensitive" = No
|| |    |    |    |  "Statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0,"Calls to VN$
|| |    |    |    |  "BSD Unit" = 0x2
|| |    |    |    |  "Ejectable" = No
|| |    |    |    |  "Role" = ("Recovery")
|| |    |    |    |  "VolGroupUUID" = "00000000-0000-0000-0000-000000000000"
|| |    |    |    |  "BSD Name" = "disk2s4"
|| |    |    |    |  "BSD Major" = 0x1
|| |    |    |    |  "Physical Block Size" = 0x1000
|| |    |    |    |  "IOGeneralInterest" = "IOCommand is not serializable"
```

```
|| |      |     |     |  "autodiskmount" = No
|| |      |     |     |  "Status" = "Online"
|| |      |     |     |  "Content Hint" = "41504653-0000-11AA-AA11-00306543ECAC"
|| |      |     |     |  "Leaf" = Yes
|| |      |     |     |}
|| |      |     |     |
|| |      |     |     +-o AppleAPFSVolumeBSDClient  <class AppleAPFSVolumeBSDClient, id 0x100000834,
registered, matched, active, busy 0 (6 ms), retain 6>
|| |      |     |       {
|| |      |     |         "IOProbeScore" = 0x7918
|| |      |     |         "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| |      |     |         "IOMatchCategory" = "IOMediaBSDClient"
|| |      |     |         "IOClass" = "AppleAPFSVolumeBSDClient"
|| |      |     |         "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| |      |     |         "IOProviderClass" = "AppleAPFSVolume"
|| |      |     |         "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| |      |     |         "IOMatchedAtBoot" = Yes
|| |      |     |         "IOResourceMatch" = "IOBSD"
|| |      |     |       }
|| |      |     |
|| |      |     +-o Untitled 2@2  <class IOMedia, id 0x100000782, registered, matched, active, busy 0 (236 ms), retain
12>
|| |      |     ||{
|| |      |     || "Open" = Yes
|| |      |     || "Preferred Block Size" = 0x1000
|| |      |     || "Base" = 0x1f406000
|| |      |     || "Writable" = Yes
|| |      |     || "IOBusyInterest" = "IOCommand is not serializable"
|| |      |     || "Size" = 0x3911870000
|| |      |     || "Content" = "7C3457EF-0000-11AA-AA11-00306543ECAC"
|| |      |     || "BSD Minor" = 0x2
|| |      |     || "Whole" = No
|| |      |     || "Removable" = No
|| |      |     || "UUID" = "A0CCB66E-B545-4B8C-8FA4-837AFB0BD2B7"
|| |      |     || "BSD Unit" = 0x0
|| |      |     || "BSD Major" = 0x1
|| |      |     || "Ejectable" = No
|| |      |     || "BSD Name" = "disk0s2"
|| |      |     || "Partition ID" = 0x2
|| |      |     || "IOGeneralInterest" = "IOCommand is not serializable"
|| |      |     || "GPT Attributes" = 0x0
|| |      |     || "Content Hint" = "7C3457EF-0000-11AA-AA11-00306543ECAC"
|| |      |     || "Leaf" = No
|| |      |     || "TierType" = "Main"
|| |      |     ||}
|| |      |     ||
|| |      |     |+-o IOMediaBSDClient  <class IOMediaBSDClient, id 0x10000078d, registered, matched, active, busy 0
(3 ms), retain 6>
|| |      |     || {
|| |      |     ||   "IOProbeScore" = 0x7530
|| |      |     ||   "CFBundleIdentifier" = "com.apple.iokit.IOStorageFamily"
|| |      |     ||   "IOMatchCategory" = "IOMediaBSDClient"
|| |      |     ||   "IOClass" = "IOMediaBSDClient"
|| |      |     ||   "IOPersonalityPublisher" = "com.apple.iokit.IOStorageFamily"
|| |      |     ||   "IOProviderClass" = "IOMedia"
|| |      |     ||   "CFBundleIdentifierKernel" = "com.apple.iokit.IOStorageFamily"
|| |      |     ||   "IOMatchedAtBoot" = Yes
|| |      |     ||   "IOResourceMatch" = "IOBSD"
|| |      |     || }
|| |      |     ||
|| |      |     |+-o AppleAPFSContainerScheme  <class AppleAPFSContainerScheme, id 0x10000078e, !registered, !
matched, active, busy 0 (227 ms), retain 7>
|| |      |     | |{
|| |      |     | |  "IOClass" = "AppleAPFSContainerScheme"
|| |      |     | |  "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| |      |     | |  "IOProviderClass" = "IOMedia"
|| |      |     | |  "IOPropertyMatch" = ({"Content Hint"="7C3457EF-0000-11AA-AA11-00306543ECAC"})
|| |      |     | |  "IOProbeScore" = 0x7d0
|| |      |     | |  "IOMatchedAtBoot" = Yes
|| |      |     | |  "IOGeneralInterest" = "IOCommand is not serializable"
|| |      |     | |  "IOMatchCategory" = "IOStorage"
|| |      |     | |  "Statistics" = {"Operations (Read)"=0x6c1d3d,"Bytes (Write)"=0xa75afc000,"Operations
(Write)"=0x2066c6,"Bytes (Read)"=0x2222bb6000}
|| |      |     | |  "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| |      |     | |  "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| |      |     | |  "APFSComposited" = No
|| |      |     | |}
|| |      |     | |
|| |      |     | +-o AppleAPFSMedia  <class AppleAPFSMedia, id 0x100000791, registered, matched, active, busy 0
(227 ms), retain 11>
|| |      |     | |{
|| |      |     | |  "Logical Block Size" = 0x1000
|| |      |     | |  "Open" = Yes
|| |      |     | |  "Preferred Block Size" = 0x1000
|| |      |     | |  "Writable" = Yes
|| |      |     | |  "IOBusyInterest" = "IOCommand is not serializable"
|| |      |     | |  "Size" = 0x3911870000
|| |      |     | |  "Content" = "EF57347C-0000-11AA-AA11-00306543ECAC"
|| |      |     | |  "BSD Minor" = 0xc
|| |      |     | |  "Whole" = Yes
```

```
|| |      |     |   |   "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| |      |     |   |   "Removable" = No
|| |      |     |   |   "EncryptionBlockSize" = 0x1000
|| |      |     |   |   "UUID" = "154C151B-4702-41A2-B40A-2BC091B874A4"
|| |      |     |   |   "BSD Unit" = 0x3
|| |      |     |   |   "BSD Major" = 0x1
|| |      |     |   |   "Ejectable" = No
|| |      |     |   |   "BSD Name" = "disk3"
|| |      |     |   |   "Physical Block Size" = 0x1000
|| |      |     |   |   "IOGeneralInterest" = "IOCommand is not serializable"
|| |      |     |   |   "Content Hint" = "EF57347C-0000-11AA-AA11-00306543ECAC"
|| |      |     |   |   "Leaf" = No
|| |      |     |   | }
|| |      |     |   |
|| |      |     |   +-o AppleAPFSMediaBSDClient  <class AppleAPFSMediaBSDClient, id 0x1000007ad, registered,
matched, active, busy 0 (0 ms), retain 7>
|| |      |     |   | {
|| |      |     |   |   "IOProbeScore" = 0x7918
|| |      |     |   |   "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| |      |     |   |   "IOMatchCategory" = "IOMediaBSDClient"
|| |      |     |   |   "IOClass" = "AppleAPFSMediaBSDClient"
|| |      |     |   |   "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| |      |     |   |   "IOProviderClass" = "AppleAPFSMedia"
|| |      |     |   |   "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| |      |     |   |   "IOMatchedAtBoot" = Yes
|| |      |     |   |   "IOResourceMatch" = "IOBSD"
|| |      |     |   | }
|| |      |     |   |
|| |      |     |   +-o AppleAPFSContainer  <class AppleAPFSContainer, id 0x1000007c5, registered, matched, active,
busy 0 (125 ms), retain 13>
|| |      |     |   | {
|| |      |     |   |   "IOClass" = "AppleAPFSContainer"
|| |      |     |   |   "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| |      |     |   |   "IOProviderClass" = "IOMedia"
|| |      |     |   |   "IOPropertyMatch" = ({"Content Hint"="EF57347C-0000-11AA-AA11-00306543ECAC"})
|| |      |     |   |   "Logical Block Size" = 0x1000
|| |      |     |   |   "IOUserClientClass" = "AppleAPFSUserClient"
|| |      |     |   |   "IOProbeScore" = 0x3e8
|| |      |     |   |   "IOMatchedAtBoot" = Yes
|| |      |     |   |   "IOGeneralInterest" = "IOCommand is not serializable"
|| |      |     |   |   "IOMatchCategory" = "IOStorage"
|| |      |     |   |   "Statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x6c83000,"Metadata:
Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/
Os"=0x4f209e,"Write burst: Total time"=0x227e0c703fd,"Bytes read from block device"=0x169a44a000,"Object cache:
Number of writes"=0x14efbf,"Object cache: Number of objects processed by partial cache flushes"=0x0,"Read requests
sent to block device"=0x332643,"Metadata: Number of bytes written"=0x14efbf000,"Write bur$
|| |      |     |   |   "UUID" = "154C151B-4702-41A2-B40A-2BC091B874A4"
|| |      |     |   |   "ContainerBlockSize" = 0x1000
|| |      |     |   |   "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| |      |     |   |   "Status" = "Online"
|| |      |     |   |   "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| |      |     |   |   "IOAPFSPreBootDevice" = ("Preboot@4")
|| |      |     |   | }
|| |      |     |   |
|| |      |     |   +-o Macintosh HD - Data@1  <class AppleAPFSVolume, id 0x100000846, registered, matched,
active, busy 0 (2 ms), retain 30>
|| |      |     |   | | {
|| |      |     |   | |   "FormattedBy" = "newfs_apfs (2317.81.2)"
|| |      |     |   | |   "RoleValue" = 0x40
|| |      |     |   | |   "IncompatibleFeatures" = 0x41
|| |      |     |   | |   "Locked" = No
|| |      |     |   | |   "Writable" = Yes
|| |      |     |   | |   "BSD Unit" = 0x3
|| |      |     |   | |   "EncryptionType" = "ScalablePFK"
|| |      |     |   | |   "BSD Name" = "disk3s1"
|| |      |     |   | |   "Size" = 0x3911870000
|| |      |     |   | |   "Whole" = No
|| |      |     |   | |   "Open" = Yes
|| |      |     |   | |   "Content Hint" = "41504653-0000-11AA-AA11-00306543ECAC"
|| |      |     |   | |   "IOBusyInterest" = "IOCommand is not serializable"
|| |      |     |   | |   "Physical Block Size" = 0x1000
|| |      |     |   | |   "Status" = "Online"
|| |      |     |   | |   "Statistics" = {"Metadata: Number of fsroot bytes written"=0x58146000,"Bytes read from block
device"=0x1000bb3000,"Calls to VNOP_ALLOCATE"=0x2e8,"Calls to VNOP_LOOKUP"=0x8d2120,"Calls to
VNOP_GETATTRLISTBULK"=0xa89c6,"Calls to VNOP_CLOSE"=0x50ea42,"Calls to VNOP_MNOMAP"=0x249b3,"Calls to
VNOP_INACTIVE"=0x3007ad,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0xa11d39,"File
defrag: Number of failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x32406c,"Calls to
VNOP_CREATE"=0x18924,"Metada$
|| |      |     |   | |   "UUID" = "B8F667B9-63F0-49EB-9247-4153A74E69B8"
|| |      |     |   | |   "Encrypted" = Yes
|| |      |     |   | |   "Content" = "41504653-0000-11AA-AA11-00306543ECAC"
|| |      |     |   | |   "CaseSensitive" = No
|| |      |     |   | |   "Ejectable" = No
|| |      |     |   | |   "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| |      |     |   | |   "VolGroupMntFromName" = "/dev/disk3s1"
|| |      |     |   | |   "Sealed" = "No"
|| |      |     |   | |   "BSD Major" = 0x1
|| |      |     |   | |   "Preferred Block Size" = 0x1000
|| |      |     |   | |   "Leaf" = Yes
|| |      |     |   | |   "VolGroupUUID" = "B8F667B9-63F0-49EB-9247-4153A74E69B8"
```

```
|| |      |    |     || "FullName" = "Macintosh HD - Data"
|| |      |    |     || "Logical Block Size" = 0x1000
|| |      |    |     || "IOGeneralInterest" = "IOCommand is not serializable"
|| |      |    |     || "Removable" = No
|| |      |    |     || "Role" = ("Data")
|| |      |    |     || "BSD Minor" = 0xe
|| |      |    |     ||}
|| |      |    |     ||
|| |      |    |     |+-o AppleAPFSVolumeBSDClient  <class AppleAPFSVolumeBSDClient, id 0x10000084e, registered,
matched, active, busy 0 (0 ms), retain 7>
|| |      |    |     || {
|| |      |    |     ||   "IOProbeScore" = 0x7918
|| |      |    |     ||   "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| |      |    |     ||   "IOMatchCategory" = "IOMediaBSDClient"
|| |      |    |     ||   "IOClass" = "AppleAPFSVolumeBSDClient"
|| |      |    |     ||   "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| |      |    |     ||   "IOProviderClass" = "AppleAPFSVolume"
|| |      |    |     ||   "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| |      |    |     ||   "IOMatchedAtBoot" = Yes
|| |      |    |     ||   "IOResourceMatch" = "IOBSD"
|| |      |    |     || }
|| |      |    |     ||
|| |      |    |     |+-o RevivalB13M200731.UC_FM_VISUAL_IMAGE_DIFFUSION_V1_BASE_GENERIC_H13G_Cryptex
<class AppleAPFSGraft, id 0x100000c4d, !registered, !matched, active, busy 0, retain 5>
|| |      |    |     || {
|| |      |    |     ||   "FullName" =
"RevivalB13M200731.UC_FM_VISUAL_IMAGE_DIFFUSION_V1_BASE_GENERIC_H13G_Cryptex"
|| |      |    |     ||   "Sealed" = "Yes"
|| |      |    |     ||   "Graft directory inode" = 0x1bed0d
|| |      |    |     ||   "inode range base" = 0x1bed0f
|| |      |    |     ||   "System content" = No
|| |      |    |     ||   "Volume statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0,"Ca$
|| |      |    |     ||   "inode range length" = 0x8b
|| |      |    |     ||   "Container statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata:
Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/
Os"=0x0,"Write burst: Total time"=0x0,"Bytes read from block device"=0x0,"Object cache: Number of writes"=0x0,"Object
cache: Number of objects processed by partial cache flushes"=0x0,"Read requests sent to block device"=0x0,"Metadata:
Number of bytes written"=0x0,"Write burst: Total time between bursts"=0x0$
|| |      |    |     ||   "Cryptex inode" = 0x19acf9
|| |      |    |     || }
|| |      |    |     ||
|| |      |    |     |+-o
RevivalB13M201386.UC_FM_LANGUAGE_INSTRUCT_300M_BASE_GENERIC_GENERIC_H13G_Cryptex <class
AppleAPFSGraft, id 0x100000c4f, !registered, !matched, active, busy 0, retain 5>
|| |      |    |     || {
|| |      |    |     ||   "FullName" =
"RevivalB13M201386.UC_FM_LANGUAGE_INSTRUCT_300M_BASE_GENERIC_GENERIC_H13G_Cryptex"
|| |      |    |     ||   "Sealed" = "Yes"
|| |      |    |     ||   "Graft directory inode" = 0x1bd82b
|| |      |    |     ||   "inode range base" = 0x1bd82c
|| |      |    |     ||   "System content" = No
|| |      |    |     ||   "Volume statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0,"Ca$
|| |      |    |     ||   "inode range length" = 0xb2
|| |      |    |     ||   "Container statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata:
Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/
Os"=0x0,"Write burst: Total time"=0x0,"Bytes read from block device"=0x0,"Object cache: Number of writes"=0x0,"Object
cache: Number of objects processed by partial cache flushes"=0x0,"Read requests sent to block device"=0x0,"Metadata:
Number of bytes written"=0x0,"Write burst: Total time between bursts"=0x0$
|| |      |    |     ||   "Cryptex inode" = 0x195372
|| |      |    |     || }
|| |      |    |     ||
|| |      |    |     |+-o
RevivalB13M201358.UC_FM_LANGUAGE_INSTRUCT_3B_MAIL_REPLY_DRAFT_GENERIC_GENERIC_H13G_Cryptex <class
AppleAPFSGraft, id 0x100000c50, !registered, !matched, active, busy 0, retain 5>
|| |      |    |     || {
|| |      |    |     ||   "FullName" =
"RevivalB13M201358.UC_FM_LANGUAGE_INSTRUCT_3B_MAIL_REPLY_DRAFT_GENERIC_GENERIC_H13G_Cryptex"
|| |      |    |     ||   "Sealed" = "Yes"
|| |      |    |     ||   "Graft directory inode" = 0x1bddd1
|| |      |    |     ||   "inode range base" = 0x1bddd2
|| |      |    |     ||   "System content" = No
|| |      |    |     ||   "Volume statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0,"Ca$
|| |      |    |     ||   "inode range length" = 0x88
|| |      |    |     ||   "Container statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata:
Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/
```

Os"=0x0,"Write burst: Total time"=0x0,"Bytes read from block device"=0x0,"Object cache: Number of writes"=0x0,"Object cache: Number of objects processed by partial cache flushes"=0x0,"Read requests sent to block device"=0x0,"Metadata: Number of bytes written"=0x0,"Write burst: Total time between bursts"=0x0$
|| | | | || "Cryptex inode" = 0x1af735
|| | | | || }
|| | | | ||
|| | | | |+-o
RevivalB13M201570.UC_FM_LANGUAGE_INSTRUCT_3B_TEXT_EVENT_EXTRACTION_DRAFT_GENERIC_GENERIC_H13G_C ryptex <class AppleAPFSGraft, id 0x100000c52, !registered, !matched, active, busy 0, retain 5>
|| | | | || {
|| | | | || "FullName" =
"RevivalB13M201570.UC_FM_LANGUAGE_INSTRUCT_3B_TEXT_EVENT_EXTRACTION_DRAFT_GENERIC_GENERIC_H13G_ Cryptex"
|| | | | || "Sealed" = "Yes"
|| | | | || "Graft directory inode" = 0x41d995
|| | | | || "inode range base" = 0x41d996
|| | | | || "System content" = No
|| | | | || "Volume statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of objects failed to write"=0x0,"Ca$
|| | | | || "inode range length" = 0x88
|| | | | || "Container statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata: Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/ Os"=0x0,"Write burst: Total time"=0x0,"Bytes read from block device"=0x0,"Object cache: Number of writes"=0x0,"Object cache: Number of objects processed by partial cache flushes"=0x0,"Read requests sent to block device"=0x0,"Metadata: Number of bytes written"=0x0,"Write burst: Total time between bursts"=0x0$
|| | | | || "Cryptex inode" = 0x41d2c7
|| | | | || }
|| | | | ||
|| | | | |+-o
RevivalB13M201388.UC_FM_LANGUAGE_INSTRUCT_3B_CONCISE_TONE_DRAFT_GENERIC_GENERIC_H13G_Cryptex <class AppleAPFSGraft, id 0x100000c53, !registered, !matched, active, busy 0, retain 5>
|| | | | || {
|| | | | || "FullName" =
"RevivalB13M201388.UC_FM_LANGUAGE_INSTRUCT_3B_CONCISE_TONE_DRAFT_GENERIC_GENERIC_H13G_Cryptex"
|| | | | || "Sealed" = "Yes"
|| | | | || "Graft directory inode" = 0x1bd9f8
|| | | | || "inode range base" = 0x1bd9f9
|| | | | || "System content" = No
|| | | | || "Volume statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of objects failed to write"=0x0,"Ca$
|| | | | || "inode range length" = 0x88
|| | | | || "Container statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata: Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/ Os"=0x0,"Write burst: Total time"=0x0,"Bytes read from block device"=0x0,"Object cache: Number of writes"=0x0,"Object cache: Number of objects processed by partial cache flushes"=0x0,"Read requests sent to block device"=0x0,"Metadata: Number of bytes written"=0x0,"Write burst: Total time between bursts"=0x0$
|| | | | || "Cryptex inode" = 0x1a414d
|| | | | || }
|| | | | ||
|| | | | |+-o
RevivalB13M201499.UC_FM_LANGUAGE_INSTRUCT_3B_URGENCY_CLASSIFICATION_DRAFT_GENERIC_GENERIC_H13G_ Cryptex <class AppleAPFSGraft, id 0x100000c54, !registered, !matched, active, busy 0, retain 5>
|| | | | || {
|| | | | || "FullName" =
"RevivalB13M201499.UC_FM_LANGUAGE_INSTRUCT_3B_URGENCY_CLASSIFICATION_DRAFT_GENERIC_GENERIC_H13G_ Cryptex"
|| | | | || "Sealed" = "Yes"
|| | | | || "Graft directory inode" = 0x1be02a
|| | | | || "inode range base" = 0x1be02b
|| | | | || "System content" = No
|| | | | || "Volume statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of objects failed to write"=0x0,"Ca$
|| | | | || "inode range length" = 0x88
|| | | | || "Container statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata: Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/ Os"=0x0,"Write burst: Total time"=0x0,"Bytes read from block device"=0x0,"Object cache: Number of writes"=0x0,"Object cache: Number of objects processed by partial cache flushes"=0x0,"Read requests sent to block device"=0x0,"Metadata: Number of bytes written"=0x0,"Write burst: Total time between bursts"=0x0$
|| | | | || "Cryptex inode" = 0x1bc458
|| | | | || }
|| | | | ||
|| | | | |+-o
RevivalB13M201386.UC_FM_LANGUAGE_INSTRUCT_3B_BASE_GENERIC_GENERIC_H13G_Cryptex <class AppleAPFSGraft, id 0x100000c55, !registered, !matched, active, busy 0, retain 5>
|| | | | || {
|| | | | || "FullName" =
"RevivalB13M201386.UC_FM_LANGUAGE_INSTRUCT_3B_BASE_GENERIC_GENERIC_H13G_Cryptex"
|| | | | || "Sealed" = "Yes"

```
|| |     |     |    ||    "Graft directory inode" = 0x1bde5d
|| |     |     |    ||    "inode range base" = 0x1bde5e
|| |     |     |    ||    "System content" = No
|| |     |     |    ||    "Volume statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0,"Ca$
|| |     |     |    ||    "inode range length" = 0xb3
|| |     |     |    ||    "Container statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata:
Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/
Os"=0x0,"Write burst: Total time"=0x0,"Bytes read from block device"=0x0,"Object cache: Number of writes"=0x0,"Object
cache: Number of objects processed by partial cache flushes"=0x0,"Read requests sent to block device"=0x0,"Metadata:
Number of bytes written"=0x0,"Write burst: Total time between bursts"=0x0$
|| |     |     |    ||    "Cryptex inode" = 0x1b16e6
|| |     |     |    || }
|| |     |     |    ||
|| |     |     |    +-o
RevivalB13M201398.UC_FM_LANGUAGE_INSTRUCT_3B_TEXT_PERSON_EXTRACTION_MULTILINGUAL_DRAFT_GENERIC_
GENERIC_H13G_Cryptex  <class AppleAPFSGraft, id 0x100000c56, !registered, !matched, active, busy 0, retain 5>
|| |     |     |    || {
|| |     |     |    ||    "FullName" =
"RevivalB13M201398.UC_FM_LANGUAGE_INSTRUCT_3B_TEXT_PERSON_EXTRACTION_MULTILINGUAL_DRAFT_GENERIC
_GENERIC_H13G_Cryptex"
|| |     |     |    ||    "Sealed" = "Yes"
|| |     |     |    ||    "Graft directory inode" = 0x1bdd46
|| |     |     |    ||    "inode range base" = 0x1bdd47
|| |     |     |    ||    "System content" = No
|| |     |     |    ||    "Volume statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0,"Ca$
|| |     |     |    ||    "inode range length" = 0x88
|| |     |     |    ||    "Container statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata:
Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/
Os"=0x0,"Write burst: Total time"=0x0,"Bytes read from block device"=0x0,"Object cache: Number of writes"=0x0,"Object
cache: Number of objects processed by partial cache flushes"=0x0,"Read requests sent to block device"=0x0,"Metadata:
Number of bytes written"=0x0,"Write burst: Total time between bursts"=0x0$
|| |     |     |    ||    "Cryptex inode" = 0x1adb0a
|| |     |     |    || }
|| |     |     |    ||
|| |     |     |    +-o
RevivalB13M201398.UC_FM_LANGUAGE_INSTRUCT_3B_TEXT_EVENT_EXTRACTION_MULTILINGUAL_DRAFT_GENERIC_G
ENERIC_H13G_Cryptex  <class AppleAPFSGraft, id 0x100000c57, !registered, !matched, active, busy 0, retain 5>
|| |     |     |    || {
|| |     |     |    ||    "FullName" =
"RevivalB13M201398.UC_FM_LANGUAGE_INSTRUCT_3B_TEXT_EVENT_EXTRACTION_MULTILINGUAL_DRAFT_GENERIC_
GENERIC_H13G_Cryptex"
|| |     |     |    ||    "Sealed" = "Yes"
|| |     |     |    ||    "Graft directory inode" = 0x1bdf13
|| |     |     |    ||    "inode range base" = 0x1bdf14
|| |     |     |    ||    "System content" = No
|| |     |     |    ||    "Volume statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0,"Ca$
|| |     |     |    ||    "inode range length" = 0x88
|| |     |     |    ||    "Container statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata:
Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/
Os"=0x0,"Write burst: Total time"=0x0,"Bytes read from block device"=0x0,"Object cache: Number of writes"=0x0,"Object
cache: Number of objects processed by partial cache flushes"=0x0,"Read requests sent to block device"=0x0,"Metadata:
Number of bytes written"=0x0,"Write burst: Total time between bursts"=0x0$
|| |     |     |    ||    "Cryptex inode" = 0x1bae2a
|| |     |     |    || }
|| |     |     |    ||
|| |     |     |    +-o
RevivalB13M201388.UC_FM_LANGUAGE_INSTRUCT_3B_MAGIC_REWRITE_DRAFT_GENERIC_GENERIC_H13G_Cryptex
<class AppleAPFSGraft, id 0x100000c59, !registered, !matched, active, busy 0, retain 5>
|| |     |     |    || {
|| |     |     |    ||    "FullName" =
"RevivalB13M201388.UC_FM_LANGUAGE_INSTRUCT_3B_MAGIC_REWRITE_DRAFT_GENERIC_GENERIC_H13G_Cryptex"
|| |     |     |    ||    "Sealed" = "Yes"
|| |     |     |    ||    "Graft directory inode" = 0x1bd96d
|| |     |     |    ||    "inode range base" = 0x1bd96e
|| |     |     |    ||    "System content" = No
|| |     |     |    ||    "Volume statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0,"Ca$
|| |     |     |    ||    "inode range length" = 0x88
|| |     |     |    ||    "Container statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata:
Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/
Os"=0x0,"Write burst: Total time"=0x0,"Bytes read from block device"=0x0,"Object cache: Number of writes"=0x0,"Object
```

cache: Number of objects processed by partial cache flushes"=0x0,"Read requests sent to block device"=0x0,"Metadata: Number of bytes written"=0x0,"Write burst: Total time between bursts"=0x0$
    || | | | || "Cryptex inode" = 0x19bcbe
    || | | | || }
    || | | | ||
    || | | | | +-o
RevivalB13M201440.UC_FM_LANGUAGE_INSTRUCT_3B_FRIENDLY_TONE_DRAFT_GENERIC_GENERIC_H13G_Cryptex
<class AppleAPFSGraft, id 0x100000c79, !registered, !matched, active, busy 0, retain 5>
    || | | | || {
    || | | | || "FullName" =
"RevivalB13M201440.UC_FM_LANGUAGE_INSTRUCT_3B_FRIENDLY_TONE_DRAFT_GENERIC_GENERIC_H13G_Cryptex"
    || | | | || "Sealed" = "Yes"
    || | | | || "Graft directory inode" = 0x1bdc26
    || | | | || "inode range base" = 0x1bdc27
    || | | | || "System content" = No
    || | | | || "Volume statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0,"Ca$
    || | | | || "inode range length" = 0x88
    || | | | || "Container statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata:
Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/
Os"=0x0,"Write burst: Total time"=0x0,"Bytes read from block device"=0x0,"Object cache: Number of writes"=0x0,"Object
cache: Number of objects processed by partial cache flushes"=0x0,"Read requests sent to block device"=0x0,"Metadata:
Number of bytes written"=0x0,"Write burst: Total time between bursts"=0x0$
    || | | | || "Cryptex inode" = 0x1a7e42
    || | | | || }
    || | | | ||
    || | | | | +-o
RevivalB13M201393.UC_FM_LANGUAGE_INSTRUCT_3B_TEXT_PERSON_EXTRACTION_DRAFT_GENERIC_GENERIC_H13G
_Cryptex <class AppleAPFSGraft, id 0x100000c9a, !registered, !matched, active, busy 0, retain 5>
    || | | | || {
    || | | | || "FullName" =
"RevivalB13M201393.UC_FM_LANGUAGE_INSTRUCT_3B_TEXT_PERSON_EXTRACTION_DRAFT_GENERIC_GENERIC_H13
G_Cryptex"
    || | | | || "Sealed" = "Yes"
    || | | | || "Graft directory inode" = 0x1bd79f
    || | | | || "inode range base" = 0x1bd7a0
    || | | | || "System content" = No
    || | | | || "Volume statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0,"Ca$
    || | | | || "inode range length" = 0x88
    || | | | || "Container statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata:
Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/
Os"=0x0,"Write burst: Total time"=0x0,"Bytes read from block device"=0x0,"Object cache: Number of writes"=0x0,"Object
cache: Number of objects processed by partial cache flushes"=0x0,"Read requests sent to block device"=0x0,"Metadata:
Number of bytes written"=0x0,"Write burst: Total time between bursts"=0x0$
    || | | | || "Cryptex inode" = 0x194f57
    || | | | || }
    || | | | ||
    || | | | | +-o Creedence11M6270.SECUREPKITRUSTSTOREASSETS_SECUREPKITRUSTSTORE_Cryptex
<class AppleAPFSGraft, id 0x100000c9c, !registered, !matched, active, busy 0, retain 5>
    || | | | || {
    || | | | || "FullName" =
"Creedence11M6270.SECUREPKITRUSTSTOREASSETS_SECUREPKITRUSTSTORE_Cryptex"
    || | | | || "Sealed" = "Yes"
    || | | | || "Graft directory inode" = 0x19373f
    || | | | || "inode range base" = 0x193740
    || | | | || "System content" = No
    || | | | || "Volume statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x1e000,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0$
    || | | | || "inode range length" = 0x22
    || | | | || "Container statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata:
Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/
Os"=0x0,"Write burst: Total time"=0x0,"Bytes read from block device"=0x1e000,"Object cache: Number of
writes"=0x0,"Object cache: Number of objects processed by partial cache flushes"=0x0,"Read requests sent to block
device"=0x1e,"Metadata: Number of bytes written"=0x0,"Write burst: Total time between bursts$
    || | | | || "Cryptex inode" = 0x1936e2
    || | | | || }
    || | | | ||
    || | | | | +-o
RevivalB13M201394.UC_FM_LANGUAGE_INSTRUCT_3B_PROFESSIONAL_TONE_DRAFT_GENERIC_GENERIC_H13G_Crypt
ex <class AppleAPFSGraft, id 0x100000cb0, !registered, !matched, active, busy 0, retain 5>
    || | | | || {
    || | | | || "FullName" =
"RevivalB13M201394.UC_FM_LANGUAGE_INSTRUCT_3B_PROFESSIONAL_TONE_DRAFT_GENERIC_GENERIC_H13G_Cryp
tex"
    || | | | || "Sealed" = "Yes"
    || | | | || "Graft directory inode" = 0x1bd8e0
    || | | | || "inode range base" = 0x1bd8e2

```
|| |     |    |    ||    "System content" = No
|| |     |    |    ||    "Volume statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0,"Ca$
|| |     |    |    ||    "inode range length" = 0x88
|| |     |    |    ||    "Container statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata:
Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/
Os"=0x0,"Write burst: Total time"=0x0,"Bytes read from block device"=0x0,"Object cache: Number of writes"=0x0,"Object
cache: Number of objects processed by partial cache flushes"=0x0,"Read requests sent to block device"=0x0,"Metadata:
Number of bytes written"=0x0,"Write burst: Total time between bursts"=0x0$
|| |     |    |    ||    "Cryptex inode" = 0x19aded
|| |     |    |    ||  }
|| |     |    |    ||
|| |     |    |    |+-o
RevivalB13M201428.UC_FM_LANGUAGE_INSTRUCT_3B_MESSAGES_REPLY_DRAFT_GENERIC_GENERIC_H13G_Cryptex
<class AppleAPFSGraft, id 0x100000cba, !registered, !matched, active, busy 0, retain 5>
|| |     |    |    ||  {
|| |     |    |    ||    "FullName" =
"RevivalB13M201428.UC_FM_LANGUAGE_INSTRUCT_3B_MESSAGES_REPLY_DRAFT_GENERIC_GENERIC_H13G_Cryptex"
|| |     |    |    ||    "Sealed" = "Yes"
|| |     |    |    ||    "Graft directory inode" = 0x1bdb9a
|| |     |    |    ||    "inode range base" = 0x1bdb9b
|| |     |    |    ||    "System content" = No
|| |     |    |    ||    "Volume statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0,"Ca$
|| |     |    |    ||    "inode range length" = 0x88
|| |     |    |    ||    "Container statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata:
Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/
Os"=0x0,"Write burst: Total time"=0x0,"Bytes read from block device"=0x0,"Object cache: Number of writes"=0x0,"Object
cache: Number of objects processed by partial cache flushes"=0x0,"Read requests sent to block device"=0x0,"Metadata:
Number of bytes written"=0x0,"Write burst: Total time between bursts"=0x0$
|| |     |    |    ||    "Cryptex inode" = 0x1a6d9c
|| |     |    |    ||  }
|| |     |    |    ||
|| |     |    |    |+-o RevivalB13M201626.UC_IF_PLANNER_NLROUTER_BASE_EN_GENERIC_H13G_Cryptex  <class
AppleAPFSGraft, id 0x100000cbb, !registered, !matched, active, busy 0, retain 5>
|| |     |    |    ||  {
|| |     |    |    ||    "FullName" =
"RevivalB13M201626.UC_IF_PLANNER_NLROUTER_BASE_EN_GENERIC_H13G_Cryptex"
|| |     |    |    ||    "Sealed" = "Yes"
|| |     |    |    ||    "Graft directory inode" = 0x41c38b
|| |     |    |    ||    "inode range base" = 0x41c38c
|| |     |    |    ||    "System content" = No
|| |     |    |    ||    "Volume statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0,"Ca$
|| |     |    |    ||    "inode range length" = 0x34
|| |     |    |    ||    "Container statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata:
Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/
Os"=0x0,"Write burst: Total time"=0x0,"Bytes read from block device"=0x0,"Object cache: Number of writes"=0x0,"Object
cache: Number of objects processed by partial cache flushes"=0x0,"Read requests sent to block device"=0x0,"Metadata:
Number of bytes written"=0x0,"Write burst: Total time between bursts"=0x0$
|| |     |    |    ||    "Cryptex inode" = 0x41adf3
|| |     |    |    ||  }
|| |     |    |    ||
|| |     |    |    |+-o
RevivalB13M201386.UC_FM_LANGUAGE_INSTRUCT_3B_AUTONAMING_MESSAGES_DRAFT_GENERIC_GENERIC_H13G_C
ryptex  <class AppleAPFSGraft, id 0x100000cc0, !registered, !matched, active, busy 0, retain 5>
|| |     |    |    ||  {
|| |     |    |    ||    "FullName" =
"RevivalB13M201386.UC_FM_LANGUAGE_INSTRUCT_3B_AUTONAMING_MESSAGES_DRAFT_GENERIC_GENERIC_H13G_
Cryptex"
|| |     |    |    ||    "Sealed" = "Yes"
|| |     |    |    ||    "Graft directory inode" = 0x1bdf9e
|| |     |    |    ||    "inode range base" = 0x1bdfa0
|| |     |    |    ||    "System content" = No
|| |     |    |    ||    "Volume statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0,"Ca$
|| |     |    |    ||    "inode range length" = 0x88
|| |     |    |    ||    "Container statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata:
Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/
Os"=0x0,"Write burst: Total time"=0x0,"Bytes read from block device"=0x0,"Object cache: Number of writes"=0x0,"Object
cache: Number of objects processed by partial cache flushes"=0x0,"Read requests sent to block device"=0x0,"Metadata:
Number of bytes written"=0x0,"Write burst: Total time between bursts"=0x0$
|| |     |    |    ||    "Cryptex inode" = 0x1bb77f
|| |     |    |    ||  }
```

```
|| |      |     |    ||
|| |      |     |    | +-o
RevivalB13M201518.UC_FM_LANGUAGE_INSTRUCT_3B_PROOFREADING_REVIEW_DRAFT_GENERIC_GENERIC_H13G_Cry
ptex  <class AppleAPFSGraft, id 0x100000cc1, !registered, !matched, active, busy 0, retain 5>
|| |      |     |    || {
|| |      |     |    ||   "FullName" =
"RevivalB13M201518.UC_FM_LANGUAGE_INSTRUCT_3B_PROOFREADING_REVIEW_DRAFT_GENERIC_GENERIC_H13G_Cr
yptex"
|| |      |     |    ||   "Sealed" = "Yes"
|| |      |     |    ||   "Graft directory inode" = 0x41d90c
|| |      |     |    ||   "inode range base" = 0x41d90d
|| |      |     |    ||   "System content" = No
|| |      |     |    ||   "Volume statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0,"Ca$
|| |      |     |    ||   "inode range length" = 0x88
|| |      |     |    ||   "Container statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata:
Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/
Os"=0x0,"Write burst: Total time"=0x0,"Bytes read from block device"=0x0,"Object cache: Number of writes"=0x0,"Object
cache: Number of objects processed by partial cache flushes"=0x0,"Read requests sent to block device"=0x0,"Metadata:
Number of bytes written"=0x0,"Write burst: Total time between bursts"=0x0$
|| |      |     |    ||   "Cryptex inode" = 0x41d10d
|| |      |     |    || }
|| |      |     |    ||
|| |      |     |    | +-o
RevivalB13M201885.UC_FM_LANGUAGE_INSTRUCT_3B_SUMMARIZATION_DRAFT_GENERIC_GENERIC_H13G_Cryptex
<class AppleAPFSGraft, id 0x100000cc5, !registered, !matched, active, busy 0, retain 5>
|| |      |     |    |  {
|| |      |     |    |    "FullName" =
"RevivalB13M201885.UC_FM_LANGUAGE_INSTRUCT_3B_SUMMARIZATION_DRAFT_GENERIC_GENERIC_H13G_Cryptex"
|| |      |     |    |    "Sealed" = "Yes"
|| |      |     |    |    "Graft directory inode" = 0x41da1e
|| |      |     |    |    "inode range base" = 0x41da1f
|| |      |     |    |    "System content" = No
|| |      |     |    |    "Volume statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0,"Ca$
|| |      |     |    |    "inode range length" = 0x88
|| |      |     |    |    "Container statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata:
Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/
Os"=0x0,"Write burst: Total time"=0x0,"Bytes read from block device"=0x0,"Object cache: Number of writes"=0x0,"Object
cache: Number of objects processed by partial cache flushes"=0x0,"Read requests sent to block device"=0x0,"Metadata:
Number of bytes written"=0x0,"Write burst: Total time between bursts"=0x0$
|| |      |     |    |    "Cryptex inode" = 0x41d423
|| |      |     |    |  }
|| |      |     |    |
|| |      |     |    +-o Update@2  <class AppleAPFSVolume, id 0x100000847, registered, matched, active, busy 0 (1
ms), retain 11>
|| |      |     |    ||{
|| |      |     |    || "Logical Block Size" = 0x1000
|| |      |     |    || "Open" = Yes
|| |      |     |    || "Preferred Block Size" = 0x1000
|| |      |     |    || "RoleValue" = 0xc0
|| |      |     |    || "Writable" = Yes
|| |      |     |    || "IncompatibleFeatures" = 0x1
|| |      |     |    || "Sealed" = "No"
|| |      |     |    || "IOBusyInterest" = "IOCommand is not serializable"
|| |      |     |    || "FullName" = "Update"
|| |      |     |    || "Size" = 0x3911870000
|| |      |     |    || "Content" = "41504653-0000-11AA-AA11-00306543ECAC"
|| |      |     |    || "BSD Minor" = 0xd
|| |      |     |    || "FormattedBy" = "com.apple.MobileSo (2236.141.1)"
|| |      |     |    || "Whole" = No
|| |      |     |    || "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| |      |     |    || "Removable" = No
|| |      |     |    || "UUID" = "353CFF7E-03E3-446F-906E-E6E173BBDBDA"
|| |      |     |    || "CaseSensitive" = No
|| |      |     |    || "Statistics" = {"Metadata: Number of fsroot bytes written"=0x169000,"Bytes read from block
device"=0xe7000,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x1bc2,"Calls to
VNOP_GETATTRLISTBULK"=0x959,"Calls to VNOP_CLOSE"=0xb38,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x67d,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x77,"File defrag:
Number of failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0xd1,"Calls to VNOP_CREATE"=0x3a,"Metadata:
Number of objects failed to wr$
|| |      |     |    || "BSD Unit" = 0x3
|| |      |     |    || "Ejectable" = No
|| |      |     |    || "Role" = ("Update")
|| |      |     |    || "VolGroupUUID" = "00000000-0000-0000-0000-000000000000"
|| |      |     |    || "BSD Name" = "disk3s2"
|| |      |     |    || "BSD Major" = 0x1
|| |      |     |    || "Physical Block Size" = 0x1000
|| |      |     |    || "IOGeneralInterest" = "IOCommand is not serializable"
|| |      |     |    || "autodiskmount" = No
|| |      |     |    || "Status" = "Online"
|| |      |     |    || "Content Hint" = "41504653-0000-11AA-AA11-00306543ECAC"
```

```
|| |      |    |     || "Leaf" = Yes
|| |      |    |     || "OSInternal" = Yes
|| |      |    |     ||}
|| |      |    |     ||
|| |      |    |     |+-o AppleAPFSVolumeBSDClient  <class AppleAPFSVolumeBSDClient, id 0x10000084c, registered,
matched, active, busy 0 (0 ms), retain 7>
|| |      |    |     | {
|| |      |    |     |   "IOProbeScore" = 0x7918
|| |      |    |     |   "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| |      |    |     |   "IOMatchCategory" = "IOMediaBSDClient"
|| |      |    |     |   "IOClass" = "AppleAPFSVolumeBSDClient"
|| |      |    |     |   "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| |      |    |     |   "IOProviderClass" = "AppleAPFSVolume"
|| |      |    |     |   "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| |      |    |     |   "IOMatchedAtBoot" = Yes
|| |      |    |     |   "IOResourceMatch" = "IOBSD"
|| |      |    |     | }
|| |      |    |     |
|| |      |    |     +-o Macintosh HD@3  <class AppleAPFSVolume, id 0x100000848, registered, matched, active,
busy 0 (96 ms), retain 14>
|| |      |    |     ||{
|| |      |    |     || "FormattedBy" = "com.apple.MobileSo (2236.141.1)"
|| |      |    |     || "RoleValue" = 0x1
|| |      |    |     || "IncompatibleFeatures" = 0x21
|| |      |    |     || "Writable" = Yes
|| |      |    |     || "BSD Unit" = 0x3
|| |      |    |     || "VolBootable" = Yes
|| |      |    |     || "BSD Name" = "disk3s3"
|| |      |    |     || "Size" = 0x3911870000
|| |      |    |     || "Whole" = No
|| |      |    |     || "Open" = Yes
|| |      |    |     || "Content Hint" = "41504653-0000-11AA-AA11-00306543ECAC"
|| |      |    |     || "IOBusyInterest" = "IOCommand is not serializable"
|| |      |    |     || "Physical Block Size" = 0x1000
|| |      |    |     || "Status" = "Online"
|| |      |    |     || "Statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x46eb52000,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x290ed5,"Calls to
VNOP_GETATTRLISTBULK"=0x161e9,"Calls to VNOP_CLOSE"=0x1661ca,"Calls to VNOP_MNOMAP"=0xa1ce,"Calls to
VNOP_INACTIVE"=0x34ca8,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x14e8c9,"File defrag:
Number of failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x9d839,"Calls to VNOP_CREATE"=0x0,"Metadata:
Number of obj$
|| |      |    |     || "UUID" = "A8C8DD41-C9C5-4DD7-8416-D4E5729900EC"
|| |      |    |     || "Content" = "41504653-0000-11AA-AA11-00306543ECAC"
|| |      |    |     || "CaseSensitive" = No
|| |      |    |     || "Ejectable" = No
|| |      |    |     || "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| |      |    |     || "VolGroupMntFromName" = "/dev/disk3s3s1"
|| |      |    |     || "Sealed" = "Yes"
|| |      |    |     || "BSD Major" = 0x1
|| |      |    |     || "Preferred Block Size" = 0x1000
|| |      |    |     || "Leaf" = Yes
|| |      |    |     || "VolGroupUUID" = "B8F667B9-63F0-49EB-9247-4153A74E69B8"
|| |      |    |     || "FullName" = "Macintosh HD"
|| |      |    |     || "Logical Block Size" = 0x1000
|| |      |    |     || "IOGeneralInterest" = "IOCommand is not serializable"
|| |      |    |     || "Removable" = No
|| |      |    |     || "Role" = ("System")
|| |      |    |     || "BSD Minor" = 0xf
|| |      |    |     || "autodiskmount" = No
|| |      |    |     ||}
|| |      |    |     ||
|| |      |    |     |+-o AppleAPFSVolumeBSDClient  <class AppleAPFSVolumeBSDClient, id 0x10000084f, registered,
matched, active, busy 0 (0 ms), retain 6>
|| |      |    |     || {
|| |      |    |     || "IOProbeScore" = 0x7918
|| |      |    |     || "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| |      |    |     || "IOMatchCategory" = "IOMediaBSDClient"
|| |      |    |     || "IOClass" = "AppleAPFSVolumeBSDClient"
|| |      |    |     || "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| |      |    |     || "IOProviderClass" = "AppleAPFSVolume"
|| |      |    |     || "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| |      |    |     || "IOMatchedAtBoot" = Yes
|| |      |    |     || "IOResourceMatch" = "IOBSD"
|| |      |    |     || }
|| |      |    |     ||
|| |      |    |     |+-o
com.apple.os.update-29730BCC891929D4C9C8562A35027BC1BB18E586487887FB5F857795CA891A29@1 <class
AppleAPFSSnapshot, id 0x10000085a, registered, matched, active, busy 0 (0 ms), retain 10>
|| |      |    |     |  |{
|| |      |    |     |  | "Logical Block Size" = 0x1000
|| |      |    |     |  | "Open" = Yes
|| |      |    |     |  | "Preferred Block Size" = 0x1000
|| |      |    |     |  | "Writable" = No
|| |      |    |     |  | "Sealed" = "Yes"
|| |      |    |     |  | "IOBusyInterest" = "IOCommand is not serializable"
|| |      |    |     |  | "FullName" =
"com.apple.os.update-29730BCC891929D4C9C8562A35027BC1BB18E586487887FB5F857795CA891A29"
|| |      |    |     |  | "Size" = 0x3911870000
|| |      |    |     |  | "Content" = "41504653-0000-11AA-AA11-00306543ECAC"
|| |      |    |     |  | "BSD Minor" = 0x13
```

```
|| |      |     |    | | "FormattedBy" = "com.apple.MobileSo (2236.141.1)"
|| |      |     |    | | "Whole" = No
|| |      |     |    | | "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| |      |     |    | | "Removable" = No
|| |      |     |    | | "UUID" = "91F19BF1-5175-4B8A-9BE2-0F3C0BA752FE"
|| |      |     |    | | "BSD Unit" = 0x3
|| |      |     |    | | "BSD Major" = 0x1
|| |      |     |    | | "Ejectable" = No
|| |      |     |    | | "VolGroupUUID" = "B8F667B9-63F0-49EB-9247-4153A74E69B8"
|| |      |     |    | | "BSD Name" = "disk3s3s1"
|| |      |     |    | | "Physical Block Size" = 0x1000
|| |      |     |    | | "IOGeneralInterest" = "IOCommand is not serializable"
|| |      |     |    | | "Status" = "Online"
|| |      |     |    | | "Content Hint" = "41504653-0000-11AA-AA11-00306543ECAC"
|| |      |     |    | | "Leaf" = Yes
|| |      |     |    | |}
|| |      |     |    |
|| |      |     |    +-o IOMediaBSDClient  <class IOMediaBSDClient, id 0x10000085b, registered, matched, active,
busy 0 (0 ms), retain 7>
|| |      |     |    | {
|| |      |     |    |   "IOProbeScore" = 0x7530
|| |      |     |    |   "CFBundleIdentifier" = "com.apple.iokit.IOStorageFamily"
|| |      |     |    |   "IOMatchCategory" = "IOMediaBSDClient"
|| |      |     |    |   "IOClass" = "IOMediaBSDClient"
|| |      |     |    |   "IOPersonalityPublisher" = "com.apple.iokit.IOStorageFamily"
|| |      |     |    |   "IOProviderClass" = "IOMedia"
|| |      |     |    |   "CFBundleIdentifierKernel" = "com.apple.iokit.IOStorageFamily"
|| |      |     |    |   "IOMatchedAtBoot" = Yes
|| |      |     |    |   "IOResourceMatch" = "IOBSD"
|| |      |     |    | }
|| |      |     |
|| |      |     +-o Preboot@4  <class AppleAPFSVolume, id 0x100000849, registered, matched, active, busy 0 (2
ms), retain 14>
|| |      |     |  |{
|| |      |     |  | "Logical Block Size" = 0x1000
|| |      |     |  | "Open" = Yes
|| |      |     |  | "Preferred Block Size" = 0x1000
|| |      |     |  | "RoleValue" = 0x10
|| |      |     |  | "Writable" = Yes
|| |      |     |  | "IncompatibleFeatures" = 0x1
|| |      |     |  | "Sealed" = "No"
|| |      |     |  | "IOBusyInterest" = "IOCommand is not serializable"
|| |      |     |  | "FullName" = "Preboot"
|| |      |     |  | "Size" = 0x3911870000
|| |      |     |  | "Content" = "41504653-0000-11AA-AA11-00306543ECAC"
|| |      |     |  | "BSD Minor" = 0x10
|| |      |     |  | "FormattedBy" = "com.apple.MobileSo (2236.141.1)"
|| |      |     |  | "Whole" = No
|| |      |     |  | "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| |      |     |  | "Removable" = No
|| |      |     |  | "UUID" = "9279A9B6-3D9C-4051-B133-4B12D399DD00"
|| |      |     |  | "CaseSensitive" = No
|| |      |     |  | "Statistics" = {"Metadata: Number of fsroot bytes written"=0x173000,"Bytes read from block
device"=0x3ed9000,"Calls to VNOP_ALLOCATE"=0x98,"Calls to VNOP_LOOKUP"=0xbfa76,"Calls to
VNOP_GETATTRLISTBULK"=0x280b,"Calls to VNOP_CLOSE"=0x193ac,"Calls to VNOP_MNOMAP"=0xdd9,"Calls to
VNOP_INACTIVE"=0x3ee0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x7d9c,"File defrag:
Number of failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x10e856,"Calls to
VNOP_CREATE"=0x63,"Metadata: Number of obje$
|| |      |     |  | "BSD Unit" = 0x3
|| |      |     |  | "Ejectable" = No
|| |      |     |  | "Role" = ("Preboot")
|| |      |     |  | "VolGroupUUID" = "00000000-0000-0000-0000-000000000000"
|| |      |     |  | "BSD Name" = "disk3s4"
|| |      |     |  | "BSD Major" = 0x1
|| |      |     |  | "Physical Block Size" = 0x1000
|| |      |     |  | "IOGeneralInterest" = "IOCommand is not serializable"
|| |      |     |  | "autodiskmount" = No
|| |      |     |  | "Status" = "Online"
|| |      |     |  | "Content Hint" = "41504653-0000-11AA-AA11-00306543ECAC"
|| |      |     |  | "Leaf" = Yes
|| |      |     |  |}
|| |      |     |  |
|| |      |     |  +-o AppleAPFSVolumeBSDClient  <class AppleAPFSVolumeBSDClient, id 0x100000852, registered,
matched, active, busy 0 (0 ms), retain 7>
|| |      |     |  | {
|| |      |     |  |   "IOProbeScore" = 0x7918
|| |      |     |  |   "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| |      |     |  |   "IOMatchCategory" = "IOMediaBSDClient"
|| |      |     |  |   "IOClass" = "AppleAPFSVolumeBSDClient"
|| |      |     |  |   "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| |      |     |  |   "IOProviderClass" = "AppleAPFSVolume"
|| |      |     |  |   "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| |      |     |  |   "IOMatchedAtBoot" = Yes
|| |      |     |  |   "IOResourceMatch" = "IOBSD"
|| |      |     |  | }
|| |      |     |  |
|| |      |     |  +-o GlowF24F74.arm64eSystemCryptex  <class AppleAPFSGraft, id 0x100000a90, !registered, !
matched, active, busy 0, retain 5>
|| |      |     |  | {
|| |      |     |  |   "FullName" = "GlowF24F74.arm64eSystemCryptex"
```

```
  || |     |    |    ||    "Sealed" = "Yes"
  || |     |    |    ||    "Graft directory inode" = 0x1a0
  || |     |    |    ||    "inode range base" = 0xf4ae
  || |     |    |    ||    "System content" = Yes
  || |     |    |    ||    "Volume statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x902f8d000,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"$
  || |     |    |    ||    "inode range length" = 0x3077
  || |     |    |    ||    "Container statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata:
Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/
Os"=0x0,"Write burst: Total time"=0x0,"Bytes read from block device"=0x902f8d000,"Object cache: Number of
writes"=0x0,"Object cache: Number of objects processed by partial cache flushes"=0x0,"Read requests sent to block
device"=0x10cd8a,"Metadata: Number of bytes written"=0x0,"Write burst: Total time betwee$
  || |     |    |    ||    "Cryptex inode" = 0xef75
  || |     |    |    || }
  || |     |    |    ||
  || |     |    |    | +-o AppCryptex  <class AppleAPFSGraft, id 0x100000a91, !registered, !matched, active, busy 0,
retain 5>
  || |     |    |    || {
  || |     |    |    ||    "FullName" = "AppCryptex"
  || |     |    |    ||    "Sealed" = "Yes"
  || |     |    |    ||    "Graft directory inode" = 0x1a1
  || |     |    |    ||    "inode range base" = 0x12525
  || |     |    |    ||    "System content" = Yes
  || |     |    |    ||    "Volume statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x2357000,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0$
  || |     |    |    ||    "inode range length" = 0x12d9
  || |     |    |    ||    "Container statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata:
Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/
Os"=0x0,"Write burst: Total time"=0x0,"Bytes read from block device"=0x2357000,"Object cache: Number of
writes"=0x0,"Object cache: Number of objects processed by partial cache flushes"=0x0,"Read requests sent to block
device"=0x710,"Metadata: Number of bytes written"=0x0,"Write burst: Total time between bur$
  || |     |    |    ||    "Cryptex inode" = 0xef79
  || |     |    |    || }
  || |     |    |    ||
  || |     |    |    | +-o GlowF24F74.arm64eSystemCryptex  <class AppleAPFSGraft, id 0x100000a92, !registered, !
matched, active, busy 0, retain 5>
  || |     |    |    | {
  || |     |    |    |    "FullName" = "GlowF24F74.arm64eSystemCryptex"
  || |     |    |    |    "Sealed" = "Yes"
  || |     |    |    |    "Graft directory inode" = 0x1a3
  || |     |    |    |    "inode range base" = 0x137fe
  || |     |    |    |    "System content" = Yes
  || |     |    |    |    "Volume statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x145a000,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0$
  || |     |    |    |    "inode range length" = 0x3077
  || |     |    |    |    "Container statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata:
Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/
Os"=0x0,"Write burst: Total time"=0x0,"Bytes read from block device"=0x145a000,"Object cache: Number of
writes"=0x0,"Object cache: Number of objects processed by partial cache flushes"=0x0,"Read requests sent to block
device"=0x232,"Metadata: Number of bytes written"=0x0,"Write burst: Total time between bur$
  || |     |    |    |    "Cryptex inode" = 0xef76
  || |     |    |    | }
  || |     |    |    |
  || |     |    |    +-o Recovery@5  <class AppleAPFSVolume, id 0x10000084a, registered, matched, active, busy 0
(26 ms), retain 9>
  || |     |    |    ||{
  || |     |    |    ||  "Logical Block Size" = 0x1000
  || |     |    |    ||  "Open" = No
  || |     |    |    ||  "Preferred Block Size" = 0x1000
  || |     |    |    ||  "RoleValue" = 0x4
  || |     |    |    ||  "Writable" = Yes
  || |     |    |    ||  "IncompatibleFeatures" = 0x1
  || |     |    |    ||  "Sealed" = "No"
  || |     |    |    ||  "IOBusyInterest" = "IOCommand is not serializable"
  || |     |    |    ||  "FullName" = "Recovery"
  || |     |    |    ||  "Size" = 0x3911870000
  || |     |    |    ||  "Content" = "41504653-0000-11AA-AA11-00306543ECAC"
  || |     |    |    ||  "BSD Minor" = 0x11
  || |     |    |    ||  "FormattedBy" = "com.apple.MobileSo (2236.141.1)"
  || |     |    |    ||  "Whole" = No
  || |     |    |    ||  "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
  || |     |    |    ||  "Removable" = No
  || |     |    |    ||  "UUID" = "C8B1EA8B-D438-44B7-B2C2-58CB6A37EAE3"
  || |     |    |    ||  "CaseSensitive" = No
  || |     |    |    ||  "Statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x15971000,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x114,"Calls to
VNOP_GETATTRLISTBULK"=0x24,"Calls to VNOP_CLOSE"=0x87,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x98,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x30f5,"File defrag:
```

Number of failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x13aa,"Calls to VNOP_CREATE"=0x0,"Metadata:
Number of objects failed to write$
    | | | | | | || "BSD Unit" = 0x3
    | | | | | | || "Ejectable" = No
    | | | | | | || "Role" = ("Recovery")
    | | | | | | || "VolGroupUUID" = "00000000-0000-0000-0000-000000000000"
    | | | | | | || "BSD Name" = "disk3s5"
    | | | | | | || "BSD Major" = 0x1
    | | | | | | || "Physical Block Size" = 0x1000
    | | | | | | || "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | | || "autodiskmount" = No
    | | | | | | || "Status" = "Online"
    | | | | | | || "Content Hint" = "41504653-0000-11AA-AA11-00306543ECAC"
    | | | | | | || "Leaf" = Yes
    | | | | | | ||}
    | | | | | | ||
    | | | | | | |+-o AppleAPFSVolumeBSDClient <class AppleAPFSVolumeBSDClient, id 0x100000854,
registered, matched, active, busy 0 (0 ms), retain 6>
    | | | | | | | {
    | | | | | | | "IOProbeScore" = 0x7918
    | | | | | | | "CFBundleIdentifier" = "com.apple.filesystems.apfs"
    | | | | | | | "IOMatchCategory" = "IOMediaBSDClient"
    | | | | | | | "IOClass" = "AppleAPFSVolumeBSDClient"
    | | | | | | | "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
    | | | | | | | "IOProviderClass" = "AppleAPFSVolume"
    | | | | | | | "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
    | | | | | | | "IOMatchedAtBoot" = Yes
    | | | | | | | "IOResourceMatch" = "IOBSD"
    | | | | | | | }
    | | | | | |
    | | | | | +-o VM@6 <class AppleAPFSVolume, id 0x10000084b, registered, matched, active, busy 0 (2 ms),
retain 11>
    | | | | | |{
    | | | | | | "Logical Block Size" = 0x1000
    | | | | | | "Open" = Yes
    | | | | | | "Preferred Block Size" = 0x1000
    | | | | | | "RoleValue" = 0x8
    | | | | | | "Writable" = Yes
    | | | | | | "IncompatibleFeatures" = 0x1
    | | | | | | "Sealed" = "No"
    | | | | | | "IOBusyInterest" = "IOCommand is not serializable"
    | | | | | | "FullName" = "VM"
    | | | | | | "Size" = 0x3911870000
    | | | | | | "Content" = "41504653-0000-11AA-AA11-00306543ECAC"
    | | | | | | "BSD Minor" = 0x12
    | | | | | | "FormattedBy" = "com.apple.MobileSo (2236.141.1)"
    | | | | | | "Whole" = No
    | | | | | | "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
    | | | | | | "Removable" = No
    | | | | | | "UUID" = "A82CDC28-0898-4FCC-9756-50E92880CD7D"
    | | | | | | "CaseSensitive" = No
    | | | | | | "Statistics" = {"Metadata: Number of fsroot bytes written"=0xd000,"Bytes read from block
device"=0x211414000,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x72,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x69,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0xb,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x79452,"Calls to VNOP_CREATE"=0x7,"Metadata: Number of
objects failed to write"$
    | | | | | | "BSD Unit" = 0x3
    | | | | | | "Ejectable" = No
    | | | | | | "Role" = ("VM")
    | | | | | | "VolGroupUUID" = "00000000-0000-0000-0000-000000000000"
    | | | | | | "BSD Name" = "disk3s6"
    | | | | | | "BSD Major" = 0x1
    | | | | | | "Physical Block Size" = 0x1000
    | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | | "autodiskmount" = No
    | | | | | | "Status" = "Online"
    | | | | | | "Content Hint" = "41504653-0000-11AA-AA11-00306543ECAC"
    | | | | | | "Leaf" = Yes
    | | | | | |}
    | | | | |
    | | | | | +-o AppleAPFSVolumeBSDClient <class AppleAPFSVolumeBSDClient, id 0x100000855,
registered, matched, active, busy 0 (0 ms), retain 7>
    | | | | | {
    | | | | | "IOProbeScore" = 0x7918
    | | | | | "CFBundleIdentifier" = "com.apple.filesystems.apfs"
    | | | | | "IOMatchCategory" = "IOMediaBSDClient"
    | | | | | "IOClass" = "AppleAPFSVolumeBSDClient"
    | | | | | "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
    | | | | | "IOProviderClass" = "AppleAPFSVolume"
    | | | | | "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
    | | | | | "IOMatchedAtBoot" = Yes
    | | | | | "IOResourceMatch" = "IOBSD"
    | | | | | }
    | | | |
    | | | +-o RecoveryOSContainer@3 <class IOMedia, id 0x100000783, registered, matched, active, busy 0 (76
ms), retain 11>
    | | | | | {
    | | | | | "Open" = No
    | | | | | "Preferred Block Size" = 0x1000

```
|| |      |      | "Base" = 0x3930c76000
|| |      |      | "Writable" = Yes
|| |      |      | "IOBusyInterest" = "IOCommand is not serializable"
|| |      |      | "Size" = 0x13fff5000
|| |      |      | "Content" = "52637672-7900-11AA-AA11-00306543ECAC"
|| |      |      | "BSD Minor" = 0x3
|| |      |      | "Whole" = No
|| |      |      | "Removable" = No
|| |      |      | "UUID" = "3E73FDB0-3E4F-455B-A012-B4759DC8AE67"
|| |      |      | "BSD Unit" = 0x0
|| |      |      | "BSD Major" = 0x1
|| |      |      | "Ejectable" = No
|| |      |      | "BSD Name" = "disk0s3"
|| |      |      | "Partition ID" = 0x3
|| |      |      | "IOGeneralInterest" = "IOCommand is not serializable"
|| |      |      | "GPT Attributes" = 0x0
|| |      |      | "Content Hint" = "52637672-7900-11AA-AA11-00306543ECAC"
|| |      |      | "Leaf" = No
|| |      |      | "TierType" = "Main"
|| |      |      | }
|| |      |      |
|| |      |      +-o IOMediaBSDClient  <class IOMediaBSDClient, id 0x100000789, registered, matched, active, busy 0
(5 ms), retain 6>
|| |      |      | {
|| |      |      |   "IOProbeScore" = 0x7530
|| |      |      |   "CFBundleIdentifier" = "com.apple.iokit.IOStorageFamily"
|| |      |      |   "IOMatchCategory" = "IOMediaBSDClient"
|| |      |      |   "IOClass" = "IOMediaBSDClient"
|| |      |      |   "IOPersonalityPublisher" = "com.apple.iokit.IOStorageFamily"
|| |      |      |   "IOProviderClass" = "IOMedia"
|| |      |      |   "CFBundleIdentifierKernel" = "com.apple.iokit.IOStorageFamily"
|| |      |      |   "IOMatchedAtBoot" = Yes
|| |      |      |   "IOResourceMatch" = "IOBSD"
|| |      |      | }
|| |      |      |
|| |      |      +-o AppleAPFSContainerScheme  <class AppleAPFSContainerScheme, id 0x10000078a, !registered, !
matched, active, busy 0 (66 ms), retain 6>
|| |      |      | {
|| |      |      |   "IOClass" = "AppleAPFSContainerScheme"
|| |      |      |   "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| |      |      |   "IOProviderClass" = "IOMedia"
|| |      |      |   "IOPropertyMatch" = ({"Content Hint"="52637672-7900-11AA-AA11-00306543ECAC"})
|| |      |      |   "IOProbeScore" = 0x7d0
|| |      |      |   "IOMatchedAtBoot" = Yes
|| |      |      |   "IOGeneralInterest" = "IOCommand is not serializable"
|| |      |      |   "IOMatchCategory" = "IOStorage"
|| |      |      |   "Statistics" = {"Operations (Read)"=0xa3,"Bytes (Write)"=0x0,"Operations (Write)"=0x0,"Bytes
(Read)"=0x20b000}
|| |      |      |   "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| |      |      |   "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| |      |      |   "APFSComposited" = No
|| |      |      | }
|| |      |      |
|| |      |      +-o AppleAPFSMedia  <class AppleAPFSMedia, id 0x100000792, registered, matched, active, busy 0
(66 ms), retain 10>
|| |      |      | {
|| |      |      |   "Logical Block Size" = 0x1000
|| |      |      |   "Open" = No
|| |      |      |   "Preferred Block Size" = 0x1000
|| |      |      |   "Writable" = Yes
|| |      |      |   "IOBusyInterest" = "IOCommand is not serializable"
|| |      |      |   "Size" = 0x13fff5000
|| |      |      |   "Content" = "EF57347C-0000-11AA-AA11-00306543ECAC"
|| |      |      |   "BSD Minor" = 0x4
|| |      |      |   "Whole" = Yes
|| |      |      |   "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| |      |      |   "Removable" = No
|| |      |      |   "EncryptionBlockSize" = 0x1000
|| |      |      |   "UUID" = "E6F791B1-A303-4A0A-B923-5B1F088098A4"
|| |      |      |   "BSD Unit" = 0x1
|| |      |      |   "BSD Major" = 0x1
|| |      |      |   "Ejectable" = No
|| |      |      |   "BSD Name" = "disk1"
|| |      |      |   "Physical Block Size" = 0x1000
|| |      |      |   "IOGeneralInterest" = "IOCommand is not serializable"
|| |      |      |   "Content Hint" = "EF57347C-0000-11AA-AA11-00306543ECAC"
|| |      |      |   "Leaf" = No
|| |      |      |   "OSInternal" = Yes
|| |      |      | }
|| |      |      |
|| |      |      +-o AppleAPFSMediaBSDClient  <class AppleAPFSMediaBSDClient, id 0x10000079d, registered,
matched, active, busy 0 (3 ms), retain 6>
|| |      |      | {
|| |      |      |   "IOProbeScore" = 0x7918
|| |      |      |   "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| |      |      |   "IOMatchCategory" = "IOMediaBSDClient"
|| |      |      |   "IOClass" = "AppleAPFSMediaBSDClient"
|| |      |      |   "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| |      |      |   "IOProviderClass" = "AppleAPFSMedia"
|| |      |      |   "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
```

```
|| |      |          |      "IOMatchedAtBoot" = Yes
|| |      |          |      "IOResourceMatch" = "IOBSD"
|| |      |          |  }
|| |      |          |
|| |      |          +-o AppleAPFSContainer  <class AppleAPFSContainer, id 0x1000007a7, registered, matched, active,
busy 0 (42 ms), retain 7>
|| |      |          |{
|| |      |          |  "IOClass" = "AppleAPFSContainer"
|| |      |          |  "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| |      |          |  "IOProviderClass" = "IOMedia"
|| |      |          |  "IOPropertyMatch" = ({"Content Hint"="EF57347C-0000-11AA-AA11-00306543ECAC"})
|| |      |          |  "Logical Block Size" = 0x1000
|| |      |          |  "IOUserClientClass" = "AppleAPFSUserClient"
|| |      |          |  "IOProbeScore" = 0x3e8
|| |      |          |  "IOMatchedAtBoot" = Yes
|| |      |          |  "IOGeneralInterest" = "IOCommand is not serializable"
|| |      |          |  "IOMatchCategory" = "IOStorage"
|| |      |          |  "Statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata: Number of
write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/Os"=0x0,"Write burst:
Total time"=0x0,"Bytes read from block device"=0x0,"Object cache: Number of writes"=0x0,"Object cache: Number of
objects processed by partial cache flushes"=0x0,"Read requests sent to block device"=0x0,"Metadata: Number of bytes
written"=0x0,"Write burst: Total time between bursts"=0x0,"Object cache$
|| |      |          |  "UUID" = "E6F791B1-A303-4A0A-B923-5B1F088098A4"
|| |      |          |  "ContainerBlockSize" = 0x1000
|| |      |          |  "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| |      |          |  "Status" = "Online"
|| |      |          |  "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| |      |          |}
|| |      |          |
|| |      |          +-o Recovery@1  <class AppleAPFSVolume, id 0x1000007c7, registered, matched, active, busy 0
(42 ms), retain 9>
|| |      |          ||{
|| |      |          ||  "Logical Block Size" = 0x1000
|| |      |          ||  "Open" = No
|| |      |          ||  "Preferred Block Size" = 0x1000
|| |      |          ||  "RoleValue" = 0x4
|| |      |          ||  "Writable" = Yes
|| |      |          ||  "IncompatibleFeatures" = 0x1
|| |      |          ||  "Sealed" = "No"
|| |      |          ||  "IOBusyInterest" = "IOCommand is not serializable"
|| |      |          ||  "FullName" = "Recovery"
|| |      |          ||  "Size" = 0x13fff5000
|| |      |          ||  "Content" = "41504653-0000-11AA-AA11-00306543ECAC"
|| |      |          ||  "BSD Minor" = 0x6
|| |      |          ||  "FormattedBy" = "newfs_apfs (1933.61.1)"
|| |      |          ||  "Whole" = No
|| |      |          ||  "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| |      |          ||  "Removable" = No
|| |      |          ||  "UUID" = "D8DB8668-E351-4799-ADD8-08C012F764FC"
|| |      |          ||  "CaseSensitive" = No
|| |      |          ||  "Statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0,"Calls to VN$
|| |      |          ||  "BSD Unit" = 0x1
|| |      |          ||  "Ejectable" = No
|| |      |          ||  "Role" = ("Recovery")
|| |      |          ||  "VolGroupUUID" = "00000000-0000-0000-0000-000000000000"
|| |      |          ||  "BSD Name" = "disk1s1"
|| |      |          ||  "BSD Major" = 0x1
|| |      |          ||  "Physical Block Size" = 0x1000
|| |      |          ||  "IOGeneralInterest" = "IOCommand is not serializable"
|| |      |          ||  "autodiskmount" = No
|| |      |          ||  "Status" = "Online"
|| |      |          ||  "Content Hint" = "41504653-0000-11AA-AA11-00306543ECAC"
|| |      |          ||  "Leaf" = Yes
|| |      |          ||}
|| |      |          ||
|| |      |          |+-o AppleAPFSVolumeBSDClient  <class AppleAPFSVolumeBSDClient, id 0x100000811, registered,
matched, active, busy 0 (0 ms), retain 6>
|| |      |          |  {
|| |      |          |    "IOProbeScore" = 0x7918
|| |      |          |    "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| |      |          |    "IOMatchCategory" = "IOMediaBSDClient"
|| |      |          |    "IOClass" = "AppleAPFSVolumeBSDClient"
|| |      |          |    "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| |      |          |    "IOProviderClass" = "AppleAPFSVolume"
|| |      |          |    "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| |      |          |    "IOMatchedAtBoot" = Yes
|| |      |          |    "IOResourceMatch" = "IOBSD"
|| |      |          |  }
|| |      |          |
|| |      |          +-o Update@2  <class AppleAPFSVolume, id 0x1000007c8, registered, matched, active, busy 0 (42
ms), retain 9>
|| |      |          |{
|| |      |          |  "Logical Block Size" = 0x1000
|| |      |          |  "Open" = No
|| |      |          |  "Preferred Block Size" = 0x1000
```

```
|| |    |    |          | "RoleValue" = 0xc0
|| |    |    |          | "Writable" = Yes
|| |    |    |          | "IncompatibleFeatures" = 0x1
|| |    |    |          | "Sealed" = "No"
|| |    |    |          | "IOBusyInterest" = "IOCommand is not serializable"
|| |    |    |          | "FullName" = "Update"
|| |    |    |          | "Size" = 0x13fff5000
|| |    |    |          | "Content" = "41504653-0000-11AA-AA11-00306543ECAC"
|| |    |    |          | "BSD Minor" = 0x5
|| |    |    |          | "FormattedBy" = "com.apple.MobileSof (1933.61.1)"
|| |    |    |          | "Whole" = No
|| |    |    |          | "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| |    |    |          | "Removable" = No
|| |    |    |          | "UUID" = "A3959657-BF09-406E-84BF-B5368E77DA9F"
|| |    |    |          | "CaseSensitive" = No
|| |    |    |          | "Statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0,"Calls to VN$
|| |    |    |          | "BSD Unit" = 0x1
|| |    |    |          | "Ejectable" = No
|| |    |    |          | "Role" = ("Update")
|| |    |    |          | "VolGroupUUID" = "00000000-0000-0000-0000-000000000000"
|| |    |    |          | "BSD Name" = "disk1s2"
|| |    |    |          | "BSD Major" = 0x1
|| |    |    |          | "Physical Block Size" = 0x1000
|| |    |    |          | "IOGeneralInterest" = "IOCommand is not serializable"
|| |    |    |          | "autodiskmount" = No
|| |    |    |          | "Status" = "Online"
|| |    |    |          | "Content Hint" = "41504653-0000-11AA-AA11-00306543ECAC"
|| |    |    |          | "Leaf" = Yes
|| |    |    |          | "OSInternal" = Yes
|| |    |    |          |}
|| |    |    |
|| |    |    |          +-o AppleAPFSVolumeBSDClient  <class AppleAPFSVolumeBSDClient, id 0x1000007f1, registered,
matched, active, busy 0 (34 ms), retain 6>
|| |    |    |            {
|| |    |    |              "IOProbeScore" = 0x7918
|| |    |    |              "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| |    |    |              "IOMatchCategory" = "IOMediaBSDClient"
|| |    |    |              "IOClass" = "AppleAPFSVolumeBSDClient"
|| |    |    |              "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| |    |    |              "IOProviderClass" = "AppleAPFSVolume"
|| |    |    |              "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| |    |    |              "IOMatchedAtBoot" = Yes
|| |    |    |              "IOResourceMatch" = "IOBSD"
|| |    |    |            }
|| |    |
|| |    +-o NS_02  <class AppleNVMeNamespaceDevice, id 0x100000858, registered, matched, active, busy 0 (0
ms), retain 5>
|| |    |    | {
|| |    |    |   "EmbeddedDeviceTypePanicLog" = Yes
|| |    |    | }
|| |    |
|| |    +-o NS_03  <class AppleNVMeEAN, id 0x100000859, registered, matched, active, busy 0 (0 ms), retain 7>
|| |    |{
|| |    |   "EmbeddedDeviceTypeEAN" = Yes
|| |    |}
|| |    |
|| |    +-o AppleNVMeEANUC  <class AppleNVMeEANUC, id 0x100000be3, !registered, !matched, active, busy 0,
retain 6>
|| |          {
|| |            "IOUserClientCreator" = "pid 530, suhelperd"
|| |            "IOUserClientDefaultLocking" = Yes
|| |          }
|| |
|| +-o sart-ans@7BC50000  <class AppleARMIODevice, id 0x1000002b5, registered, matched, active, busy 0 (116 ms),
retain 8>
|| ||{
|| ||   "sart-version" = <02000000>
|| ||   "compatible" = <736172742c636f617374677561726400>
|| ||   "AAPL,phandle" = <98000000>
|| ||   "IODeviceMemory" = (({"address"=0x27bc50000,"length"=0x10000}))
|| ||   "exclusive-bounds" = <>
|| ||   "device_type" = <7361727400>
|| ||   "name" = <736172742d616e7300>
|| ||   "reg" = <0000c57b00000000000010000000000>
|| ||}
|| ||
|| |+-o IOCoastGuardSARTMapper  <class IOCoastGuardSARTMapper, id 0x100000345, registered, matched, active,
busy 0 (0 ms), retain 13>
|| |   {
|| |     "IOProbeScore" = 0x0
|| |     "CFBundleIdentifier" = "com.apple.driver.AppleSART"
|| |     "IOProviderClass" = "AppleARMIODevice"
|| |     "IOClass" = "IOCoastGuardSARTMapper"
|| |     "IOPersonalityPublisher" = "com.apple.driver.AppleSART"
|| |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleSART"
```

```
|| |     "IOMatchedAtBoot" = Yes
|| |     "IONameMatch" = ("sart,coastguard")
|| |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |     "IONameMatched" = "sart,coastguard"
|| |     "IOMapperID" = <98000000>
|| |   }
|| |
|| +-o smc@3E400000  <class AppleARMIODevice, id 0x1000002b6, registered, matched, active, busy 0 (37010 ms),
retain 9>
|| ||{
|| ||   "compatible" = <696f702c617363777261702d763400>
|| ||   "clock-ids" = <>
|| ||   "interrupt-parent" = <67000000>
|| ||   "interrupts" = <910100009001000093010000092010000>
|| ||   "clock-gates" = <>
|| ||   "reg" =
<0000403e0000000000c0060000000000000000053e00000000004000000000000000000813e00000000140000000000
0000>
|| ||   "AAPL,phandle" = <99000000>
|| ||   "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController
r00000067")
|| ||   "iop-version" = <01000000>
|| ||   "device_type" = <736d6300>
|| ||   "IOInterruptSpecifiers" = (<91010000>,<90010000>,<93010000>,<92010000>)
|| ||   "IODeviceMemory" = (({"address"=0x23e400000,"length"=0x6c000}),
({"address"=0x23e050000,"length"=0x4000}),({"address"=0x23e810000,"length"=0x14}))
|| ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200020000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200020001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200020002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200020003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200020004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| ||   "IOReportLegendPublic" = Yes
|| ||   "role" = <534d4300>
|| ||   "power-gates" = <>
|| ||   "timers-reg-index" = <02000000>
|| ||   "name" = <736d6300>
|| ||}
|| ||
|| |+-o AppleASCWrapV4  <class AppleASCWrapV4, id 0x100000361, !registered, !matched, active, busy 0 (36827
ms), retain 5>
|| | |{
|| | |   "IOProbeScore" = 0x0
|| | |   "CFBundleIdentifier" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
|| | |   "IOProviderClass" = "AppleARMIODevice"
|| | |   "IOClass" = "AppleASCWrapV4"
|| | |   "IOPersonalityPublisher" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
|| | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "IONameMatch" = "iop,ascwrap-v4"
|| | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | |   "IONameMatched" = "iop,ascwrap-v4"
|| | |   "role" = "SMC"
|| | |}
|| | |
|| | +-o iop-smc-nub  <class AppleA7IOPNub, id 0x1000003ad, registered, matched, active, busy 0 (36828 ms),
retain 10>
|| | |{
|| | |   "pre-loaded" = <01000000>
|| | |   "uuid" = <30303030303030302d303030302d303030302d303030302d303030303030303030303000>
|| | |   "quiesced" = <>
|| | |   "compatible" = <696f702d6e75622c727472462756464792d763200>
|| | |   "coredump-enable" = <40000000>
|| | |   "AAPL,phandle" = <9a000000>
|| | |   "region-base" = <0000e03f02000000>
|| | |   "firmware-name" = <7438313033736d6300>
|| | |   "running" = <01000000>
|| | |   "no-shutdown" = <01000000>
|| | |   "region-size" = <0000100000000000>
|| | |   "continuous-time" = <>
|| | |   "cold-boot-after-hibernate" = <>
|| | |   "KDebugCoreID" = 0x8
|| | |   "no-hibernate-sleep" = <>
|| | |   "watchdog-enable" = <>
|| | |   "coredump-active-only" = <>
|| | |   "name" = <696f702d736d632d6e756200>
|| | |   "user-power-managed" = <01000000>
|| | |}
|| | |
|| | +-o RTBuddy(SMC)  <class RTBuddy, id 0x1000003b7, registered, matched, active, busy 0 (36823 ms), retain
17>
|| | |{
|| | |   "IOClass" = "RTBuddy"
|| | |   "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
|| | |   "IOProviderClass" = "AppleA7IOPNub"
|| | |   "IOPlatformPanicAction" = 0x15ba8
|| | |   "IOUserClientClass" = "RTBuddyUserClient"
|| | |   "IOProbeScore" = 0x0
|| | |   "IONameMatch" = "iop-nub,rtbuddy-v2"
```

```
|| |   |   "IOMatchedAtBoot" = Yes
|| |   |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |   "IOReportLegend" =
({"IOReportGroupName"="SMC","IOReportChannels"=((0x5254537475730000,0x900020002,"status")),"IOReportChannel
Info"={"IOReportChannelUnit"=0x100007980000018},"IOReportSubGroupName"="IOP State"})
|| |   |   "IOReportLegendPublic" = Yes
|| |   |   "IONameMatched" = "iop-nub,rtbuddy-v2"
|| |   |   "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
|| |   |   "role" = "SMC"
|| |   |   "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
|| |   |   "RTBuddyRouteProviderKey" = <9a000000>
|| |   | }
|| |   |
|| |   +-o RTBuddyService  <class RTBuddyService, id 0x1000003bc, registered, matched, active, busy 0 (2 ms),
retain 5>
|| |   |   {
|| |   |     "IOProbeScore" = 0x3e8
|| |   |     "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
|| |   |     "IOMatchCategory" = "RTBuddyService"
|| |   |     "IOClass" = "RTBuddyService"
|| |   |     "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
|| |   |     "IOProviderClass" = "RTBuddy"
|| |   |     "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
|| |   |     "IOMatchedAtBoot" = Yes
|| |   |     "role" = "SMC"
|| |   |   }
|| |   |
|| |   +-o RTBuddyIOReportingEndpoint  <class RTBuddyIOReportingEndpoint, id 0x1000003c0, registered, matched,
active, busy 0 (7 ms), retain 7>
|| |   |   {
|| |   |     "IOReportLegend" =
({"IOReportGroupName"="SMC","IOReportChannels"=((0x5254494f75636e00,0x180000001,"update count"),
(0x5254494f6c757000,0x180000001,"last
update")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="IO Reporting statistics"},
{"IOReportGroupName"="SMC","IOReportChannels"=((0x5254447574794436c,0x100020001,"Duty
cycle")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="Power"},
{"IOReportGroupName"="SMC","IOReportChannels"=((0x5254536c70436e74,0x100020001,"Sleep $
|| |   |     "IOReportLegendPublic" = Yes
|| |   |   }
|| |   |
|| |   +-o SMCEndpoint1  <class RTBuddyEndpointService, id 0x1000003c3, registered, matched, active, busy 0
(36823 ms), retain 7>
|| |   |   {
|| |   |   }
|| |   |
|| |   +-o AppleSMCKeysEndpoint  <class AppleSMCKeysEndpoint, id 0x1000003d3, registered, matched, active,
busy 0 (36811 ms), retain 243>
|| |   |   {
|| |   |     "IOClass" = "AppleSMCKeysEndpoint"
|| |   |     "IOPlatformSleepAction" = 0x320
|| |   |     "IOPlatformPanicAction" = 0x15ba8
|| |   |     "IOPersonalityPublisher" = "com.apple.driver.AppleSMC"
|| |   |     "IOMatchedAtBoot" = Yes
|| |   |     "socd-data-in-progress" = No
|| |   |     "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| |   |     "IOProviderClass" = "RTBuddyEndpointService"
|| |   |     "IOProbeScore" = 0x0
|| |   |     "IOUserClientClass" = "AppleSMCClient"
|| |   |     "remove-socd-data" = 0x0
|| |   |     "IONameMatch" = "SMCEndpoint1"
|| |   |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleSMC"
|| |   |     "Generation" = 0x4
|| |   |     "IOMatchCategory" = "AppleSMCKeysEndpoint"
|| |   |     "CFBundleIdentifier" = "com.apple.driver.AppleSMC"
|| |   |     "IONameMatched" = "SMCEndpoint1"
|| |   |     "role" = "SMC"
|| |   |     "DeviceOpenedByEventSystem" = Yes
|| |   |     "IOPlatformWakeAction" = 0x320
|| |   |   }
|| |   |
|| |   +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000003f9, registered, matched,
active, busy 0 (190 ms), retain 8>
|| |   ||{
|| |   ||  "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |   ||  "VendorID" = 0x0
|| |   ||  "CountryCode" = 0x0
|| |   ||  "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |   ||  "Product" = "PMU VP0u"
|| |   ||  "VersionNumber" = 0x0
|| |   ||  "IOGeneralInterest" = "IOCommand is not serializable"
|| |   ||  "PrimaryUsage" = 0x3
|| |   ||  "LocationID" = 0x56503075
|| |   ||  "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
```

DPointerAcceleration"=0xb000,"Notificatio$
    || | || "ProductID" = 0x0
    || | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
    || | || "Built-In" = Yes
    || | || "ReportInterval" = 0x0
    || | || "HIDServiceSupport" = Yes
    || | || "PrimaryUsagePage" = 0xff08
    || | || "VendorIDSource" = 0x0
    || | || "QueueSize" = 0x0
    || | || }
    || | ||
    || | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b4a, !registered, !
matched, active, busy 0, retain 6>
    || | | {
    || | | "IOUserClientDefaultLockingSetProperties" = Yes
    || | | "IOUserClientDefaultLocking" = Yes
    || | | "IOUserClientCreator" = "pid 385, WindowServer"
    || | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || | | "IOUserClientEntitlements" = No
    || | | "DebugState" = {}
    || | | }
    || | |
    || | +-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x1000003fa, registered, matched,
active, busy 0 (187 ms), retain 8>
    || | || {
    || | || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || | || "VendorID" = 0x0
    || | || "CountryCode" = 0x0
    || | || "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || | || "Product" = "PMU tcal"
    || | || "VersionNumber" = 0x0
    || | || "IOGeneralInterest" = "IOCommand is not serializable"
    || | || "PrimaryUsage" = 0x5
    || | || "LocationID" = 0x5450305a
    || | || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
    || | || "ProductID" = 0x0
    || | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    || | || "Built-In" = Yes
    || | || "ReportInterval" = 0x0
    || | || "HIDServiceSupport" = Yes
    || | || "PrimaryUsagePage" = 0xff00
    || | || "VendorIDSource" = 0x0
    || | || "QueueSize" = 0x0
    || | || }
    || | ||
    || | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000aff, !registered, !
matched, active, busy 0, retain 6>
    || | | {
    || | | "IOUserClientDefaultLockingSetProperties" = Yes
    || | | "IOUserClientDefaultLocking" = Yes
    || | | "IOUserClientCreator" = "pid 385, WindowServer"
    || | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || | | "IOUserClientEntitlements" = No
    || | | "DebugState" = {}
    || | | }
    || | |
    || | +-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x1000003fb, registered, matched,
active, busy 0 (185 ms), retain 8>
    || | || {
    || | || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || | || "VendorID" = 0x0
    || | || "CountryCode" = 0x0
    || | || "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || | || "Product" = "PMU tdev1"
    || | || "VersionNumber" = 0x0
    || | || "IOGeneralInterest" = "IOCommand is not serializable"
    || | || "PrimaryUsage" = 0x5
    || | || "LocationID" = 0x54503164
    || | || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
    || | || "ProductID" = 0x0
    || | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    || | || "Built-In" = Yes
    || | || "ReportInterval" = 0x0
    || | || "HIDServiceSupport" = Yes
    || | || "PrimaryUsagePage" = 0xff00
    || | || "VendorIDSource" = 0x0

```
|| |       || "QueueSize" = 0x0
|| |       || }
|| |       ||
|| |       | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000afe, !registered, !
matched, active, busy 0, retain 6>
|| |       |   {
|| |       |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |       |     "IOUserClientDefaultLocking" = Yes
|| |       |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |       |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |       |     "IOUserClientEntitlements" = No
|| |       |     "DebugState" = {}
|| |       |   }
|| |       |
|| |       +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x1000003fc, registered, matched,
active, busy 0 (185 ms), retain 8>
|| |       || {
|| |       || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |       || "VendorID" = 0x0
|| |       || "CountryCode" = 0x0
|| |       || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |       || "Product" = "PMU tdev2"
|| |       || "VersionNumber" = 0x0
|| |       || "IOGeneralInterest" = "IOCommand is not serializable"
|| |       || "PrimaryUsage" = 0x5
|| |       || "LocationID" = 0x54503264
|| |       || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |       || "ProductID" = 0x0
|| |       || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |       || "Built-In" = Yes
|| |       || "ReportInterval" = 0x0
|| |       || "HIDServiceSupport" = Yes
|| |       || "PrimaryUsagePage" = 0xff00
|| |       || "VendorIDSource" = 0x0
|| |       || "QueueSize" = 0x0
|| |       || }
|| |       ||
|| |       | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000afd, !registered, !
matched, active, busy 0, retain 6>
|| |       |   {
|| |       |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |       |     "IOUserClientDefaultLocking" = Yes
|| |       |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |       |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |       |     "IOUserClientEntitlements" = No
|| |       |     "DebugState" = {}
|| |       |   }
|| |       |
|| |       +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x1000003fd, registered, matched,
active, busy 0 (190 ms), retain 8>
|| |       || {
|| |       || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |       || "VendorID" = 0x0
|| |       || "CountryCode" = 0x0
|| |       || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |       || "Product" = "PMU tdev3"
|| |       || "VersionNumber" = 0x0
|| |       || "IOGeneralInterest" = "IOCommand is not serializable"
|| |       || "PrimaryUsage" = 0x5
|| |       || "LocationID" = 0x54503364
|| |       || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |       || "ProductID" = 0x0
|| |       || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |       || "Built-In" = Yes
|| |       || "ReportInterval" = 0x0
|| |       || "HIDServiceSupport" = Yes
|| |       || "PrimaryUsagePage" = 0xff00
|| |       || "VendorIDSource" = 0x0
|| |       || "QueueSize" = 0x0
|| |       || }
|| |       ||
|| |       | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000afc, !registered, !
matched, active, busy 0, retain 6>
|| |       |   {
|| |       |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |       |     "IOUserClientDefaultLocking" = Yes
```

```
|| |        |        "IOUserClientCreator" = "pid 385, WindowServer"
|| |        |        "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        |        "IOUserClientEntitlements" = No
|| |        |        "DebugState" = {}
|| |        |      }
|| |        |
|| |        +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x100000405, registered, matched,
active, busy 0 (189 ms), retain 8>
|| |        || {
|| |        ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |        ||   "VendorID" = 0x0
|| |        ||   "CountryCode" = 0x0
|| |        ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |        ||   "Product" = "PMU tdev4"
|| |        ||   "VersionNumber" = 0x0
|| |        ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |        ||   "PrimaryUsage" = 0x5
|| |        ||   "LocationID" = 0x54503464
|| |        ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |        ||   "ProductID" = 0x0
|| |        ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |        ||   "Built-In" = Yes
|| |        ||   "ReportInterval" = 0x0
|| |        ||   "HIDServiceSupport" = Yes
|| |        ||   "PrimaryUsagePage" = 0xff00
|| |        ||   "VendorIDSource" = 0x0
|| |        ||   "QueueSize" = 0x0
|| |        || }
|| |        ||
|| |        | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000afb, !registered, !
matched, active, busy 0, retain 6>
|| |        |   {
|| |        |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |        |     "IOUserClientDefaultLocking" = Yes
|| |        |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |        |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        |     "IOUserClientEntitlements" = No
|| |        |     "DebugState" = {}
|| |        |   }
|| |        |
|| |        +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x100000406, registered, matched,
active, busy 0 (233 ms), retain 9>
|| |        || {
|| |        ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |        ||   "VendorID" = 0x0
|| |        ||   "CountryCode" = 0x0
|| |        ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |        ||   "Product" = "PMU tdev5"
|| |        ||   "VersionNumber" = 0x0
|| |        ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |        ||   "PrimaryUsage" = 0x5
|| |        ||   "LocationID" = 0x54503564
|| |        ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |        ||   "ProductID" = 0x0
|| |        ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |        ||   "Built-In" = Yes
|| |        ||   "ReportInterval" = 0x0
|| |        ||   "HIDServiceSupport" = Yes
|| |        ||   "PrimaryUsagePage" = 0xff00
|| |        ||   "VendorIDSource" = 0x0
|| |        ||   "QueueSize" = 0x0
|| |        || }
|| |        ||
|| |        | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000afa, !registered, !
matched, active, busy 0, retain 6>
|| |        |   {
|| |        |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |        |     "IOUserClientDefaultLocking" = Yes
|| |        |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |        |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        |     "IOUserClientEntitlements" = No
|| |        |     "DebugState" = {}
|| |        |   }
|| |        |
|| |        +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x10000041c, registered, matched,
active, busy 0 (187 ms), retain 8>
```

```
|| |      || {
|| |      ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |      ||   "VendorID" = 0x0
|| |      ||   "CountryCode" = 0x0
|| |      ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |      ||   "Product" = "PMU tdev6"
|| |      ||   "VersionNumber" = 0x0
|| |      ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |      ||   "PrimaryUsage" = 0x5
|| |      ||   "LocationID" = 0x54503664
|| |      ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |      ||   "ProductID" = 0x0
|| |      ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |      ||   "Built-In" = Yes
|| |      ||   "ReportInterval" = 0x0
|| |      ||   "HIDServiceSupport" = Yes
|| |      ||   "PrimaryUsagePage" = 0xff00
|| |      ||   "VendorIDSource" = 0x0
|| |      ||   "QueueSize" = 0x0
|| |      || }
|| |      ||
|| |      | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000af9, !registered, !
matched, active, busy 0, retain 6>
|| |      |   {
|| |      |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |      |     "IOUserClientDefaultLocking" = Yes
|| |      |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |      |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |      |     "IOUserClientEntitlements" = No
|| |      |     "DebugState" = {}
|| |      |   }
|| |      |
|| |      +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x10000041d, registered, matched,
active, busy 0 (187 ms), retain 8>
|| |        || {
|| |        ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |        ||   "VendorID" = 0x0
|| |        ||   "CountryCode" = 0x0
|| |        ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |        ||   "Product" = "PMU tdev7"
|| |        ||   "VersionNumber" = 0x0
|| |        ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |        ||   "PrimaryUsage" = 0x5
|| |        ||   "LocationID" = 0x54503764
|| |        ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |        ||   "ProductID" = 0x0
|| |        ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |        ||   "Built-In" = Yes
|| |        ||   "ReportInterval" = 0x0
|| |        ||   "HIDServiceSupport" = Yes
|| |        ||   "PrimaryUsagePage" = 0xff00
|| |        ||   "VendorIDSource" = 0x0
|| |        ||   "QueueSize" = 0x0
|| |        || }
|| |        ||
|| |        | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000af8, !registered, !
matched, active, busy 0, retain 6>
|| |        |   {
|| |        |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |        |     "IOUserClientDefaultLocking" = Yes
|| |        |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |        |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        |     "IOUserClientEntitlements" = No
|| |        |     "DebugState" = {}
|| |        |   }
|| |        |
|| |        +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x10000041e, registered, matched,
active, busy 0 (187 ms), retain 8>
|| |          || {
|| |          ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |          ||   "VendorID" = 0x0
|| |          ||   "CountryCode" = 0x0
|| |          ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |          ||   "Product" = "PMU tdev8"
```

```
|| |        || "VersionNumber" = 0x0
|| |        || "IOGeneralInterest" = "IOCommand is not serializable"
|| |        || "PrimaryUsage" = 0x5
|| |        || "LocationID" = 0x54503864
|| |        || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |        || "ProductID" = 0x0
|| |        || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |        || "Built-In" = Yes
|| |        || "ReportInterval" = 0x0
|| |        || "HIDServiceSupport" = Yes
|| |        || "PrimaryUsagePage" = 0xff00
|| |        || "VendorIDSource" = 0x0
|| |        || "QueueSize" = 0x0
|| |        ||}
|| |        ||
|| |        +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000af7, !registered, !
matched, active, busy 0, retain 6>
|| |        |   {
|| |        |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |        |     "IOUserClientDefaultLocking" = Yes
|| |        |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |        |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        |     "IOUserClientEntitlements" = No
|| |        |     "DebugState" = {}
|| |        |   }
|| |        |
|| |        +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x10000041f, registered, matched,
active, busy 0 (212 ms), retain 8>
|| |        ||{
|| |        || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |        || "VendorID" = 0x0
|| |        || "CountryCode" = 0x0
|| |        || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |        || "Product" = "PMU tdie1"
|| |        || "VersionNumber" = 0x0
|| |        || "IOGeneralInterest" = "IOCommand is not serializable"
|| |        || "PrimaryUsage" = 0x5
|| |        || "LocationID" = 0x5450316c
|| |        || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |        || "ProductID" = 0x0
|| |        || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |        || "Built-In" = Yes
|| |        || "ReportInterval" = 0x0
|| |        || "HIDServiceSupport" = Yes
|| |        || "PrimaryUsagePage" = 0xff00
|| |        || "VendorIDSource" = 0x0
|| |        || "QueueSize" = 0x0
|| |        ||}
|| |        ||
|| |        +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000af6, !registered, !
matched, active, busy 0, retain 6>
|| |        |   {
|| |        |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |        |     "IOUserClientDefaultLocking" = Yes
|| |        |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |        |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        |     "IOUserClientEntitlements" = No
|| |        |     "DebugState" = {}
|| |        |   }
|| |        |
|| |        +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x100000420, registered, matched,
active, busy 0 (189 ms), retain 8>
|| |        ||{
|| |        || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |        || "VendorID" = 0x0
|| |        || "CountryCode" = 0x0
|| |        || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |        || "Product" = "PMU tdie2"
|| |        || "VersionNumber" = 0x0
|| |        || "IOGeneralInterest" = "IOCommand is not serializable"
|| |        || "PrimaryUsage" = 0x5
|| |        || "LocationID" = 0x54503262
|| |        || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
```

{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
    || | || "ProductID" = 0x0
    || | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    || | || "Built-In" = Yes
    || | || "ReportInterval" = 0x0
    || | || "HIDServiceSupport" = Yes
    || | || "PrimaryUsagePage" = 0xff00
    || | || "VendorIDSource" = 0x0
    || | || "QueueSize" = 0x0
    || | ||}
    || | ||
    || | |+-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000af5, !registered, !
matched, active, busy 0, retain 6>
    || | | {
    || | | "IOUserClientDefaultLockingSetProperties" = Yes
    || | | "IOUserClientDefaultLocking" = Yes
    || | | "IOUserClientCreator" = "pid 385, WindowServer"
    || | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || | | "IOUserClientEntitlements" = No
    || | | "DebugState" = {}
    || | | }
    || | |
    || | +-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x100000421, registered, matched,
active, busy 0 (185 ms), retain 8>
    || | ||{
    || | || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || | || "VendorID" = 0x0
    || | || "CountryCode" = 0x0
    || | || "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || | || "Product" = "PMU TP3w"
    || | || "VersionNumber" = 0x0
    || | || "IOGeneralInterest" = "IOCommand is not serializable"
    || | || "PrimaryUsage" = 0x5
    || | || "LocationID" = 0x54503377
    || | || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
    || | || "ProductID" = 0x0
    || | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    || | || "Built-In" = Yes
    || | || "ReportInterval" = 0x0
    || | || "HIDServiceSupport" = Yes
    || | || "PrimaryUsagePage" = 0xff00
    || | || "VendorIDSource" = 0x0
    || | || "QueueSize" = 0x0
    || | ||}
    || | ||
    || | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000af4, !registered, !
matched, active, busy 0, retain 6>
    || | | {
    || | | "IOUserClientDefaultLockingSetProperties" = Yes
    || | | "IOUserClientDefaultLocking" = Yes
    || | | "IOUserClientCreator" = "pid 385, WindowServer"
    || | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || | | "IOUserClientEntitlements" = No
    || | | "DebugState" = {}
    || | | }
    || | |
    || | +-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x10000042d, registered, matched,
active, busy 0 (197 ms), retain 8>
    || | ||{
    || | || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || | || "VendorID" = 0x0
    || | || "CountryCode" = 0x0
    || | || "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || | || "Product" = "PMU tdie4"
    || | || "VersionNumber" = 0x0
    || | || "IOGeneralInterest" = "IOCommand is not serializable"
    || | || "PrimaryUsage" = 0x5
    || | || "LocationID" = 0x54503462
    || | || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
    || | || "ProductID" = 0x0
    || | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    || | || "Built-In" = Yes
    || | || "ReportInterval" = 0x0
    || | || "HIDServiceSupport" = Yes
    || | || "PrimaryUsagePage" = 0xff00

```
|| |      || "VendorIDSource" = 0x0
|| |      || "QueueSize" = 0x0
|| |      ||}
|| |      ||
|| |      |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000af3, !registered, !
matched, active, busy 0, retain 6>
|| |      |  {
|| |      |    "IOUserClientDefaultLockingSetProperties" = Yes
|| |      |    "IOUserClientDefaultLocking" = Yes
|| |      |    "IOUserClientCreator" = "pid 385, WindowServer"
|| |      |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |      |    "IOUserClientEntitlements" = No
|| |      |    "DebugState" = {}
|| |      |  }
|| |      |
|| |      +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x10000043f, registered, matched,
active, busy 0 (187 ms), retain 8>
|| |      ||{
|| |      || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |      || "VendorID" = 0x0
|| |      || "CountryCode" = 0x0
|| |      || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |      || "Product" = "PMU tdie5"
|| |      || "VersionNumber" = 0x0
|| |      || "IOGeneralInterest" = "IOCommand is not serializable"
|| |      || "PrimaryUsage" = 0x5
|| |      || "LocationID" = 0x54503562
|| |      || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |      || "ProductID" = 0x0
|| |      || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |      || "Built-In" = Yes
|| |      || "ReportInterval" = 0x0
|| |      || "HIDServiceSupport" = Yes
|| |      || "PrimaryUsagePage" = 0xff00
|| |      || "VendorIDSource" = 0x0
|| |      || "QueueSize" = 0x0
|| |      ||}
|| |      ||
|| |      |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000af2, !registered, !
matched, active, busy 0, retain 6>
|| |      |  {
|| |      |    "IOUserClientDefaultLockingSetProperties" = Yes
|| |      |    "IOUserClientDefaultLocking" = Yes
|| |      |    "IOUserClientCreator" = "pid 385, WindowServer"
|| |      |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |      |    "IOUserClientEntitlements" = No
|| |      |    "DebugState" = {}
|| |      |  }
|| |      |
|| |      +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x10000044f, registered, matched,
active, busy 0 (192 ms), retain 8>
|| |      ||{
|| |      || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |      || "VendorID" = 0x0
|| |      || "CountryCode" = 0x0
|| |      || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |      || "Product" = "PMU tdie6"
|| |      || "VersionNumber" = 0x0
|| |      || "IOGeneralInterest" = "IOCommand is not serializable"
|| |      || "PrimaryUsage" = 0x5
|| |      || "LocationID" = 0x54503662
|| |      || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |      || "ProductID" = 0x0
|| |      || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |      || "Built-In" = Yes
|| |      || "ReportInterval" = 0x0
|| |      || "HIDServiceSupport" = Yes
|| |      || "PrimaryUsagePage" = 0xff00
|| |      || "VendorIDSource" = 0x0
|| |      || "QueueSize" = 0x0
|| |      ||}
|| |      ||
|| |      |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000af1, !registered, !
matched, active, busy 0, retain 6>
|| |      |  {
|| |      |    "IOUserClientDefaultLockingSetProperties" = Yes
```

```
|| |       |      "IOUserClientDefaultLocking" = Yes
|| |       |      "IOUserClientCreator" = "pid 385, WindowServer"
|| |       |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |       |      "IOUserClientEntitlements" = No
|| |       |      "DebugState" = {}
|| |       |    }
|| |       |
|| |       +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x100000452, registered, matched,
active, busy 0 (234 ms), retain 8>
|| |       || {
|| |       ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |       ||   "VendorID" = 0x0
|| |       ||   "CountryCode" = 0x0
|| |       ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |       ||   "Product" = "PMU tdie7"
|| |       ||   "VersionNumber" = 0x0
|| |       ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |       ||   "PrimaryUsage" = 0x5
|| |       ||   "LocationID" = 0x54503762
|| |       ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |       ||   "ProductID" = 0x0
|| |       ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |       ||   "Built-In" = Yes
|| |       ||   "ReportInterval" = 0x0
|| |       ||   "HIDServiceSupport" = Yes
|| |       ||   "PrimaryUsagePage" = 0xff00
|| |       ||   "VendorIDSource" = 0x0
|| |       ||   "QueueSize" = 0x0
|| |       || }
|| |       ||
|| |       | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000af0, !registered, !
matched, active, busy 0, retain 6>
|| |       |   {
|| |       |      "IOUserClientDefaultLockingSetProperties" = Yes
|| |       |      "IOUserClientDefaultLocking" = Yes
|| |       |      "IOUserClientCreator" = "pid 385, WindowServer"
|| |       |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |       |      "IOUserClientEntitlements" = No
|| |       |      "DebugState" = {}
|| |       |    }
|| |       |
|| |       +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x100000466, registered, matched,
active, busy 0 (198 ms), retain 8>
|| |       || {
|| |       ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |       ||   "VendorID" = 0x0
|| |       ||   "CountryCode" = 0x0
|| |       ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |       ||   "Product" = "PMU tdie8"
|| |       ||   "VersionNumber" = 0x0
|| |       ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |       ||   "PrimaryUsage" = 0x5
|| |       ||   "LocationID" = 0x54503862
|| |       ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |       ||   "ProductID" = 0x0
|| |       ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |       ||   "Built-In" = Yes
|| |       ||   "ReportInterval" = 0x0
|| |       ||   "HIDServiceSupport" = Yes
|| |       ||   "PrimaryUsagePage" = 0xff00
|| |       ||   "VendorIDSource" = 0x0
|| |       ||   "QueueSize" = 0x0
|| |       || }
|| |       ||
|| |       | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000aef, !registered, !
matched, active, busy 0, retain 6>
|| |       |   {
|| |       |      "IOUserClientDefaultLockingSetProperties" = Yes
|| |       |      "IOUserClientDefaultLocking" = Yes
|| |       |      "IOUserClientCreator" = "pid 385, WindowServer"
|| |       |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |       |      "IOUserClientEntitlements" = No
|| |       |      "DebugState" = {}
|| |       |    }
|| |       |
|| |       +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x100000471, registered, matched,
```

```
active, busy 0 (203 ms), retain 8>
    || |        || {
    || |        ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || |        ||   "VendorID" = 0x0
    || |        ||   "CountryCode" = 0x0
    || |        ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || |        ||   "Product" = "PMU vbuck0"
    || |        ||   "VersionNumber" = 0x0
    || |        ||   "IOGeneralInterest" = "IOCommand is not serializable"
    || |        ||   "PrimaryUsage" = 0x3
    || |        ||   "LocationID" = 0x56503062
    || |        ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
    || |        ||   "ProductID" = 0x0
    || |        ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
    || |        ||   "Built-In" = Yes
    || |        ||   "ReportInterval" = 0x0
    || |        ||   "HIDServiceSupport" = Yes
    || |        ||   "PrimaryUsagePage" = 0xff08
    || |        ||   "VendorIDSource" = 0x0
    || |        ||   "QueueSize" = 0x0
    || |        || }
    || |        ||
    || |        | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b49, !registered, !
matched, active, busy 0, retain 6>
    || |        |   {
    || |        |     "IOUserClientDefaultLockingSetProperties" = Yes
    || |        |     "IOUserClientDefaultLocking" = Yes
    || |        |     "IOUserClientCreator" = "pid 385, WindowServer"
    || |        |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || |        |     "IOUserClientEntitlements" = No
    || |        |     "DebugState" = {}
    || |        |   }
    || |        |
    || |        +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x100000472, registered, matched,
active, busy 0 (202 ms), retain 8>
    || |        || {
    || |        ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || |        ||   "VendorID" = 0x0
    || |        ||   "CountryCode" = 0x0
    || |        ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || |        ||   "Product" = "PMU vbuck1"
    || |        ||   "VersionNumber" = 0x0
    || |        ||   "IOGeneralInterest" = "IOCommand is not serializable"
    || |        ||   "PrimaryUsage" = 0x3
    || |        ||   "LocationID" = 0x56503162
    || |        ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
    || |        ||   "ProductID" = 0x0
    || |        ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
    || |        ||   "Built-In" = Yes
    || |        ||   "ReportInterval" = 0x0
    || |        ||   "HIDServiceSupport" = Yes
    || |        ||   "PrimaryUsagePage" = 0xff08
    || |        ||   "VendorIDSource" = 0x0
    || |        ||   "QueueSize" = 0x0
    || |        || }
    || |        ||
    || |        | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b48, !registered, !
matched, active, busy 0, retain 6>
    || |        |   {
    || |        |     "IOUserClientDefaultLockingSetProperties" = Yes
    || |        |     "IOUserClientDefaultLocking" = Yes
    || |        |     "IOUserClientCreator" = "pid 385, WindowServer"
    || |        |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || |        |     "IOUserClientEntitlements" = No
    || |        |     "DebugState" = {}
    || |        |   }
    || |        |
    || |        +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x100000488, registered, matched,
active, busy 0 (209 ms), retain 8>
    || |        || {
    || |        ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || |        ||   "VendorID" = 0x0
    || |        ||   "CountryCode" = 0x0
    || |        ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
```

```
|| |      || "Product" = "PMU vbuck2"
|| |      || "VersionNumber" = 0x0
|| |      || "IOGeneralInterest" = "IOCommand is not serializable"
|| |      || "PrimaryUsage" = 0x3
|| |      || "LocationID" = 0x56503262
|| |      || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |      || "ProductID" = 0x0
|| |      || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |      || "Built-In" = Yes
|| |      || "ReportInterval" = 0x0
|| |      || "HIDServiceSupport" = Yes
|| |      || "PrimaryUsagePage" = 0xff08
|| |      || "VendorIDSource" = 0x0
|| |      || "QueueSize" = 0x0
|| |      ||}
|| |      ||
|| |      |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b47, !registered, !
matched, active, busy 0, retain 6>
|| |      |  {
|| |      |    "IOUserClientDefaultLockingSetProperties" = Yes
|| |      |    "IOUserClientDefaultLocking" = Yes
|| |      |    "IOUserClientCreator" = "pid 385, WindowServer"
|| |      |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |      |    "IOUserClientEntitlements" = No
|| |      |    "DebugState" = {}
|| |      |  }
|| |      |
|| |      +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x10000049c, registered, matched,
active, busy 0 (227 ms), retain 8>
|| |         ||{
|| |         || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |         || "VendorID" = 0x0
|| |         || "CountryCode" = 0x0
|| |         || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |         || "Product" = "PMU vbuck3"
|| |         || "VersionNumber" = 0x0
|| |         || "IOGeneralInterest" = "IOCommand is not serializable"
|| |         || "PrimaryUsage" = 0x3
|| |         || "LocationID" = 0x56503362
|| |         || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |         || "ProductID" = 0x0
|| |         || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |         || "Built-In" = Yes
|| |         || "ReportInterval" = 0x0
|| |         || "HIDServiceSupport" = Yes
|| |         || "PrimaryUsagePage" = 0xff08
|| |         || "VendorIDSource" = 0x0
|| |         || "QueueSize" = 0x0
|| |         ||}
|| |         ||
|| |         |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b46, !registered, !
matched, active, busy 0, retain 6>
|| |         |  {
|| |         |    "IOUserClientDefaultLockingSetProperties" = Yes
|| |         |    "IOUserClientDefaultLocking" = Yes
|| |         |    "IOUserClientCreator" = "pid 385, WindowServer"
|| |         |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |         |    "IOUserClientEntitlements" = No
|| |         |    "DebugState" = {}
|| |         |  }
|| |         |
|| |         +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x10000049d, registered, matched,
active, busy 0 (231 ms), retain 8>
|| |            ||{
|| |            || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |            || "VendorID" = 0x0
|| |            || "CountryCode" = 0x0
|| |            || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |            || "Product" = "PMU vbuck7"
|| |            || "VersionNumber" = 0x0
|| |            || "IOGeneralInterest" = "IOCommand is not serializable"
|| |            || "PrimaryUsage" = 0x3
|| |            || "LocationID" = 0x56503762
|| |            || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
```

=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
      || | || "ProductID" = 0x0
      || | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
      || | || "Built-In" = Yes
      || | || "ReportInterval" = 0x0
      || | || "HIDServiceSupport" = Yes
      || | || "PrimaryUsagePage" = 0xff08
      || | || "VendorIDSource" = 0x0
      || | || "QueueSize" = 0x0
      || | || }
      || | ||
      || | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b45, !registered, !
matched, active, busy 0, retain 6>
      || | | {
      || | | "IOUserClientDefaultLockingSetProperties" = Yes
      || | | "IOUserClientDefaultLocking" = Yes
      || | | "IOUserClientCreator" = "pid 385, WindowServer"
      || | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
      || | | "IOUserClientEntitlements" = No
      || | | "DebugState" = {}
      || | | }
      || | |
      || | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000049e, registered, matched,
active, busy 0 (198 ms), retain 8>
      || | ||{
      || | || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
      || | || "VendorID" = 0x0
      || | || "CountryCode" = 0x0
      || | || "IOUserClientClass" = "IOHIDEventServiceUserClient"
      || | || "Product" = "PMU vbuck8"
      || | || "VersionNumber" = 0x0
      || | || "IOGeneralInterest" = "IOCommand is not serializable"
      || | || "PrimaryUsage" = 0x3
      || | || "LocationID" = 0x56503862
      || | || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
      || | || "ProductID" = 0x0
      || | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
      || | || "Built-In" = Yes
      || | || "ReportInterval" = 0x0
      || | || "HIDServiceSupport" = Yes
      || | || "PrimaryUsagePage" = 0xff08
      || | || "VendorIDSource" = 0x0
      || | || "QueueSize" = 0x0
      || | ||}
      || | ||
      || | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b44, !registered, !
matched, active, busy 0, retain 6>
      || | | {
      || | | "IOUserClientDefaultLockingSetProperties" = Yes
      || | | "IOUserClientDefaultLocking" = Yes
      || | | "IOUserClientCreator" = "pid 385, WindowServer"
      || | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
      || | | "IOUserClientEntitlements" = No
      || | | "DebugState" = {}
      || | | }
      || | |
      || | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000049f, registered, matched,
active, busy 0 (208 ms), retain 8>
      || | ||{
      || | || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
      || | || "VendorID" = 0x0
      || | || "CountryCode" = 0x0
      || | || "IOUserClientClass" = "IOHIDEventServiceUserClient"
      || | || "Product" = "PMU vbuck9"
      || | || "VersionNumber" = 0x0
      || | || "IOGeneralInterest" = "IOCommand is not serializable"
      || | || "PrimaryUsage" = 0x3
      || | || "LocationID" = 0x56503962
      || | || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
      || | || "ProductID" = 0x0
      || | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
      || | || "Built-In" = Yes
      || | || "ReportInterval" = 0x0
      || | || "HIDServiceSupport" = Yes

```
|| |      || "PrimaryUsagePage" = 0xff08
|| |      || "VendorIDSource" = 0x0
|| |      || "QueueSize" = 0x0
|| |      ||}
|| |      ||
|| |      |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b43, !registered, !
matched, active, busy 0, retain 6>
|| |      |   {
|| |      |    "IOUserClientDefaultLockingSetProperties" = Yes
|| |      |    "IOUserClientDefaultLocking" = Yes
|| |      |    "IOUserClientCreator" = "pid 385, WindowServer"
|| |      |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |      |    "IOUserClientEntitlements" = No
|| |      |    "DebugState" = {}
|| |      |   }
|| |      |
|| |      +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000004a0, registered, matched,
active, busy 0 (208 ms), retain 8>
|| |         ||{
|| |         || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |         || "VendorID" = 0x0
|| |         || "CountryCode" = 0x0
|| |         || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |         || "Product" = "PMU vbuck11"
|| |         || "VersionNumber" = 0x0
|| |         || "IOGeneralInterest" = "IOCommand is not serializable"
|| |         || "PrimaryUsage" = 0x3
|| |         || "LocationID" = 0x56506262
|| |         || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |         || "ProductID" = 0x0
|| |         || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |         || "Built-In" = Yes
|| |         || "ReportInterval" = 0x0
|| |         || "HIDServiceSupport" = Yes
|| |         || "PrimaryUsagePage" = 0xff08
|| |         || "VendorIDSource" = 0x0
|| |         || "QueueSize" = 0x0
|| |         ||}
|| |         ||
|| |         |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b42, !registered, !
matched, active, busy 0, retain 6>
|| |         |   {
|| |         |    "IOUserClientDefaultLockingSetProperties" = Yes
|| |         |    "IOUserClientDefaultLocking" = Yes
|| |         |    "IOUserClientCreator" = "pid 385, WindowServer"
|| |         |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |         |    "IOUserClientEntitlements" = No
|| |         |    "DebugState" = {}
|| |         |   }
|| |         |
|| |         +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000004a1, registered, matched,
active, busy 0 (196 ms), retain 8>
|| |            ||{
|| |            || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |            || "VendorID" = 0x0
|| |            || "CountryCode" = 0x0
|| |            || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |            || "Product" = "PMU vbuck14"
|| |            || "VersionNumber" = 0x0
|| |            || "IOGeneralInterest" = "IOCommand is not serializable"
|| |            || "PrimaryUsage" = 0x3
|| |            || "LocationID" = 0x56506562
|| |            || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |            || "ProductID" = 0x0
|| |            || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |            || "Built-In" = Yes
|| |            || "ReportInterval" = 0x0
|| |            || "HIDServiceSupport" = Yes
|| |            || "PrimaryUsagePage" = 0xff08
|| |            || "VendorIDSource" = 0x0
|| |            || "QueueSize" = 0x0
|| |            ||}
|| |            ||
|| |            |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b41, !registered, !
matched, active, busy 0, retain 6>
|| |            |   {
```

```
|| |      |       "IOUserClientDefaultLockingSetProperties" = Yes
|| |      |       "IOUserClientDefaultLocking" = Yes
|| |      |       "IOUserClientCreator" = "pid 385, WindowServer"
|| |      |       "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |      |       "IOUserClientEntitlements" = No
|| |      |       "DebugState" = {}
|| |      |     }
|| |      |
|| |      +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000004a2, registered, matched,
active, busy 0 (219 ms), retain 8>
|| |      ||{
|| |      ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |      ||   "VendorID" = 0x0
|| |      ||   "CountryCode" = 0x0
|| |      ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |      ||   "Product" = "PMU vldo0"
|| |      ||   "VersionNumber" = 0x0
|| |      ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |      ||   "PrimaryUsage" = 0x3
|| |      ||   "LocationID" = 0x5650306c
|| |      ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |      ||   "ProductID" = 0x0
|| |      ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |      ||   "Built-In" = Yes
|| |      ||   "ReportInterval" = 0x0
|| |      ||   "HIDServiceSupport" = Yes
|| |      ||   "PrimaryUsagePage" = 0xff08
|| |      ||   "VendorIDSource" = 0x0
|| |      ||   "QueueSize" = 0x0
|| |      ||}
|| |      ||
|| |      +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b40, !registered, !
matched, active, busy 0, retain 6>
|| |      |    {
|| |      |       "IOUserClientDefaultLockingSetProperties" = Yes
|| |      |       "IOUserClientDefaultLocking" = Yes
|| |      |       "IOUserClientCreator" = "pid 385, WindowServer"
|| |      |       "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |      |       "IOUserClientEntitlements" = No
|| |      |       "DebugState" = {}
|| |      |     }
|| |      |
|| |      +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000004a3, registered, matched,
active, busy 0 (191 ms), retain 8>
|| |      ||{
|| |      ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |      ||   "VendorID" = 0x0
|| |      ||   "CountryCode" = 0x0
|| |      ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |      ||   "Product" = "PMU vldo1"
|| |      ||   "VersionNumber" = 0x0
|| |      ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |      ||   "PrimaryUsage" = 0x3
|| |      ||   "LocationID" = 0x5650316c
|| |      ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"=
0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |      ||   "ProductID" = 0x0
|| |      ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |      ||   "Built-In" = Yes
|| |      ||   "ReportInterval" = 0x0
|| |      ||   "HIDServiceSupport" = Yes
|| |      ||   "PrimaryUsagePage" = 0xff08
|| |      ||   "VendorIDSource" = 0x0
|| |      ||   "QueueSize" = 0x0
|| |      ||}
|| |      ||
|| |      +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b3f, !registered, !
matched, active, busy 0, retain 6>
|| |      |    {
|| |      |       "IOUserClientDefaultLockingSetProperties" = Yes
|| |      |       "IOUserClientDefaultLocking" = Yes
|| |      |       "IOUserClientCreator" = "pid 385, WindowServer"
|| |      |       "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |      |       "IOUserClientEntitlements" = No
|| |      |       "DebugState" = {}
|| |      |     }
|| |      |
```

```
|| |       +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000004a4, registered, matched,
active, busy 0 (190 ms), retain 8>
|| |       || {
|| |       ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |       ||   "VendorID" = 0x0
|| |       ||   "CountryCode" = 0x0
|| |       ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |       ||   "Product" = "PMU vldo2"
|| |       ||   "VersionNumber" = 0x0
|| |       ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |       ||   "PrimaryUsage" = 0x3
|| |       ||   "LocationID" = 0x5650326c
|| |       ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |       ||   "ProductID" = 0x0
|| |       ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |       ||   "Built-In" = Yes
|| |       ||   "ReportInterval" = 0x0
|| |       ||   "HIDServiceSupport" = Yes
|| |       ||   "PrimaryUsagePage" = 0xff08
|| |       ||   "VendorIDSource" = 0x0
|| |       ||   "QueueSize" = 0x0
|| |       || }
|| |       ||
|| |       |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b3e, !registered, !
matched, active, busy 0, retain 6>
|| |       |    {
|| |       |      "IOUserClientDefaultLockingSetProperties" = Yes
|| |       |      "IOUserClientDefaultLocking" = Yes
|| |       |      "IOUserClientCreator" = "pid 385, WindowServer"
|| |       |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |       |      "IOUserClientEntitlements" = No
|| |       |      "DebugState" = {}
|| |       |    }
|| |       |
|| |       +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000004a5, registered, matched,
active, busy 0 (191 ms), retain 8>
|| |       || {
|| |       ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |       ||   "VendorID" = 0x0
|| |       ||   "CountryCode" = 0x0
|| |       ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |       ||   "Product" = "PMU vldo3"
|| |       ||   "VersionNumber" = 0x0
|| |       ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |       ||   "PrimaryUsage" = 0x3
|| |       ||   "LocationID" = 0x5650336c
|| |       ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |       ||   "ProductID" = 0x0
|| |       ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |       ||   "Built-In" = Yes
|| |       ||   "ReportInterval" = 0x0
|| |       ||   "HIDServiceSupport" = Yes
|| |       ||   "PrimaryUsagePage" = 0xff08
|| |       ||   "VendorIDSource" = 0x0
|| |       ||   "QueueSize" = 0x0
|| |       || }
|| |       ||
|| |       |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b3d, !registered, !
matched, active, busy 0, retain 6>
|| |       |    {
|| |       |      "IOUserClientDefaultLockingSetProperties" = Yes
|| |       |      "IOUserClientDefaultLocking" = Yes
|| |       |      "IOUserClientCreator" = "pid 385, WindowServer"
|| |       |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |       |      "IOUserClientEntitlements" = No
|| |       |      "DebugState" = {}
|| |       |    }
|| |       |
|| |       +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000004a6, registered, matched,
active, busy 0 (209 ms), retain 8>
|| |       || {
|| |       ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |       ||   "VendorID" = 0x0
|| |       ||   "CountryCode" = 0x0
```

```
|| |      ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |      ||   "Product" = "PMU vldo5"
|| |      ||   "VersionNumber" = 0x0
|| |      ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |      ||   "PrimaryUsage" = 0x3
|| |      ||   "LocationID" = 0x5650356c
|| |      ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |      ||   "ProductID" = 0x0
|| |      ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |      ||   "Built-In" = Yes
|| |      ||   "ReportInterval" = 0x0
|| |      ||   "HIDServiceSupport" = Yes
|| |      ||   "PrimaryUsagePage" = 0xff08
|| |      ||   "VendorIDSource" = 0x0
|| |      ||   "QueueSize" = 0x0
|| |      ||}
|| |      ||
|| |      | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b3c, !registered, !
matched, active, busy 0, retain 6>
|| |      |   {
|| |      |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |      |     "IOUserClientDefaultLocking" = Yes
|| |      |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |      |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |      |     "IOUserClientEntitlements" = No
|| |      |     "DebugState" = {}
|| |      |   }
|| |      |
|| |      +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000004a7, registered, matched,
active, busy 0 (225 ms), retain 8>
|| |      ||{
|| |      ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |      ||   "VendorID" = 0x0
|| |      ||   "CountryCode" = 0x0
|| |      ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |      ||   "Product" = "PMU vldo7"
|| |      ||   "VersionNumber" = 0x0
|| |      ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |      ||   "PrimaryUsage" = 0x3
|| |      ||   "LocationID" = 0x5650376c
|| |      ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |      ||   "ProductID" = 0x0
|| |      ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |      ||   "Built-In" = Yes
|| |      ||   "ReportInterval" = 0x0
|| |      ||   "HIDServiceSupport" = Yes
|| |      ||   "PrimaryUsagePage" = 0xff08
|| |      ||   "VendorIDSource" = 0x0
|| |      ||   "QueueSize" = 0x0
|| |      ||}
|| |      ||
|| |      | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b3b, !registered, !
matched, active, busy 0, retain 6>
|| |      |   {
|| |      |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |      |     "IOUserClientDefaultLocking" = Yes
|| |      |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |      |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |      |     "IOUserClientEntitlements" = No
|| |      |     "DebugState" = {}
|| |      |   }
|| |      |
|| |      +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000004a8, registered, matched,
active, busy 0 (204 ms), retain 8>
|| |      ||{
|| |      ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |      ||   "VendorID" = 0x0
|| |      ||   "CountryCode" = 0x0
|| |      ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |      ||   "Product" = "PMU vldo9"
|| |      ||   "VersionNumber" = 0x0
|| |      ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |      ||   "PrimaryUsage" = 0x3
|| |      ||   "LocationID" = 0x5650396c
|| |      ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
```

,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
    || | || "ProductID" = 0x0
    || | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
    || | || "Built-In" = Yes
    || | || "ReportInterval" = 0x0
    || | || "HIDServiceSupport" = Yes
    || | || "PrimaryUsagePage" = 0xff08
    || | || "VendorIDSource" = 0x0
    || | || "QueueSize" = 0x0
    || | || }
    || | ||
    || | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b3a, !registered, !
matched, active, busy 0, retain 6>
    || | | {
    || | | "IOUserClientDefaultLockingSetProperties" = Yes
    || | | "IOUserClientDefaultLocking" = Yes
    || | | "IOUserClientCreator" = "pid 385, WindowServer"
    || | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || | | "IOUserClientEntitlements" = No
    || | | "DebugState" = {}
    || | | }
    || | |
    || | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x1000004a9, registered, matched,
active, busy 0 (191 ms), retain 8>
    || | || {
    || | || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || | || "VendorID" = 0x0
    || | || "CountryCode" = 0x0
    || | || "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || | || "Product" = "PMU vldo10"
    || | || "VersionNumber" = 0x0
    || | || "IOGeneralInterest" = "IOCommand is not serializable"
    || | || "PrimaryUsage" = 0x3
    || | || "LocationID" = 0x5650616c
    || | || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
    || | || "ProductID" = 0x0
    || | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
    || | || "Built-In" = Yes
    || | || "ReportInterval" = 0x0
    || | || "HIDServiceSupport" = Yes
    || | || "PrimaryUsagePage" = 0xff08
    || | || "VendorIDSource" = 0x0
    || | || "QueueSize" = 0x0
    || | || }
    || | ||
    || | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b39, !registered, !
matched, active, busy 0, retain 6>
    || | | {
    || | | "IOUserClientDefaultLockingSetProperties" = Yes
    || | | "IOUserClientDefaultLocking" = Yes
    || | | "IOUserClientCreator" = "pid 385, WindowServer"
    || | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || | | "IOUserClientEntitlements" = No
    || | | "DebugState" = {}
    || | | }
    || | |
    || | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x1000004aa, registered, matched,
active, busy 0 (190 ms), retain 8>
    || | || {
    || | || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || | || "VendorID" = 0x0
    || | || "CountryCode" = 0x0
    || | || "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || | || "Product" = "PMU vldo13"
    || | || "VersionNumber" = 0x0
    || | || "IOGeneralInterest" = "IOCommand is not serializable"
    || | || "PrimaryUsage" = 0x3
    || | || "LocationID" = 0x5650646c
    || | || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
    || | || "ProductID" = 0x0
    || | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
    || | || "Built-In" = Yes
    || | || "ReportInterval" = 0x0

```
|| |        || "HIDServiceSupport" = Yes
|| |        || "PrimaryUsagePage" = 0xff08
|| |        || "VendorIDSource" = 0x0
|| |        || "QueueSize" = 0x0
|| |        || }
|| |        ||
|| |        | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b38, !registered, !
matched, active, busy 0, retain 6>
|| |        |   {
|| |        |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |        |     "IOUserClientDefaultLocking" = Yes
|| |        |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |        |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        |     "IOUserClientEntitlements" = No
|| |        |     "DebugState" = {}
|| |        |   }
|| |        +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000004ab, registered, matched,
active, busy 0 (178 ms), retain 8>
|| |        || {
|| |        || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |        || "VendorID" = 0x0
|| |        || "CountryCode" = 0x0
|| |        || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |        || "Product" = "PMU vldo14"
|| |        || "VersionNumber" = 0x0
|| |        || "IOGeneralInterest" = "IOCommand is not serializable"
|| |        || "PrimaryUsage" = 0x3
|| |        || "LocationID" = 0x5650656c
|| |        || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |        || "ProductID" = 0x0
|| |        || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |        || "Built-In" = Yes
|| |        || "ReportInterval" = 0x0
|| |        || "HIDServiceSupport" = Yes
|| |        || "PrimaryUsagePage" = 0xff08
|| |        || "VendorIDSource" = 0x0
|| |        || "QueueSize" = 0x0
|| |        || }
|| |        ||
|| |        | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b37, !registered, !
matched, active, busy 0, retain 6>
|| |        |   {
|| |        |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |        |     "IOUserClientDefaultLocking" = Yes
|| |        |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |        |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        |     "IOUserClientEntitlements" = No
|| |        |     "DebugState" = {}
|| |        |   }
|| |        |
|| |        +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000004af, registered, matched,
active, busy 0 (189 ms), retain 8>
|| |        || {
|| |        || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |        || "VendorID" = 0x0
|| |        || "CountryCode" = 0x0
|| |        || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |        || "Product" = "PMU vldo16"
|| |        || "VersionNumber" = 0x0
|| |        || "IOGeneralInterest" = "IOCommand is not serializable"
|| |        || "PrimaryUsage" = 0x3
|| |        || "LocationID" = 0x5650676c
|| |        || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |        || "ProductID" = 0x0
|| |        || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |        || "Built-In" = Yes
|| |        || "ReportInterval" = 0x0
|| |        || "HIDServiceSupport" = Yes
|| |        || "PrimaryUsagePage" = 0xff08
|| |        || "VendorIDSource" = 0x0
|| |        || "QueueSize" = 0x0
|| |        || }
|| |        ||
|| |        | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b36, !registered, !
matched, active, busy 0, retain 6>
```

```
|| |      |    {
|| |      |      "IOUserClientDefaultLockingSetProperties" = Yes
|| |      |      "IOUserClientDefaultLocking" = Yes
|| |      |      "IOUserClientCreator" = "pid 385, WindowServer"
|| |      |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |      |      "IOUserClientEntitlements" = No
|| |      |      "DebugState" = {}
|| |      |    }
|| |      |
|| |      +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000004b0, registered, matched,
active, busy 0 (200 ms), retain 8>
|| |        || {
|| |        ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |        ||   "VendorID" = 0x0
|| |        ||   "CountryCode" = 0x0
|| |        ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |        ||   "Product" = "PMU vldo19"
|| |        ||   "VersionNumber" = 0x0
|| |        ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |        ||   "PrimaryUsage" = 0x3
|| |        ||   "LocationID" = 0x56506a6c
|| |        ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |        ||   "ProductID" = 0x0
|| |        ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |        ||   "Built-In" = Yes
|| |        ||   "ReportInterval" = 0x0
|| |        ||   "HIDServiceSupport" = Yes
|| |        ||   "PrimaryUsagePage" = 0xff08
|| |        ||   "VendorIDSource" = 0x0
|| |        ||   "QueueSize" = 0x0
|| |        || }
|| |        ||
|| |        | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b35, !registered, !
matched, active, busy 0, retain 6>
|| |        |    {
|| |        |      "IOUserClientDefaultLockingSetProperties" = Yes
|| |        |      "IOUserClientDefaultLocking" = Yes
|| |        |      "IOUserClientCreator" = "pid 385, WindowServer"
|| |        |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        |      "IOUserClientEntitlements" = No
|| |        |      "DebugState" = {}
|| |        |    }
|| |        |
|| |        +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000004b1, registered, matched,
active, busy 0 (200 ms), retain 8>
|| |          || {
|| |          ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |          ||   "VendorID" = 0x0
|| |          ||   "CountryCode" = 0x0
|| |          ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |          ||   "Product" = "PMU ibuck0"
|| |          ||   "VersionNumber" = 0x0
|| |          ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |          ||   "PrimaryUsage" = 0x2
|| |          ||   "LocationID" = 0x49503062
|| |          ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |          ||   "ProductID" = 0x0
|| |          ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| |          ||   "Built-In" = Yes
|| |          ||   "ReportInterval" = 0x0
|| |          ||   "HIDServiceSupport" = Yes
|| |          ||   "PrimaryUsagePage" = 0xff08
|| |          ||   "VendorIDSource" = 0x0
|| |          ||   "QueueSize" = 0x0
|| |          || }
|| |          ||
|| |          | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b34, !registered, !
matched, active, busy 0, retain 6>
|| |          |    {
|| |          |      "IOUserClientDefaultLockingSetProperties" = Yes
|| |          |      "IOUserClientDefaultLocking" = Yes
|| |          |      "IOUserClientCreator" = "pid 385, WindowServer"
|| |          |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |          |      "IOUserClientEntitlements" = No
|| |          |      "DebugState" = {}
|| |          |    }
```

```
  || |     |
  || |         +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000004b2, registered, matched,
active, busy 0 (191 ms), retain 8>
  || |         || {
  || |         ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
  || |         ||   "VendorID" = 0x0
  || |         ||   "CountryCode" = 0x0
  || |         ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
  || |         ||   "Product" = "PMU ibuck1"
  || |         ||   "VersionNumber" = 0x0
  || |         ||   "IOGeneralInterest" = "IOCommand is not serializable"
  || |         ||   "PrimaryUsage" = 0x2
  || |         ||   "LocationID" = 0x49503162
  || |         ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
  || |         ||   "ProductID" = 0x0
  || |         ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
  || |         ||   "Built-In" = Yes
  || |         ||   "ReportInterval" = 0x0
  || |         ||   "HIDServiceSupport" = Yes
  || |         ||   "PrimaryUsagePage" = 0xff08
  || |         ||   "VendorIDSource" = 0x0
  || |         ||   "QueueSize" = 0x0
  || |         || }
  || |         ||
  || |         | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b33, !registered, !
matched, active, busy 0, retain 6>
  || |         |   {
  || |         |     "IOUserClientDefaultLockingSetProperties" = Yes
  || |         |     "IOUserClientDefaultLocking" = Yes
  || |         |     "IOUserClientCreator" = "pid 385, WindowServer"
  || |         |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
  || |         |     "IOUserClientEntitlements" = No
  || |         |     "DebugState" = {}
  || |         |   }
  || |         |
  || |         +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000004b3, registered, matched,
active, busy 0 (188 ms), retain 8>
  || |         || {
  || |         ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
  || |         ||   "VendorID" = 0x0
  || |         ||   "CountryCode" = 0x0
  || |         ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
  || |         ||   "Product" = "PMU ibuck2"
  || |         ||   "VersionNumber" = 0x0
  || |         ||   "IOGeneralInterest" = "IOCommand is not serializable"
  || |         ||   "PrimaryUsage" = 0x2
  || |         ||   "LocationID" = 0x49503262
  || |         ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
  || |         ||   "ProductID" = 0x0
  || |         ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
  || |         ||   "Built-In" = Yes
  || |         ||   "ReportInterval" = 0x0
  || |         ||   "HIDServiceSupport" = Yes
  || |         ||   "PrimaryUsagePage" = 0xff08
  || |         ||   "VendorIDSource" = 0x0
  || |         ||   "QueueSize" = 0x0
  || |         || }
  || |         ||
  || |         | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b32, !registered, !
matched, active, busy 0, retain 6>
  || |         |   {
  || |         |     "IOUserClientDefaultLockingSetProperties" = Yes
  || |         |     "IOUserClientDefaultLocking" = Yes
  || |         |     "IOUserClientCreator" = "pid 385, WindowServer"
  || |         |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
  || |         |     "IOUserClientEntitlements" = No
  || |         |     "DebugState" = {}
  || |         |   }
  || |         |
  || |         +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000004b4, registered, matched,
active, busy 0 (204 ms), retain 8>
  || |         || {
  || |         ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
  || |         ||   "VendorID" = 0x0
```

```
|| |      || "CountryCode" = 0x0
|| |      || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |      || "Product" = "PMU ibuck3"
|| |      || "VersionNumber" = 0x0
|| |      || "IOGeneralInterest" = "IOCommand is not serializable"
|| |      || "PrimaryUsage" = 0x2
|| |      || "LocationID" = 0x49503362
|| |      || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |      || "ProductID" = 0x0
|| |      || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| |      || "Built-In" = Yes
|| |      || "ReportInterval" = 0x0
|| |      || "HIDServiceSupport" = Yes
|| |      || "PrimaryUsagePage" = 0xff08
|| |      || "VendorIDSource" = 0x0
|| |      || "QueueSize" = 0x0
|| |      || }
|| |      ||
|| |      | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b31, !registered, !
matched, active, busy 0, retain 6>
|| |      |   {
|| |      |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |      |     "IOUserClientDefaultLocking" = Yes
|| |      |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |      |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |      |     "IOUserClientEntitlements" = No
|| |      |     "DebugState" = {}
|| |      |   }
|| |      |
|| |      +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000004b5, registered, matched,
active, busy 0 (187 ms), retain 8>
|| |        ||{
|| |        || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |        || "VendorID" = 0x0
|| |        || "CountryCode" = 0x0
|| |        || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |        || "Product" = "PMU ibuck7"
|| |        || "VersionNumber" = 0x0
|| |        || "IOGeneralInterest" = "IOCommand is not serializable"
|| |        || "PrimaryUsage" = 0x2
|| |        || "LocationID" = 0x49503762
|| |        || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |        || "ProductID" = 0x0
|| |        || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| |        || "Built-In" = Yes
|| |        || "ReportInterval" = 0x0
|| |        || "HIDServiceSupport" = Yes
|| |        || "PrimaryUsagePage" = 0xff08
|| |        || "VendorIDSource" = 0x0
|| |        || "QueueSize" = 0x0
|| |        ||}
|| |        ||
|| |        | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b30, !registered, !
matched, active, busy 0, retain 6>
|| |        |   {
|| |        |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |        |     "IOUserClientDefaultLocking" = Yes
|| |        |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |        |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        |     "IOUserClientEntitlements" = No
|| |        |     "DebugState" = {}
|| |        |   }
|| |        |
|| |        +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000004b6, registered, matched,
active, busy 0 (187 ms), retain 8>
|| |          ||{
|| |          || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |          || "VendorID" = 0x0
|| |          || "CountryCode" = 0x0
|| |          || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |          || "Product" = "PMU ibuck8"
|| |          || "VersionNumber" = 0x0
|| |          || "IOGeneralInterest" = "IOCommand is not serializable"
|| |          || "PrimaryUsage" = 0x2
|| |          || "LocationID" = 0x49503862
|| |          || "HIDEventServiceProperties" =
```

{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
      || | || "ProductID" = 0x0
      || | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
      || | || "Built-In" = Yes
      || | || "ReportInterval" = 0x0
      || | || "HIDServiceSupport" = Yes
      || | || "PrimaryUsagePage" = 0xff08
      || | || "VendorIDSource" = 0x0
      || | || "QueueSize" = 0x0
      || | || }
      || | ||
      || | |+-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b2f, !registered, !
matched, active, busy 0, retain 6>
      || | | {
      || | | "IOUserClientDefaultLockingSetProperties" = Yes
      || | | "IOUserClientDefaultLocking" = Yes
      || | | "IOUserClientCreator" = "pid 385, WindowServer"
      || | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
      || | | "IOUserClientEntitlements" = No
      || | | "DebugState" = {}
      || | | }
      || | |
      || | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x1000004b7, registered, matched,
active, busy 0 (180 ms), retain 8>
      || | ||{
      || | || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
      || | || "VendorID" = 0x0
      || | || "CountryCode" = 0x0
      || | || "IOUserClientClass" = "IOHIDEventServiceUserClient"
      || | || "Product" = "PMU ibuck9"
      || | || "VersionNumber" = 0x0
      || | || "IOGeneralInterest" = "IOCommand is not serializable"
      || | || "PrimaryUsage" = 0x2
      || | || "LocationID" = 0x49503962
      || | || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
      || | || "ProductID" = 0x0
      || | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
      || | || "Built-In" = Yes
      || | || "ReportInterval" = 0x0
      || | || "HIDServiceSupport" = Yes
      || | || "PrimaryUsagePage" = 0xff08
      || | || "VendorIDSource" = 0x0
      || | || "QueueSize" = 0x0
      || | ||}
      || | ||
      || | |+-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b2e, !registered, !
matched, active, busy 0, retain 6>
      || | | {
      || | | "IOUserClientDefaultLockingSetProperties" = Yes
      || | | "IOUserClientDefaultLocking" = Yes
      || | | "IOUserClientCreator" = "pid 385, WindowServer"
      || | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
      || | | "IOUserClientEntitlements" = No
      || | | "DebugState" = {}
      || | | }
      || | |
      || | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x1000004b8, registered, matched,
active, busy 0 (186 ms), retain 8>
      || | ||{
      || | || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
      || | || "VendorID" = 0x0
      || | || "CountryCode" = 0x0
      || | || "IOUserClientClass" = "IOHIDEventServiceUserClient"
      || | || "Product" = "PMU ibuck11"
      || | || "VersionNumber" = 0x0
      || | || "IOGeneralInterest" = "IOCommand is not serializable"
      || | || "PrimaryUsage" = 0x2
      || | || "LocationID" = 0x49506262
      || | || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
      || | || "ProductID" = 0x0
      || | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
      || | || "Built-In" = Yes

```
|| |    || "ReportInterval" = 0x0
|| |    || "HIDServiceSupport" = Yes
|| |    || "PrimaryUsagePage" = 0xff08
|| |    || "VendorIDSource" = 0x0
|| |    || "QueueSize" = 0x0
|| |    ||}
|| |    ||
|| |    |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b2d, !registered, !
matched, active, busy 0, retain 6>
|| |    |   {
|| |    |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |    |     "IOUserClientDefaultLocking" = Yes
|| |    |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |    |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |    |     "IOUserClientEntitlements" = No
|| |    |     "DebugState" = {}
|| |    |   }
|| |    |
|| |    +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000004b9, registered, matched,
active, busy 0 (187 ms), retain 8>
|| |       ||{
|| |       || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |       || "VendorID" = 0x0
|| |       || "CountryCode" = 0x0
|| |       || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |       || "Product" = "PMU ibuck14"
|| |       || "VersionNumber" = 0x0
|| |       || "IOGeneralInterest" = "IOCommand is not serializable"
|| |       || "PrimaryUsage" = 0x2
|| |       || "LocationID" = 0x49506562
|| |       || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |       || "ProductID" = 0x0
|| |       || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| |       || "Built-In" = Yes
|| |       || "ReportInterval" = 0x0
|| |       || "HIDServiceSupport" = Yes
|| |       || "PrimaryUsagePage" = 0xff08
|| |       || "VendorIDSource" = 0x0
|| |       || "QueueSize" = 0x0
|| |       ||}
|| |       ||
|| |       |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b2c, !registered, !
matched, active, busy 0, retain 6>
|| |       |   {
|| |       |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |       |     "IOUserClientDefaultLocking" = Yes
|| |       |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |       |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |       |     "IOUserClientEntitlements" = No
|| |       |     "DebugState" = {}
|| |       |   }
|| |       |
|| |       +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000004ba, registered, matched,
active, busy 0 (212 ms), retain 8>
|| |          ||{
|| |          || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |          || "VendorID" = 0x0
|| |          || "CountryCode" = 0x0
|| |          || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |          || "Product" = "PMU ildo0"
|| |          || "VersionNumber" = 0x0
|| |          || "IOGeneralInterest" = "IOCommand is not serializable"
|| |          || "PrimaryUsage" = 0x2
|| |          || "LocationID" = 0x4950306c
|| |          || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |          || "ProductID" = 0x0
|| |          || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| |          || "Built-In" = Yes
|| |          || "ReportInterval" = 0x0
|| |          || "HIDServiceSupport" = Yes
|| |          || "PrimaryUsagePage" = 0xff08
|| |          || "VendorIDSource" = 0x0
|| |          || "QueueSize" = 0x0
|| |          ||}
|| |          ||
|| |          |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b2b, !registered, !
```

```
matched, active, busy 0, retain 6>
    || |        |   {
    || |        |     "IOUserClientDefaultLockingSetProperties" = Yes
    || |        |     "IOUserClientDefaultLocking" = Yes
    || |        |     "IOUserClientCreator" = "pid 385, WindowServer"
    || |        |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || |        |     "IOUserClientEntitlements" = No
    || |        |     "DebugState" = {}
    || |        |   }
    || |        |
    || |        +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000004bb, registered, matched,
active, busy 0 (179 ms), retain 8>
    || |        || {
    || |        ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || |        ||   "VendorID" = 0x0
    || |        ||   "CountryCode" = 0x0
    || |        ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || |        ||   "Product" = "PMU ildo1"
    || |        ||   "VersionNumber" = 0x0
    || |        ||   "IOGeneralInterest" = "IOCommand is not serializable"
    || |        ||   "PrimaryUsage" = 0x2
    || |        ||   "LocationID" = 0x4950316c
    || |        ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
    || |        ||   "ProductID" = 0x0
    || |        ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
    || |        ||   "Built-In" = Yes
    || |        ||   "ReportInterval" = 0x0
    || |        ||   "HIDServiceSupport" = Yes
    || |        ||   "PrimaryUsagePage" = 0xff08
    || |        ||   "VendorIDSource" = 0x0
    || |        ||   "QueueSize" = 0x0
    || |        || }
    || |        ||
    || |        |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b2a, !registered, !
matched, active, busy 0, retain 6>
    || |        |   {
    || |        |     "IOUserClientDefaultLockingSetProperties" = Yes
    || |        |     "IOUserClientDefaultLocking" = Yes
    || |        |     "IOUserClientCreator" = "pid 385, WindowServer"
    || |        |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || |        |     "IOUserClientEntitlements" = No
    || |        |     "DebugState" = {}
    || |        |   }
    || |        |
    || |        +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000004bc, registered, matched,
active, busy 0 (185 ms), retain 8>
    || |        || {
    || |        ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || |        ||   "VendorID" = 0x0
    || |        ||   "CountryCode" = 0x0
    || |        ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || |        ||   "Product" = "PMU ildo2"
    || |        ||   "VersionNumber" = 0x0
    || |        ||   "IOGeneralInterest" = "IOCommand is not serializable"
    || |        ||   "PrimaryUsage" = 0x2
    || |        ||   "LocationID" = 0x4950326c
    || |        ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
    || |        ||   "ProductID" = 0x0
    || |        ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
    || |        ||   "Built-In" = Yes
    || |        ||   "ReportInterval" = 0x0
    || |        ||   "HIDServiceSupport" = Yes
    || |        ||   "PrimaryUsagePage" = 0xff08
    || |        ||   "VendorIDSource" = 0x0
    || |        ||   "QueueSize" = 0x0
    || |        || }
    || |        ||
    || |        |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b29, !registered, !
matched, active, busy 0, retain 6>
    || |        |   {
    || |        |     "IOUserClientDefaultLockingSetProperties" = Yes
    || |        |     "IOUserClientDefaultLocking" = Yes
    || |        |     "IOUserClientCreator" = "pid 385, WindowServer"
    || |        |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || |        |     "IOUserClientEntitlements" = No
    || |        |     "DebugState" = {}
```

```
|| |    |   }
|| |    |
|| |    +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000004cd, registered, matched,
active, busy 0 (215 ms), retain 8>
|| |       || {
|| |       ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |       ||   "VendorID" = 0x0
|| |       ||   "CountryCode" = 0x0
|| |       ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |       ||   "Product" = "PMU ildo3"
|| |       ||   "VersionNumber" = 0x0
|| |       ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |       ||   "PrimaryUsage" = 0x2
|| |       ||   "LocationID" = 0x4950336c
|| |       ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |       ||   "ProductID" = 0x0
|| |       ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| |       ||   "Built-In" = Yes
|| |       ||   "ReportInterval" = 0x0
|| |       ||   "HIDServiceSupport" = Yes
|| |       ||   "PrimaryUsagePage" = 0xff08
|| |       ||   "VendorIDSource" = 0x0
|| |       ||   "QueueSize" = 0x0
|| |       || }
|| |       ||
|| |       | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b28, !registered, !
matched, active, busy 0, retain 6>
|| |       |   {
|| |       |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |       |     "IOUserClientDefaultLocking" = Yes
|| |       |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |       |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |       |     "IOUserClientEntitlements" = No
|| |       |     "DebugState" = {}
|| |       |   }
|| |       |
|| |       +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x10000056e, registered, matched,
active, busy 0 (190 ms), retain 8>
|| |       || {
|| |       ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |       ||   "VendorID" = 0x0
|| |       ||   "CountryCode" = 0x0
|| |       ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |       ||   "Product" = "PMU ildo5"
|| |       ||   "VersionNumber" = 0x0
|| |       ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |       ||   "PrimaryUsage" = 0x2
|| |       ||   "LocationID" = 0x4950356c
|| |       ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |       ||   "ProductID" = 0x0
|| |       ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| |       ||   "Built-In" = Yes
|| |       ||   "ReportInterval" = 0x0
|| |       ||   "HIDServiceSupport" = Yes
|| |       ||   "PrimaryUsagePage" = 0xff08
|| |       ||   "VendorIDSource" = 0x0
|| |       ||   "QueueSize" = 0x0
|| |       || }
|| |       ||
|| |       | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b27, !registered, !
matched, active, busy 0, retain 6>
|| |       |   {
|| |       |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |       |     "IOUserClientDefaultLocking" = Yes
|| |       |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |       |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |       |     "IOUserClientEntitlements" = No
|| |       |     "DebugState" = {}
|| |       |   }
|| |       |
|| |       +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x100000572, registered, matched,
active, busy 0 (193 ms), retain 8>
|| |          || {
|| |          ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
```

```
|| |        || "VendorID" = 0x0
|| |        || "CountryCode" = 0x0
|| |        || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |        || "Product" = "PMU ildo7"
|| |        || "VersionNumber" = 0x0
|| |        || "IOGeneralInterest" = "IOCommand is not serializable"
|| |        || "PrimaryUsage" = 0x2
|| |        || "LocationID" = 0x4950376c
|| |        || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |        || "ProductID" = 0x0
|| |        || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| |        || "Built-In" = Yes
|| |        || "ReportInterval" = 0x0
|| |        || "HIDServiceSupport" = Yes
|| |        || "PrimaryUsagePage" = 0xff08
|| |        || "VendorIDSource" = 0x0
|| |        || "QueueSize" = 0x0
|| |        || }
|| |        ||
|| |        | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b26, !registered, !
matched, active, busy 0, retain 6>
|| |        |    {
|| |        |      "IOUserClientDefaultLockingSetProperties" = Yes
|| |        |      "IOUserClientDefaultLocking" = Yes
|| |        |      "IOUserClientCreator" = "pid 385, WindowServer"
|| |        |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        |      "IOUserClientEntitlements" = No
|| |        |      "DebugState" = {}
|| |        |    }
|| |        |
|| |        +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x100000576, registered, matched,
active, busy 0 (189 ms), retain 8>
|| |           ||{
|| |           || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |           || "VendorID" = 0x0
|| |           || "CountryCode" = 0x0
|| |           || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |           || "Product" = "PMU ildo9"
|| |           || "VersionNumber" = 0x0
|| |           || "IOGeneralInterest" = "IOCommand is not serializable"
|| |           || "PrimaryUsage" = 0x2
|| |           || "LocationID" = 0x4950396c
|| |           || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |           || "ProductID" = 0x0
|| |           || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| |           || "Built-In" = Yes
|| |           || "ReportInterval" = 0x0
|| |           || "HIDServiceSupport" = Yes
|| |           || "PrimaryUsagePage" = 0xff08
|| |           || "VendorIDSource" = 0x0
|| |           || "QueueSize" = 0x0
|| |           ||}
|| |           ||
|| |           | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b25, !registered, !
matched, active, busy 0, retain 6>
|| |           |    {
|| |           |      "IOUserClientDefaultLockingSetProperties" = Yes
|| |           |      "IOUserClientDefaultLocking" = Yes
|| |           |      "IOUserClientCreator" = "pid 385, WindowServer"
|| |           |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |           |      "IOUserClientEntitlements" = No
|| |           |      "DebugState" = {}
|| |           |    }
|| |           |
|| |           +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x100000590, registered, matched,
active, busy 0 (206 ms), retain 8>
|| |              ||{
|| |              || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |              || "VendorID" = 0x0
|| |              || "CountryCode" = 0x0
|| |              || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |              || "Product" = "PMU ildo10"
|| |              || "VersionNumber" = 0x0
|| |              || "IOGeneralInterest" = "IOCommand is not serializable"
|| |              || "PrimaryUsage" = 0x2
|| |              || "LocationID" = 0x4950616c
```

```
        || |        ||  "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
        || |        ||  "ProductID" = 0x0
        || |        ||  "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
        || |        ||  "Built-In" = Yes
        || |        ||  "ReportInterval" = 0x0
        || |        ||  "HIDServiceSupport" = Yes
        || |        ||  "PrimaryUsagePage" = 0xff08
        || |        ||  "VendorIDSource" = 0x0
        || |        ||  "QueueSize" = 0x0
        || |        ||}
        || |        ||
        || |        | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b24, !registered, !
matched, active, busy 0, retain 6>
        || |        |   {
        || |        |      "IOUserClientDefaultLockingSetProperties" = Yes
        || |        |      "IOUserClientDefaultLocking" = Yes
        || |        |      "IOUserClientCreator" = "pid 385, WindowServer"
        || |        |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
        || |        |      "IOUserClientEntitlements" = No
        || |        |      "DebugState" = {}
        || |        |   }
        || |        |
        || |        +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x100000593, registered, matched,
active, busy 0 (222 ms), retain 8>
        || |        ||{
        || |        ||  "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
        || |        ||  "VendorID" = 0x0
        || |        ||  "CountryCode" = 0x0
        || |        ||  "IOUserClientClass" = "IOHIDEventServiceUserClient"
        || |        ||  "Product" = "PMU ildo13"
        || |        ||  "VersionNumber" = 0x0
        || |        ||  "IOGeneralInterest" = "IOCommand is not serializable"
        || |        ||  "PrimaryUsage" = 0x2
        || |        ||  "LocationID" = 0x4950646c
        || |        ||  "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
        || |        ||  "ProductID" = 0x0
        || |        ||  "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
        || |        ||  "Built-In" = Yes
        || |        ||  "ReportInterval" = 0x0
        || |        ||  "HIDServiceSupport" = Yes
        || |        ||  "PrimaryUsagePage" = 0xff08
        || |        ||  "VendorIDSource" = 0x0
        || |        ||  "QueueSize" = 0x0
        || |        ||}
        || |        ||
        || |        | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b23, !registered, !
matched, active, busy 0, retain 6>
        || |        |   {
        || |        |      "IOUserClientDefaultLockingSetProperties" = Yes
        || |        |      "IOUserClientDefaultLocking" = Yes
        || |        |      "IOUserClientCreator" = "pid 385, WindowServer"
        || |        |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
        || |        |      "IOUserClientEntitlements" = No
        || |        |      "DebugState" = {}
        || |        |   }
        || |        |
        || |        +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000005c9, registered, matched,
active, busy 0 (197 ms), retain 8>
        || |        ||{
        || |        ||  "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
        || |        ||  "VendorID" = 0x0
        || |        ||  "CountryCode" = 0x0
        || |        ||  "IOUserClientClass" = "IOHIDEventServiceUserClient"
        || |        ||  "Product" = "PMU ildo14"
        || |        ||  "VersionNumber" = 0x0
        || |        ||  "IOGeneralInterest" = "IOCommand is not serializable"
        || |        ||  "PrimaryUsage" = 0x2
        || |        ||  "LocationID" = 0x4950656c
        || |        ||  "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
        || |        ||  "ProductID" = 0x0
        || |        ||  "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
```

```
|| |       || "Built-In" = Yes
|| |       || "ReportInterval" = 0x0
|| |       || "HIDServiceSupport" = Yes
|| |       || "PrimaryUsagePage" = 0xff08
|| |       || "VendorIDSource" = 0x0
|| |       || "QueueSize" = 0x0
|| |       ||}
|| |       ||
|| |       | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b22, !registered, !
matched, active, busy 0, retain 6>
|| |       |   {
|| |       |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |       |     "IOUserClientDefaultLocking" = Yes
|| |       |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |       |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |       |     "IOUserClientEntitlements" = No
|| |       |     "DebugState" = {}
|| |       |   }
|| |       |
|| |       +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000005d2, registered, matched,
active, busy 0 (214 ms), retain 8>
|| |         ||{
|| |         || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |         || "VendorID" = 0x0
|| |         || "CountryCode" = 0x0
|| |         || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |         || "Product" = "PMU ildo16"
|| |         || "VersionNumber" = 0x0
|| |         || "IOGeneralInterest" = "IOCommand is not serializable"
|| |         || "PrimaryUsage" = 0x2
|| |         || "LocationID" = 0x4950676c
|| |         || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |         || "ProductID" = 0x0
|| |         || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| |         || "Built-In" = Yes
|| |         || "ReportInterval" = 0x0
|| |         || "HIDServiceSupport" = Yes
|| |         || "PrimaryUsagePage" = 0xff08
|| |         || "VendorIDSource" = 0x0
|| |         || "QueueSize" = 0x0
|| |         ||}
|| |         ||
|| |         | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b21, !registered, !
matched, active, busy 0, retain 6>
|| |         |   {
|| |         |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |         |     "IOUserClientDefaultLocking" = Yes
|| |         |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |         |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |         |     "IOUserClientEntitlements" = No
|| |         |     "DebugState" = {}
|| |         |   }
|| |         |
|| |         +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000005d4, registered, matched,
active, busy 0 (203 ms), retain 8>
|| |           ||{
|| |           || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |           || "VendorID" = 0x0
|| |           || "CountryCode" = 0x0
|| |           || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |           || "Product" = "PMU ildo19"
|| |           || "VersionNumber" = 0x0
|| |           || "IOGeneralInterest" = "IOCommand is not serializable"
|| |           || "PrimaryUsage" = 0x2
|| |           || "LocationID" = 0x49506a6c
|| |           || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |           || "ProductID" = 0x0
|| |           || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| |           || "Built-In" = Yes
|| |           || "ReportInterval" = 0x0
|| |           || "HIDServiceSupport" = Yes
|| |           || "PrimaryUsagePage" = 0xff08
|| |           || "VendorIDSource" = 0x0
|| |           || "QueueSize" = 0x0
|| |           ||}
|| |           ||
```

```
|| |        | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b20, !registered, !
matched, active, busy 0, retain 6>
|| |        |   {
|| |        |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |        |     "IOUserClientDefaultLocking" = Yes
|| |        |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |        |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        |     "IOUserClientEntitlements" = No
|| |        |     "DebugState" = {}
|| |        |   }
|| |        |
|| |        +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000005d6, registered, matched,
active, busy 0 (193 ms), retain 8>
|| |        || {
|| |        || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |        || "VendorID" = 0x0
|| |        || "CountryCode" = 0x0
|| |        || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |        || "Product" = "PMU2 VR0u"
|| |        || "VersionNumber" = 0x0
|| |        || "IOGeneralInterest" = "IOCommand is not serializable"
|| |        || "PrimaryUsage" = 0x3
|| |        || "LocationID" = 0x56523075
|| |        || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |        || "ProductID" = 0x0
|| |        || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |        || "Built-In" = Yes
|| |        || "ReportInterval" = 0x0
|| |        || "HIDServiceSupport" = Yes
|| |        || "PrimaryUsagePage" = 0xff08
|| |        || "VendorIDSource" = 0x0
|| |        || "QueueSize" = 0x0
|| |        || }
|| |        ||
|| |        | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b1f, !registered, !
matched, active, busy 0, retain 6>
|| |        |   {
|| |        |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |        |     "IOUserClientDefaultLocking" = Yes
|| |        |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |        |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        |     "IOUserClientEntitlements" = No
|| |        |     "DebugState" = {}
|| |        |   }
|| |        |
|| |        +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x1000005d7, registered, matched,
active, busy 0 (226 ms), retain 8>
|| |        || {
|| |        || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |        || "VendorID" = 0x0
|| |        || "CountryCode" = 0x0
|| |        || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |        || "Product" = "PMU2 tcal"
|| |        || "VersionNumber" = 0x0
|| |        || "IOGeneralInterest" = "IOCommand is not serializable"
|| |        || "PrimaryUsage" = 0x5
|| |        || "LocationID" = 0x5452305a
|| |        || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |        || "ProductID" = 0x0
|| |        || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |        || "Built-In" = Yes
|| |        || "ReportInterval" = 0x0
|| |        || "HIDServiceSupport" = Yes
|| |        || "PrimaryUsagePage" = 0xff00
|| |        || "VendorIDSource" = 0x0
|| |        || "QueueSize" = 0x0
|| |        || }
|| |        ||
|| |        | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000aee, !registered, !
matched, active, busy 0, retain 6>
|| |        |   {
|| |        |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |        |     "IOUserClientDefaultLocking" = Yes
|| |        |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |        |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        |     "IOUserClientEntitlements" = No
```

```
|| |     |     "DebugState" = {}
|| |     |     }
|| |     |
|| |     +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x1000005d8, registered, matched,
active, busy 0 (228 ms), retain 8>
|| |         || {
|| |         ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |         ||   "VendorID" = 0x0
|| |         ||   "CountryCode" = 0x0
|| |         ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |         ||   "Product" = "PMU2 tdev1"
|| |         ||   "VersionNumber" = 0x0
|| |         ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |         ||   "PrimaryUsage" = 0x5
|| |         ||   "LocationID" = 0x54523164
|| |         ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |         ||   "ProductID" = 0x0
|| |         ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |         ||   "Built-In" = Yes
|| |         ||   "ReportInterval" = 0x0
|| |         ||   "HIDServiceSupport" = Yes
|| |         ||   "PrimaryUsagePage" = 0xff00
|| |         ||   "VendorIDSource" = 0x0
|| |         ||   "QueueSize" = 0x0
|| |         || }
|| |         ||
|| |         | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000aed, !registered, !
matched, active, busy 0, retain 6>
|| |         |     {
|| |         |       "IOUserClientDefaultLockingSetProperties" = Yes
|| |         |       "IOUserClientDefaultLocking" = Yes
|| |         |       "IOUserClientCreator" = "pid 385, WindowServer"
|| |         |       "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |         |       "IOUserClientEntitlements" = No
|| |         |       "DebugState" = {}
|| |         |     }
|| |         |
|| |         +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x1000005da, registered, matched,
active, busy 0 (226 ms), retain 8>
|| |         || {
|| |         ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |         ||   "VendorID" = 0x0
|| |         ||   "CountryCode" = 0x0
|| |         ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |         ||   "Product" = "PMU2 tdev2"
|| |         ||   "VersionNumber" = 0x0
|| |         ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |         ||   "PrimaryUsage" = 0x5
|| |         ||   "LocationID" = 0x54523264
|| |         ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |         ||   "ProductID" = 0x0
|| |         ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |         ||   "Built-In" = Yes
|| |         ||   "ReportInterval" = 0x0
|| |         ||   "HIDServiceSupport" = Yes
|| |         ||   "PrimaryUsagePage" = 0xff00
|| |         ||   "VendorIDSource" = 0x0
|| |         ||   "QueueSize" = 0x0
|| |         || }
|| |         ||
|| |         | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000aec, !registered, !
matched, active, busy 0, retain 6>
|| |         |     {
|| |         |       "IOUserClientDefaultLockingSetProperties" = Yes
|| |         |       "IOUserClientDefaultLocking" = Yes
|| |         |       "IOUserClientCreator" = "pid 385, WindowServer"
|| |         |       "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |         |       "IOUserClientEntitlements" = No
|| |         |       "DebugState" = {}
|| |         |     }
|| |         |
|| |         +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x1000005db, registered, matched,
active, busy 0 (219 ms), retain 8>
|| |         || {
|| |         ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
```

IOHIDLib.plugin"}
    || | || "VendorID" = 0x0
    || | || "CountryCode" = 0x0
    || | || "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || | || "Product" = "PMU2 tdev3"
    || | || "VersionNumber" = 0x0
    || | || "IOGeneralInterest" = "IOCommand is not serializable"
    || | || "PrimaryUsage" = 0x5
    || | || "LocationID" = 0x54523364
    || | || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
    || | || "ProductID" = 0x0
    || | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    || | || "Built-In" = Yes
    || | || "ReportInterval" = 0x0
    || | || "HIDServiceSupport" = Yes
    || | || "PrimaryUsagePage" = 0xff00
    || | || "VendorIDSource" = 0x0
    || | || "QueueSize" = 0x0
    || | ||}
    || | ||
    || | |+-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000aeb, !registered, !
matched, active, busy 0, retain 6>
    || | | {
    || | | "IOUserClientDefaultLockingSetProperties" = Yes
    || | | "IOUserClientDefaultLocking" = Yes
    || | | "IOUserClientCreator" = "pid 385, WindowServer"
    || | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || | | "IOUserClientEntitlements" = No
    || | | "DebugState" = {}
    || | | }
    || | |
    || | +-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x1000005dc, registered, matched,
active, busy 0 (216 ms), retain 8>
    || | ||{
    || | || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || | || "VendorID" = 0x0
    || | || "CountryCode" = 0x0
    || | || "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || | || "Product" = "PMU2 tdev4"
    || | || "VersionNumber" = 0x0
    || | || "IOGeneralInterest" = "IOCommand is not serializable"
    || | || "PrimaryUsage" = 0x5
    || | || "LocationID" = 0x54523464
    || | || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
    || | || "ProductID" = 0x0
    || | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    || | || "Built-In" = Yes
    || | || "ReportInterval" = 0x0
    || | || "HIDServiceSupport" = Yes
    || | || "PrimaryUsagePage" = 0xff00
    || | || "VendorIDSource" = 0x0
    || | || "QueueSize" = 0x0
    || | ||}
    || | ||
    || | |+-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000aea, !registered, !
matched, active, busy 0, retain 6>
    || | | {
    || | | "IOUserClientDefaultLockingSetProperties" = Yes
    || | | "IOUserClientDefaultLocking" = Yes
    || | | "IOUserClientCreator" = "pid 385, WindowServer"
    || | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || | | "IOUserClientEntitlements" = No
    || | | "DebugState" = {}
    || | | }
    || | |
    || | +-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x1000005dd, registered, matched,
active, busy 0 (213 ms), retain 8>
    || | ||{
    || | || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || | || "VendorID" = 0x0
    || | || "CountryCode" = 0x0
    || | || "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || | || "Product" = "PMU2 tdev5"
    || | || "VersionNumber" = 0x0
    || | || "IOGeneralInterest" = "IOCommand is not serializable"
    || | || "PrimaryUsage" = 0x5

```
  || |       || "LocationID" = 0x54523564
  || |       || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
  || |       || "ProductID" = 0x0
  || |       || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
  || |       || "Built-In" = Yes
  || |       || "ReportInterval" = 0x0
  || |       || "HIDServiceSupport" = Yes
  || |       || "PrimaryUsagePage" = 0xff00
  || |       || "VendorIDSource" = 0x0
  || |       || "QueueSize" = 0x0
  || |       || }
  || |       ||
  || |       +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000ae9, !registered, !
matched, active, busy 0, retain 6>
  || |       |     {
  || |       |       "IOUserClientDefaultLockingSetProperties" = Yes
  || |       |       "IOUserClientDefaultLocking" = Yes
  || |       |       "IOUserClientCreator" = "pid 385, WindowServer"
  || |       |       "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
  || |       |       "IOUserClientEntitlements" = No
  || |       |       "DebugState" = {}
  || |       |     }
  || |       |
  || |       +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x1000005de, registered, matched,
active, busy 0 (197 ms), retain 8>
  || |         ||{
  || |         || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
  || |         || "VendorID" = 0x0
  || |         || "CountryCode" = 0x0
  || |         || "IOUserClientClass" = "IOHIDEventServiceUserClient"
  || |         || "Product" = "PMU2 tdie1"
  || |         || "VersionNumber" = 0x0
  || |         || "IOGeneralInterest" = "IOCommand is not serializable"
  || |         || "PrimaryUsage" = 0x5
  || |         || "LocationID" = 0x5452316c
  || |         || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
  || |         || "ProductID" = 0x0
  || |         || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
  || |         || "Built-In" = Yes
  || |         || "ReportInterval" = 0x0
  || |         || "HIDServiceSupport" = Yes
  || |         || "PrimaryUsagePage" = 0xff00
  || |         || "VendorIDSource" = 0x0
  || |         || "QueueSize" = 0x0
  || |         || }
  || |         ||
  || |         +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000ae8, !registered, !
matched, active, busy 0, retain 6>
  || |         |     {
  || |         |       "IOUserClientDefaultLockingSetProperties" = Yes
  || |         |       "IOUserClientDefaultLocking" = Yes
  || |         |       "IOUserClientCreator" = "pid 385, WindowServer"
  || |         |       "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
  || |         |       "IOUserClientEntitlements" = No
  || |         |       "DebugState" = {}
  || |         |     }
  || |         |
  || |         +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x1000005df, registered, matched,
active, busy 0 (198 ms), retain 8>
  || |           ||{
  || |           || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
  || |           || "VendorID" = 0x0
  || |           || "CountryCode" = 0x0
  || |           || "IOUserClientClass" = "IOHIDEventServiceUserClient"
  || |           || "Product" = "PMU2 tdie2"
  || |           || "VersionNumber" = 0x0
  || |           || "IOGeneralInterest" = "IOCommand is not serializable"
  || |           || "PrimaryUsage" = 0x5
  || |           || "LocationID" = 0x5452326c
  || |           || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
  || |           || "ProductID" = 0x0
```

```
|| |      || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |      || "Built-In" = Yes
|| |      || "ReportInterval" = 0x0
|| |      || "HIDServiceSupport" = Yes
|| |      || "PrimaryUsagePage" = 0xff00
|| |      || "VendorIDSource" = 0x0
|| |      || "QueueSize" = 0x0
|| |      ||}
|| |      ||
|| |      |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000ae7, !registered, !
matched, active, busy 0, retain 6>
|| |      |    {
|| |      |      "IOUserClientDefaultLockingSetProperties" = Yes
|| |      |      "IOUserClientDefaultLocking" = Yes
|| |      |      "IOUserClientCreator" = "pid 385, WindowServer"
|| |      |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |      |      "IOUserClientEntitlements" = No
|| |      |      "DebugState" = {}
|| |      |    }
|| |      |
|| |      +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x1000005e0, registered, matched,
active, busy 0 (219 ms), retain 8>
|| |      ||{
|| |      || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |      || "VendorID" = 0x0
|| |      || "CountryCode" = 0x0
|| |      || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |      || "Product" = "PMU2 tdie3"
|| |      || "VersionNumber" = 0x0
|| |      || "IOGeneralInterest" = "IOCommand is not serializable"
|| |      || "PrimaryUsage" = 0x5
|| |      || "LocationID" = 0x54523362
|| |      || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |      || "ProductID" = 0x0
|| |      || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |      || "Built-In" = Yes
|| |      || "ReportInterval" = 0x0
|| |      || "HIDServiceSupport" = Yes
|| |      || "PrimaryUsagePage" = 0xff00
|| |      || "VendorIDSource" = 0x0
|| |      || "QueueSize" = 0x0
|| |      ||}
|| |      ||
|| |      |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000ae6, !registered, !
matched, active, busy 0, retain 6>
|| |      |    {
|| |      |      "IOUserClientDefaultLockingSetProperties" = Yes
|| |      |      "IOUserClientDefaultLocking" = Yes
|| |      |      "IOUserClientCreator" = "pid 385, WindowServer"
|| |      |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |      |      "IOUserClientEntitlements" = No
|| |      |      "DebugState" = {}
|| |      |    }
|| |      |
|| |      +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x1000005e1, registered, matched,
active, busy 0 (195 ms), retain 8>
|| |      ||{
|| |      || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |      || "VendorID" = 0x0
|| |      || "CountryCode" = 0x0
|| |      || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |      || "Product" = "PMU2 tdie4"
|| |      || "VersionNumber" = 0x0
|| |      || "IOGeneralInterest" = "IOCommand is not serializable"
|| |      || "PrimaryUsage" = 0x5
|| |      || "LocationID" = 0x54523462
|| |      || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |      || "ProductID" = 0x0
|| |      || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |      || "Built-In" = Yes
|| |      || "ReportInterval" = 0x0
|| |      || "HIDServiceSupport" = Yes
|| |      || "PrimaryUsagePage" = 0xff00
|| |      || "VendorIDSource" = 0x0
|| |      || "QueueSize" = 0x0
|| |      ||}
```

```
|| |      ||
|| |      | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000ae5, !registered, !
matched, active, busy 0, retain 6>
|| |      |   {
|| |      |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |      |     "IOUserClientDefaultLocking" = Yes
|| |      |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |      |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |      |     "IOUserClientEntitlements" = No
|| |      |     "DebugState" = {}
|| |      |   }
|| |      |
|| |      +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x1000005e2, registered, matched,
active, busy 0 (188 ms), retain 8>
|| |        || {
|| |        ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |        ||   "VendorID" = 0x0
|| |        ||   "CountryCode" = 0x0
|| |        ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |        ||   "Product" = "PMU2 tdie5"
|| |        ||   "VersionNumber" = 0x0
|| |        ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |        ||   "PrimaryUsage" = 0x5
|| |        ||   "LocationID" = 0x54523562
|| |        ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |        ||   "ProductID" = 0x0
|| |        ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |        ||   "Built-In" = Yes
|| |        ||   "ReportInterval" = 0x0
|| |        ||   "HIDServiceSupport" = Yes
|| |        ||   "PrimaryUsagePage" = 0xff00
|| |        ||   "VendorIDSource" = 0x0
|| |        ||   "QueueSize" = 0x0
|| |        || }
|| |        ||
|| |        | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000ae4, !registered, !
matched, active, busy 0, retain 6>
|| |        |   {
|| |        |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |        |     "IOUserClientDefaultLocking" = Yes
|| |        |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |        |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        |     "IOUserClientEntitlements" = No
|| |        |     "DebugState" = {}
|| |        |   }
|| |        |
|| |        +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x1000005e3, registered, matched,
active, busy 0 (224 ms), retain 8>
|| |          || {
|| |          ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |          ||   "VendorID" = 0x0
|| |          ||   "CountryCode" = 0x0
|| |          ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |          ||   "Product" = "PMU2 tdie6"
|| |          ||   "VersionNumber" = 0x0
|| |          ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |          ||   "PrimaryUsage" = 0x5
|| |          ||   "LocationID" = 0x54523662
|| |          ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |          ||   "ProductID" = 0x0
|| |          ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |          ||   "Built-In" = Yes
|| |          ||   "ReportInterval" = 0x0
|| |          ||   "HIDServiceSupport" = Yes
|| |          ||   "PrimaryUsagePage" = 0xff00
|| |          ||   "VendorIDSource" = 0x0
|| |          ||   "QueueSize" = 0x0
|| |          || }
|| |          ||
|| |          | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000ae3, !registered, !
matched, active, busy 0, retain 6>
|| |          |   {
|| |          |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |          |     "IOUserClientDefaultLocking" = Yes
|| |          |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |          |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
```

```
|| |     |        "IOUserClientEntitlements" = No
|| |     |        "DebugState" = {}
|| |     |     }
|| |     |
|| |     +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x1000005e4, registered, matched,
active, busy 0 (216 ms), retain 8>
|| |        || {
|| |        ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |        ||   "VendorID" = 0x0
|| |        ||   "CountryCode" = 0x0
|| |        ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |        ||   "Product" = "PMU2 tdie7"
|| |        ||   "VersionNumber" = 0x0
|| |        ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |        ||   "PrimaryUsage" = 0x5
|| |        ||   "LocationID" = 0x54523762
|| |        ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |        ||   "ProductID" = 0x0
|| |        ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |        ||   "Built-In" = Yes
|| |        ||   "ReportInterval" = 0x0
|| |        ||   "HIDServiceSupport" = Yes
|| |        ||   "PrimaryUsagePage" = 0xff00
|| |        ||   "VendorIDSource" = 0x0
|| |        ||   "QueueSize" = 0x0
|| |        || }
|| |        ||
|| |        |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000ae2, !registered, !
matched, active, busy 0, retain 6>
|| |        |    {
|| |        |      "IOUserClientDefaultLockingSetProperties" = Yes
|| |        |      "IOUserClientDefaultLocking" = Yes
|| |        |      "IOUserClientCreator" = "pid 385, WindowServer"
|| |        |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        |      "IOUserClientEntitlements" = No
|| |        |      "DebugState" = {}
|| |        |    }
|| |        |
|| |        +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x1000005e5, registered, matched,
active, busy 0 (185 ms), retain 8>
|| |           || {
|| |           ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |           ||   "VendorID" = 0x0
|| |           ||   "CountryCode" = 0x0
|| |           ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |           ||   "Product" = "PMU2 tdie8"
|| |           ||   "VersionNumber" = 0x0
|| |           ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |           ||   "PrimaryUsage" = 0x5
|| |           ||   "LocationID" = 0x54523862
|| |           ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |           ||   "ProductID" = 0x0
|| |           ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |           ||   "Built-In" = Yes
|| |           ||   "ReportInterval" = 0x0
|| |           ||   "HIDServiceSupport" = Yes
|| |           ||   "PrimaryUsagePage" = 0xff00
|| |           ||   "VendorIDSource" = 0x0
|| |           ||   "QueueSize" = 0x0
|| |           || }
|| |           ||
|| |           |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000ae1, !registered, !
matched, active, busy 0, retain 6>
|| |           |    {
|| |           |      "IOUserClientDefaultLockingSetProperties" = Yes
|| |           |      "IOUserClientDefaultLocking" = Yes
|| |           |      "IOUserClientCreator" = "pid 385, WindowServer"
|| |           |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |           |      "IOUserClientEntitlements" = No
|| |           |      "DebugState" = {}
|| |           |    }
|| |           |
|| |           +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000005e6, registered, matched,
active, busy 0 (191 ms), retain 8>
|| |              || {
|| |              ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
```

PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || | || "VendorID" = 0x0
    || | || "CountryCode" = 0x0
    || | || "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || | || "Product" = "PMU2 vbuck4"
    || | || "VersionNumber" = 0x0
    || | || "IOGeneralInterest" = "IOCommand is not serializable"
    || | || "PrimaryUsage" = 0x3
    || | || "LocationID" = 0x56523462
    || | || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
    || | || "ProductID" = 0x0
    || | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
    || | || "Built-In" = Yes
    || | || "ReportInterval" = 0x0
    || | || "HIDServiceSupport" = Yes
    || | || "PrimaryUsagePage" = 0xff08
    || | || "VendorIDSource" = 0x0
    || | || "QueueSize" = 0x0
    || | || }
    || | ||
    || | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b1e, !registered, !
matched, active, busy 0, retain 6>
    || | | {
    || | | "IOUserClientDefaultLockingSetProperties" = Yes
    || | | "IOUserClientDefaultLocking" = Yes
    || | | "IOUserClientCreator" = "pid 385, WindowServer"
    || | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || | | "IOUserClientEntitlements" = No
    || | | "DebugState" = {}
    || | | }
    || | |
    || | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x1000005e7, registered, matched,
active, busy 0 (210 ms), retain 8>
    || | || {
    || | || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || | || "VendorID" = 0x0
    || | || "CountryCode" = 0x0
    || | || "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || | || "Product" = "PMU2 vbuck5"
    || | || "VersionNumber" = 0x0
    || | || "IOGeneralInterest" = "IOCommand is not serializable"
    || | || "PrimaryUsage" = 0x3
    || | || "LocationID" = 0x56523562
    || | || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
    || | || "ProductID" = 0x0
    || | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
    || | || "Built-In" = Yes
    || | || "ReportInterval" = 0x0
    || | || "HIDServiceSupport" = Yes
    || | || "PrimaryUsagePage" = 0xff08
    || | || "VendorIDSource" = 0x0
    || | || "QueueSize" = 0x0
    || | || }
    || | ||
    || | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b1d, !registered, !
matched, active, busy 0, retain 6>
    || | | {
    || | | "IOUserClientDefaultLockingSetProperties" = Yes
    || | | "IOUserClientDefaultLocking" = Yes
    || | | "IOUserClientCreator" = "pid 385, WindowServer"
    || | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || | | "IOUserClientEntitlements" = No
    || | | "DebugState" = {}
    || | | }
    || | |
    || | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x1000005e8, registered, matched,
active, busy 0 (196 ms), retain 8>
    || | || {
    || | || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || | || "VendorID" = 0x0
    || | || "CountryCode" = 0x0
    || | || "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || | || "Product" = "PMU2 vbuck6"
    || | || "VersionNumber" = 0x0
    || | || "IOGeneralInterest" = "IOCommand is not serializable"

```
|| |      || "PrimaryUsage" = 0x3
|| |      || "LocationID" = 0x56523662
|| |      || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |      || "ProductID" = 0x0
|| |      || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |      || "Built-In" = Yes
|| |      || "ReportInterval" = 0x0
|| |      || "HIDServiceSupport" = Yes
|| |      || "PrimaryUsagePage" = 0xff08
|| |      || "VendorIDSource" = 0x0
|| |      || "QueueSize" = 0x0
|| |      ||}
|| |      ||
|| |      |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b1c, !registered, !
matched, active, busy 0, retain 6>
|| |      |   {
|| |      |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |      |     "IOUserClientDefaultLocking" = Yes
|| |      |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |      |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |      |     "IOUserClientEntitlements" = No
|| |      |     "DebugState" = {}
|| |      |   }
|| |      |
|| |      +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000005e9, registered, matched,
active, busy 0 (216 ms), retain 8>
|| |         ||{
|| |         || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |         || "VendorID" = 0x0
|| |         || "CountryCode" = 0x0
|| |         || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |         || "Product" = "PMU2 vbuck10"
|| |         || "VersionNumber" = 0x0
|| |         || "IOGeneralInterest" = "IOCommand is not serializable"
|| |         || "PrimaryUsage" = 0x3
|| |         || "LocationID" = 0x56526162
|| |         || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |         || "ProductID" = 0x0
|| |         || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |         || "Built-In" = Yes
|| |         || "ReportInterval" = 0x0
|| |         || "HIDServiceSupport" = Yes
|| |         || "PrimaryUsagePage" = 0xff08
|| |         || "VendorIDSource" = 0x0
|| |         || "QueueSize" = 0x0
|| |         ||}
|| |         ||
|| |         |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b1b, !registered, !
matched, active, busy 0, retain 6>
|| |         |   {
|| |         |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |         |     "IOUserClientDefaultLocking" = Yes
|| |         |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |         |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |         |     "IOUserClientEntitlements" = No
|| |         |     "DebugState" = {}
|| |         |   }
|| |         |
|| |         +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000005ea, registered, matched,
active, busy 0 (209 ms), retain 8>
|| |            ||{
|| |            || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |            || "VendorID" = 0x0
|| |            || "CountryCode" = 0x0
|| |            || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |            || "Product" = "PMU2 vbuck12"
|| |            || "VersionNumber" = 0x0
|| |            || "IOGeneralInterest" = "IOCommand is not serializable"
|| |            || "PrimaryUsage" = 0x3
|| |            || "LocationID" = 0x56526362
|| |            || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
```

```
|| |       || "ProductID" = 0x0
|| |       || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |       || "Built-In" = Yes
|| |       || "ReportInterval" = 0x0
|| |       || "HIDServiceSupport" = Yes
|| |       || "PrimaryUsagePage" = 0xff08
|| |       || "VendorIDSource" = 0x0
|| |       || "QueueSize" = 0x0
|| |       ||}
|| |       ||
|| |       |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b1a, !registered, !
matched, active, busy 0, retain 6>
|| |       |   {
|| |       |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |       |     "IOUserClientDefaultLocking" = Yes
|| |       |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |       |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |       |     "IOUserClientEntitlements" = No
|| |       |     "DebugState" = {}
|| |       |   }
|| |       |
|| |       +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000005eb, registered, matched,
active, busy 0 (215 ms), retain 8>
|| |       ||{
|| |       || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |       || "VendorID" = 0x0
|| |       || "CountryCode" = 0x0
|| |       || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |       || "Product" = "PMU2 vbuck13"
|| |       || "VersionNumber" = 0x0
|| |       || "IOGeneralInterest" = "IOCommand is not serializable"
|| |       || "PrimaryUsage" = 0x3
|| |       || "LocationID" = 0x56526462
|| |       || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000),"Notificatio$
|| |       || "ProductID" = 0x0
|| |       || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |       || "Built-In" = Yes
|| |       || "ReportInterval" = 0x0
|| |       || "HIDServiceSupport" = Yes
|| |       || "PrimaryUsagePage" = 0xff08
|| |       || "VendorIDSource" = 0x0
|| |       || "QueueSize" = 0x0
|| |       ||}
|| |       ||
|| |       |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b19, !registered, !
matched, active, busy 0, retain 6>
|| |       |   {
|| |       |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |       |     "IOUserClientDefaultLocking" = Yes
|| |       |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |       |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |       |     "IOUserClientEntitlements" = No
|| |       |     "DebugState" = {}
|| |       |   }
|| |       |
|| |       +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000005ec, registered, matched,
active, busy 0 (196 ms), retain 8>
|| |       ||{
|| |       || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |       || "VendorID" = 0x0
|| |       || "CountryCode" = 0x0
|| |       || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |       || "Product" = "PMU2 vldo4"
|| |       || "VersionNumber" = 0x0
|| |       || "IOGeneralInterest" = "IOCommand is not serializable"
|| |       || "PrimaryUsage" = 0x3
|| |       || "LocationID" = 0x5652346c
|| |       || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000),"Notificatio$
|| |       || "ProductID" = 0x0
|| |       || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |       || "Built-In" = Yes
|| |       || "ReportInterval" = 0x0
|| |       || "HIDServiceSupport" = Yes
|| |       || "PrimaryUsagePage" = 0xff08
|| |       || "VendorIDSource" = 0x0
|| |       || "QueueSize" = 0x0
```

```
|| |          || }
|| |          ||
|| |          | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b18, !registered, !
matched, active, busy 0, retain 6>
|| |          |   {
|| |          |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |          |     "IOUserClientDefaultLocking" = Yes
|| |          |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |          |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |          |     "IOUserClientEntitlements" = No
|| |          |     "DebugState" = {}
|| |          |   }
|| |          |
|| |          +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000005ed, registered, matched,
active, busy 0 (188 ms), retain 8>
|| |          || {
|| |          ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |          ||   "VendorID" = 0x0
|| |          ||   "CountryCode" = 0x0
|| |          ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |          ||   "Product" = "PMU2 vldo6"
|| |          ||   "VersionNumber" = 0x0
|| |          ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |          ||   "PrimaryUsage" = 0x3
|| |          ||   "LocationID" = 0x5652366c
|| |          ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |          ||   "ProductID" = 0x0
|| |          ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |          ||   "Built-In" = Yes
|| |          ||   "ReportInterval" = 0x0
|| |          ||   "HIDServiceSupport" = Yes
|| |          ||   "PrimaryUsagePage" = 0xff08
|| |          ||   "VendorIDSource" = 0x0
|| |          ||   "QueueSize" = 0x0
|| |          || }
|| |          ||
|| |          | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b17, !registered, !
matched, active, busy 0, retain 6>
|| |          |   {
|| |          |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |          |     "IOUserClientDefaultLocking" = Yes
|| |          |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |          |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |          |     "IOUserClientEntitlements" = No
|| |          |     "DebugState" = {}
|| |          |   }
|| |          |
|| |          +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000005ee, registered, matched,
active, busy 0 (194 ms), retain 8>
|| |          || {
|| |          ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |          ||   "VendorID" = 0x0
|| |          ||   "CountryCode" = 0x0
|| |          ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |          ||   "Product" = "PMU2 vldo8"
|| |          ||   "VersionNumber" = 0x0
|| |          ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |          ||   "PrimaryUsage" = 0x3
|| |          ||   "LocationID" = 0x5652386c
|| |          ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |          ||   "ProductID" = 0x0
|| |          ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |          ||   "Built-In" = Yes
|| |          ||   "ReportInterval" = 0x0
|| |          ||   "HIDServiceSupport" = Yes
|| |          ||   "PrimaryUsagePage" = 0xff08
|| |          ||   "VendorIDSource" = 0x0
|| |          ||   "QueueSize" = 0x0
|| |          || }
|| |          ||
|| |          | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b16, !registered, !
matched, active, busy 0, retain 6>
|| |          |   {
|| |          |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |          |     "IOUserClientDefaultLocking" = Yes
|| |          |     "IOUserClientCreator" = "pid 385, WindowServer"
```

```
|| |       |       "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |       |       "IOUserClientEntitlements" = No
|| |       |       "DebugState" = {}
|| |       |     }
|| |       |
|| |       +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000005ef, registered, matched,
active, busy 0 (193 ms), retain 8>
|| |         || {
|| |         ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |         ||   "VendorID" = 0x0
|| |         ||   "CountryCode" = 0x0
|| |         ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |         ||   "Product" = "PMU2 vldo11"
|| |         ||   "VersionNumber" = 0x0
|| |         ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |         ||   "PrimaryUsage" = 0x3
|| |         ||   "LocationID" = 0x5652626c
|| |         ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |         ||   "ProductID" = 0x0
|| |         ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |         ||   "Built-In" = Yes
|| |         ||   "ReportInterval" = 0x0
|| |         ||   "HIDServiceSupport" = Yes
|| |         ||   "PrimaryUsagePage" = 0xff08
|| |         ||   "VendorIDSource" = 0x0
|| |         ||   "QueueSize" = 0x0
|| |         || }
|| |         ||
|| |         | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b15, !registered, !
matched, active, busy 0, retain 6>
|| |         |   {
|| |         |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |         |     "IOUserClientDefaultLocking" = Yes
|| |         |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |         |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |         |     "IOUserClientEntitlements" = No
|| |         |     "DebugState" = {}
|| |         |   }
|| |         |
|| |         +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000005f0, registered, matched,
active, busy 0 (194 ms), retain 8>
|| |           || {
|| |           ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |           ||   "VendorID" = 0x0
|| |           ||   "CountryCode" = 0x0
|| |           ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |           ||   "Product" = "PMU2 vldo12"
|| |           ||   "VersionNumber" = 0x0
|| |           ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |           ||   "PrimaryUsage" = 0x3
|| |           ||   "LocationID" = 0x5652636c
|| |           ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |           ||   "ProductID" = 0x0
|| |           ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |           ||   "Built-In" = Yes
|| |           ||   "ReportInterval" = 0x0
|| |           ||   "HIDServiceSupport" = Yes
|| |           ||   "PrimaryUsagePage" = 0xff08
|| |           ||   "VendorIDSource" = 0x0
|| |           ||   "QueueSize" = 0x0
|| |           || }
|| |           ||
|| |           | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b14, !registered, !
matched, active, busy 0, retain 6>
|| |           |   {
|| |           |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |           |     "IOUserClientDefaultLocking" = Yes
|| |           |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |           |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |           |     "IOUserClientEntitlements" = No
|| |           |     "DebugState" = {}
|| |           |   }
|| |           |
|| |           +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000005f1, registered, matched,
active, busy 0 (194 ms), retain 8>
|| |             || {
```

```
    || |       || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || |       || "VendorID" = 0x0
    || |       || "CountryCode" = 0x0
    || |       || "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || |       || "Product" = "PMU2 vldo15"
    || |       || "VersionNumber" = 0x0
    || |       || "IOGeneralInterest" = "IOCommand is not serializable"
    || |       || "PrimaryUsage" = 0x3
    || |       || "LocationID" = 0x5652666c
    || |       || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
    || |       || "ProductID" = 0x0
    || |       || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
    || |       || "Built-In" = Yes
    || |       || "ReportInterval" = 0x0
    || |       || "HIDServiceSupport" = Yes
    || |       || "PrimaryUsagePage" = 0xff08
    || |       || "VendorIDSource" = 0x0
    || |       || "QueueSize" = 0x0
    || |       ||}
    || |       |
    || |       +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b13, !registered, !
matched, active, busy 0, retain 6>
    || |       |    {
    || |       |      "IOUserClientDefaultLockingSetProperties" = Yes
    || |       |      "IOUserClientDefaultLocking" = Yes
    || |       |      "IOUserClientCreator" = "pid 385, WindowServer"
    || |       |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || |       |      "IOUserClientEntitlements" = No
    || |       |      "DebugState" = {}
    || |       |    }
    || |       |
    || |       +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000005f2, registered, matched,
active, busy 0 (194 ms), retain 8>
    || |         ||{
    || |         || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || |         || "VendorID" = 0x0
    || |         || "CountryCode" = 0x0
    || |         || "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || |         || "Product" = "PMU2 vldo17"
    || |         || "VersionNumber" = 0x0
    || |         || "IOGeneralInterest" = "IOCommand is not serializable"
    || |         || "PrimaryUsage" = 0x3
    || |         || "LocationID" = 0x5652686c
    || |         || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
    || |         || "ProductID" = 0x0
    || |         || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
    || |         || "Built-In" = Yes
    || |         || "ReportInterval" = 0x0
    || |         || "HIDServiceSupport" = Yes
    || |         || "PrimaryUsagePage" = 0xff08
    || |         || "VendorIDSource" = 0x0
    || |         || "QueueSize" = 0x0
    || |         ||}
    || |         ||
    || |         +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b12, !registered, !
matched, active, busy 0, retain 6>
    || |         |    {
    || |         |      "IOUserClientDefaultLockingSetProperties" = Yes
    || |         |      "IOUserClientDefaultLocking" = Yes
    || |         |      "IOUserClientCreator" = "pid 385, WindowServer"
    || |         |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || |         |      "IOUserClientEntitlements" = No
    || |         |      "DebugState" = {}
    || |         |    }
    || |         |
    || |         +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000005f3, registered, matched,
active, busy 0 (193 ms), retain 8>
    || |           ||{
    || |           || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || |           || "VendorID" = 0x0
    || |           || "CountryCode" = 0x0
    || |           || "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || |           || "Product" = "PMU2 vldo18"
    || |           || "VersionNumber" = 0x0
```

```
|| |        || "IOGeneralInterest" = "IOCommand is not serializable"
|| |        || "PrimaryUsage" = 0x3
|| |        || "LocationID" = 0x5652696c
|| |        || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |        || "ProductID" = 0x0
|| |        || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |        || "Built-In" = Yes
|| |        || "ReportInterval" = 0x0
|| |        || "HIDServiceSupport" = Yes
|| |        || "PrimaryUsagePage" = 0xff08
|| |        || "VendorIDSource" = 0x0
|| |        || "QueueSize" = 0x0
|| |        ||}
|| |        ||
|| |        |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b11, !registered, !
matched, active, busy 0, retain 6>
|| |        |    {
|| |        |      "IOUserClientDefaultLockingSetProperties" = Yes
|| |        |      "IOUserClientDefaultLocking" = Yes
|| |        |      "IOUserClientCreator" = "pid 385, WindowServer"
|| |        |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        |      "IOUserClientEntitlements" = No
|| |        |      "DebugState" = {}
|| |        |    }
|| |        |
|| |        +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000005f4, registered, matched,
active, busy 0 (191 ms), retain 8>
|| |          ||{
|| |          || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |          || "VendorID" = 0x0
|| |          || "CountryCode" = 0x0
|| |          || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |          || "Product" = "PMU2 vldo20"
|| |          || "VersionNumber" = 0x0
|| |          || "IOGeneralInterest" = "IOCommand is not serializable"
|| |          || "PrimaryUsage" = 0x3
|| |          || "LocationID" = 0x56526b6c
|| |          || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |          || "ProductID" = 0x0
|| |          || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| |          || "Built-In" = Yes
|| |          || "ReportInterval" = 0x0
|| |          || "HIDServiceSupport" = Yes
|| |          || "PrimaryUsagePage" = 0xff08
|| |          || "VendorIDSource" = 0x0
|| |          || "QueueSize" = 0x0
|| |          ||}
|| |          ||
|| |          |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b10, !registered, !
matched, active, busy 0, retain 6>
|| |          |    {
|| |          |      "IOUserClientDefaultLockingSetProperties" = Yes
|| |          |      "IOUserClientDefaultLocking" = Yes
|| |          |      "IOUserClientCreator" = "pid 385, WindowServer"
|| |          |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |          |      "IOUserClientEntitlements" = No
|| |          |      "DebugState" = {}
|| |          |    }
|| |          |
|| |          +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000005f5, registered, matched,
active, busy 0 (191 ms), retain 8>
|| |            ||{
|| |            || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |            || "VendorID" = 0x0
|| |            || "CountryCode" = 0x0
|| |            || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |            || "Product" = "PMU2 ibuck4"
|| |            || "VersionNumber" = 0x0
|| |            || "IOGeneralInterest" = "IOCommand is not serializable"
|| |            || "PrimaryUsage" = 0x2
|| |            || "LocationID" = 0x49523462
|| |            || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
```

DPointerAcceleration"=0xb000,"Notificatio$
    || | || "ProductID" = 0x0
    || | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
    || | || "Built-In" = Yes
    || | || "ReportInterval" = 0x0
    || | || "HIDServiceSupport" = Yes
    || | || "PrimaryUsagePage" = 0xff08
    || | || "VendorIDSource" = 0x0
    || | || "QueueSize" = 0x0
    || | || }
    || | ||
    || | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b0f, !registered, !
matched, active, busy 0, retain 6>
    || | | {
    || | | "IOUserClientDefaultLockingSetProperties" = Yes
    || | | "IOUserClientDefaultLocking" = Yes
    || | | "IOUserClientCreator" = "pid 385, WindowServer"
    || | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || | | "IOUserClientEntitlements" = No
    || | | "DebugState" = {}
    || | | }
    || | |
    || | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x1000005f6, registered, matched,
active, busy 0 (211 ms), retain 8>
    || | || {
    || | || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || | || "VendorID" = 0x0
    || | || "CountryCode" = 0x0
    || | || "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || | || "Product" = "PMU2 ibuck5"
    || | || "VersionNumber" = 0x0
    || | || "IOGeneralInterest" = "IOCommand is not serializable"
    || | || "PrimaryUsage" = 0x2
    || | || "LocationID" = 0x49523562
    || | || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
    || | || "ProductID" = 0x0
    || | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
    || | || "Built-In" = Yes
    || | || "ReportInterval" = 0x0
    || | || "HIDServiceSupport" = Yes
    || | || "PrimaryUsagePage" = 0xff08
    || | || "VendorIDSource" = 0x0
    || | || "QueueSize" = 0x0
    || | || }
    || | ||
    || | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b0e, !registered, !
matched, active, busy 0, retain 6>
    || | | {
    || | | "IOUserClientDefaultLockingSetProperties" = Yes
    || | | "IOUserClientDefaultLocking" = Yes
    || | | "IOUserClientCreator" = "pid 385, WindowServer"
    || | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || | | "IOUserClientEntitlements" = No
    || | | "DebugState" = {}
    || | | }
    || | |
    || | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x1000005f7, registered, matched,
active, busy 0 (217 ms), retain 8>
    || | || {
    || | || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || | || "VendorID" = 0x0
    || | || "CountryCode" = 0x0
    || | || "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || | || "Product" = "PMU2 ibuck6"
    || | || "VersionNumber" = 0x0
    || | || "IOGeneralInterest" = "IOCommand is not serializable"
    || | || "PrimaryUsage" = 0x2
    || | || "LocationID" = 0x49523662
    || | || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
    || | || "ProductID" = 0x0
    || | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
    || | || "Built-In" = Yes
    || | || "ReportInterval" = 0x0
    || | || "HIDServiceSupport" = Yes
    || | || "PrimaryUsagePage" = 0xff08
    || | || "VendorIDSource" = 0x0

```
|| |      ||  "QueueSize" = 0x0
|| |      ||}
|| |      ||
|| |      | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b0d, !registered, !
matched, active, busy 0, retain 6>
|| |      |   {
|| |      |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |      |     "IOUserClientDefaultLocking" = Yes
|| |      |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |      |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |      |     "IOUserClientEntitlements" = No
|| |      |     "DebugState" = {}
|| |      |   }
|| |      |
|| |      +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000005f8, registered, matched,
active, busy 0 (186 ms), retain 8>
|| |        ||{
|| |        ||  "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |        ||  "VendorID" = 0x0
|| |        ||  "CountryCode" = 0x0
|| |        ||  "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |        ||  "Product" = "PMU2 ibuck10"
|| |        ||  "VersionNumber" = 0x0
|| |        ||  "IOGeneralInterest" = "IOCommand is not serializable"
|| |        ||  "PrimaryUsage" = 0x2
|| |        ||  "LocationID" = 0x49526162
|| |        ||  "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |        ||  "ProductID" = 0x0
|| |        ||  "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| |        ||  "Built-In" = Yes
|| |        ||  "ReportInterval" = 0x0
|| |        ||  "HIDServiceSupport" = Yes
|| |        ||  "PrimaryUsagePage" = 0xff08
|| |        ||  "VendorIDSource" = 0x0
|| |        ||  "QueueSize" = 0x0
|| |        ||}
|| |        ||
|| |        | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b0c, !registered, !
matched, active, busy 0, retain 6>
|| |        |   {
|| |        |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |        |     "IOUserClientDefaultLocking" = Yes
|| |        |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |        |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        |     "IOUserClientEntitlements" = No
|| |        |     "DebugState" = {}
|| |        |   }
|| |        |
|| |        +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000005f9, registered, matched,
active, busy 0 (210 ms), retain 8>
|| |          ||{
|| |          ||  "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |          ||  "VendorID" = 0x0
|| |          ||  "CountryCode" = 0x0
|| |          ||  "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |          ||  "Product" = "PMU2 ibuck12"
|| |          ||  "VersionNumber" = 0x0
|| |          ||  "IOGeneralInterest" = "IOCommand is not serializable"
|| |          ||  "PrimaryUsage" = 0x2
|| |          ||  "LocationID" = 0x49526362
|| |          ||  "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |          ||  "ProductID" = 0x0
|| |          ||  "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| |          ||  "Built-In" = Yes
|| |          ||  "ReportInterval" = 0x0
|| |          ||  "HIDServiceSupport" = Yes
|| |          ||  "PrimaryUsagePage" = 0xff08
|| |          ||  "VendorIDSource" = 0x0
|| |          ||  "QueueSize" = 0x0
|| |          ||}
|| |          ||
|| |          | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b0b, !registered, !
matched, active, busy 0, retain 6>
|| |          |   {
|| |          |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |          |     "IOUserClientDefaultLocking" = Yes
```

```
|| |      |       "IOUserClientCreator" = "pid 385, WindowServer"
|| |      |       "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |      |       "IOUserClientEntitlements" = No
|| |      |       "DebugState" = {}
|| |      |     }
|| |      |
|| |      +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x1000005fa, registered, matched,
active, busy 0 (179 ms), retain 8>
|| |        || {
|| |        ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |        ||   "VendorID" = 0x0
|| |        ||   "CountryCode" = 0x0
|| |        ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |        ||   "Product" = "PMU2 ibuck13"
|| |        ||   "VersionNumber" = 0x0
|| |        ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |        ||   "PrimaryUsage" = 0x2
|| |        ||   "LocationID" = 0x49526462
|| |        ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |        ||   "ProductID" = 0x0
|| |        ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| |        ||   "Built-In" = Yes
|| |        ||   "ReportInterval" = 0x0
|| |        ||   "HIDServiceSupport" = Yes
|| |        ||   "PrimaryUsagePage" = 0xff08
|| |        ||   "VendorIDSource" = 0x0
|| |        ||   "QueueSize" = 0x0
|| |        || }
|| |        ||
|| |        |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b0a, !registered, !
matched, active, busy 0, retain 6>
|| |        |    {
|| |        |      "IOUserClientDefaultLockingSetProperties" = Yes
|| |        |      "IOUserClientDefaultLocking" = Yes
|| |        |      "IOUserClientCreator" = "pid 385, WindowServer"
|| |        |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        |      "IOUserClientEntitlements" = No
|| |        |      "DebugState" = {}
|| |        |    }
|| |        |
|| |        +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x100000613, registered, matched,
active, busy 0 (187 ms), retain 8>
|| |          || {
|| |          ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |          ||   "VendorID" = 0x0
|| |          ||   "CountryCode" = 0x0
|| |          ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |          ||   "Product" = "PMU2 ildo4"
|| |          ||   "VersionNumber" = 0x0
|| |          ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |          ||   "PrimaryUsage" = 0x2
|| |          ||   "LocationID" = 0x4952346c
|| |          ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |          ||   "ProductID" = 0x0
|| |          ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| |          ||   "Built-In" = Yes
|| |          ||   "ReportInterval" = 0x0
|| |          ||   "HIDServiceSupport" = Yes
|| |          ||   "PrimaryUsagePage" = 0xff08
|| |          ||   "VendorIDSource" = 0x0
|| |          ||   "QueueSize" = 0x0
|| |          || }
|| |          ||
|| |          |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b09, !registered, !
matched, active, busy 0, retain 6>
|| |          |    {
|| |          |      "IOUserClientDefaultLockingSetProperties" = Yes
|| |          |      "IOUserClientDefaultLocking" = Yes
|| |          |      "IOUserClientCreator" = "pid 385, WindowServer"
|| |          |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |          |      "IOUserClientEntitlements" = No
|| |          |      "DebugState" = {}
|| |          |    }
|| |          |
|| |          +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x100000616, registered, matched,
active, busy 0 (216 ms), retain 8>
```

```
   || |       || {
   || |       ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
   || |       ||   "VendorID" = 0x0
   || |       ||   "CountryCode" = 0x0
   || |       ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
   || |       ||   "Product" = "PMU2 ildo6"
   || |       ||   "VersionNumber" = 0x0
   || |       ||   "IOGeneralInterest" = "IOCommand is not serializable"
   || |       ||   "PrimaryUsage" = 0x2
   || |       ||   "LocationID" = 0x4952366c
   || |       ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
   || |       ||   "ProductID" = 0x0
   || |       ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
   || |       ||   "Built-In" = Yes
   || |       ||   "ReportInterval" = 0x0
   || |       ||   "HIDServiceSupport" = Yes
   || |       ||   "PrimaryUsagePage" = 0xff08
   || |       ||   "VendorIDSource" = 0x0
   || |       ||   "QueueSize" = 0x0
   || |       || }
   || |       ||
   || |       | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b08, !registered, !
matched, active, busy 0, retain 6>
   || |       |   {
   || |       |     "IOUserClientDefaultLockingSetProperties" = Yes
   || |       |     "IOUserClientDefaultLocking" = Yes
   || |       |     "IOUserClientCreator" = "pid 385, WindowServer"
   || |       |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
   || |       |     "IOUserClientEntitlements" = No
   || |       |     "DebugState" = {}
   || |       |   }
   || |       |
   || |       +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x100000617, registered, matched,
active, busy 0 (215 ms), retain 8>
   || |       || {
   || |       ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
   || |       ||   "VendorID" = 0x0
   || |       ||   "CountryCode" = 0x0
   || |       ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
   || |       ||   "Product" = "PMU2 ildo8"
   || |       ||   "VersionNumber" = 0x0
   || |       ||   "IOGeneralInterest" = "IOCommand is not serializable"
   || |       ||   "PrimaryUsage" = 0x2
   || |       ||   "LocationID" = 0x4952386c
   || |       ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"=
0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
   || |       ||   "ProductID" = 0x0
   || |       ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
   || |       ||   "Built-In" = Yes
   || |       ||   "ReportInterval" = 0x0
   || |       ||   "HIDServiceSupport" = Yes
   || |       ||   "PrimaryUsagePage" = 0xff08
   || |       ||   "VendorIDSource" = 0x0
   || |       ||   "QueueSize" = 0x0
   || |       || }
   || |       ||
   || |       | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b07, !registered, !
matched, active, busy 0, retain 6>
   || |       |   {
   || |       |     "IOUserClientDefaultLockingSetProperties" = Yes
   || |       |     "IOUserClientDefaultLocking" = Yes
   || |       |     "IOUserClientCreator" = "pid 385, WindowServer"
   || |       |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
   || |       |     "IOUserClientEntitlements" = No
   || |       |     "DebugState" = {}
   || |       |   }
   || |       |
   || |       +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x100000618, registered, matched,
active, busy 0 (215 ms), retain 8>
   || |       || {
   || |       ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
   || |       ||   "VendorID" = 0x0
   || |       ||   "CountryCode" = 0x0
   || |       ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
   || |       ||   "Product" = "PMU2 ildo11"
```

```
|| |      || "VersionNumber" = 0x0
|| |      || "IOGeneralInterest" = "IOCommand is not serializable"
|| |      || "PrimaryUsage" = 0x2
|| |      || "LocationID" = 0x4952626c
|| |      || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |      || "ProductID" = 0x0
|| |      || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| |      || "Built-In" = Yes
|| |      || "ReportInterval" = 0x0
|| |      || "HIDServiceSupport" = Yes
|| |      || "PrimaryUsagePage" = 0xff08
|| |      || "VendorIDSource" = 0x0
|| |      || "QueueSize" = 0x0
|| |      ||}
|| |      ||
|| |      |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b05, !registered, !
matched, active, busy 0, retain 6>
|| |      |    {
|| |      |      "IOUserClientDefaultLockingSetProperties" = Yes
|| |      |      "IOUserClientDefaultLocking" = Yes
|| |      |      "IOUserClientCreator" = "pid 385, WindowServer"
|| |      |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |      |      "IOUserClientEntitlements" = No
|| |      |      "DebugState" = {}
|| |      |    }
|| |      |
|| |      +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x100000619, registered, matched,
active, busy 0 (186 ms), retain 8>
|| |      ||{
|| |      || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |      || "VendorID" = 0x0
|| |      || "CountryCode" = 0x0
|| |      || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |      || "Product" = "PMU2 ildo12"
|| |      || "VersionNumber" = 0x0
|| |      || "IOGeneralInterest" = "IOCommand is not serializable"
|| |      || "PrimaryUsage" = 0x2
|| |      || "LocationID" = 0x4952636c
|| |      || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |      || "ProductID" = 0x0
|| |      || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| |      || "Built-In" = Yes
|| |      || "ReportInterval" = 0x0
|| |      || "HIDServiceSupport" = Yes
|| |      || "PrimaryUsagePage" = 0xff08
|| |      || "VendorIDSource" = 0x0
|| |      || "QueueSize" = 0x0
|| |      ||}
|| |      ||
|| |      |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b04, !registered, !
matched, active, busy 0, retain 6>
|| |      |    {
|| |      |      "IOUserClientDefaultLockingSetProperties" = Yes
|| |      |      "IOUserClientDefaultLocking" = Yes
|| |      |      "IOUserClientCreator" = "pid 385, WindowServer"
|| |      |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |      |      "IOUserClientEntitlements" = No
|| |      |      "DebugState" = {}
|| |      |    }
|| |      |
|| |      +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x100000621, registered, matched,
active, busy 0 (208 ms), retain 8>
|| |      ||{
|| |      || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |      || "VendorID" = 0x0
|| |      || "CountryCode" = 0x0
|| |      || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |      || "Product" = "PMU2 ildo15"
|| |      || "VersionNumber" = 0x0
|| |      || "IOGeneralInterest" = "IOCommand is not serializable"
|| |      || "PrimaryUsage" = 0x2
|| |      || "LocationID" = 0x4952666c
|| |      || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
```

{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| | || "ProductID" = 0x0
|| | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| | || "Built-In" = Yes
|| | || "ReportInterval" = 0x0
|| | || "HIDServiceSupport" = Yes
|| | || "PrimaryUsagePage" = 0xff08
|| | || "VendorIDSource" = 0x0
|| | || "QueueSize" = 0x0
|| | || }
|| | ||
|| | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b03, !registered, !
matched, active, busy 0, retain 6>
|| | | {
|| | | "IOUserClientDefaultLockingSetProperties" = Yes
|| | | "IOUserClientDefaultLocking" = Yes
|| | | "IOUserClientCreator" = "pid 385, WindowServer"
|| | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| | | "IOUserClientEntitlements" = No
|| | | "DebugState" = {}
|| | | }
|| | |
|| | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000633, registered, matched,
active, busy 0 (206 ms), retain 8>
|| | || {
|| | || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| | || "VendorID" = 0x0
|| | || "CountryCode" = 0x0
|| | || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | || "Product" = "PMU2 ildo17"
|| | || "VersionNumber" = 0x0
|| | || "IOGeneralInterest" = "IOCommand is not serializable"
|| | || "PrimaryUsage" = 0x2
|| | || "LocationID" = 0x4952686c
|| | || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| | || "ProductID" = 0x0
|| | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| | || "Built-In" = Yes
|| | || "ReportInterval" = 0x0
|| | || "HIDServiceSupport" = Yes
|| | || "PrimaryUsagePage" = 0xff08
|| | || "VendorIDSource" = 0x0
|| | || "QueueSize" = 0x0
|| | || }
|| | ||
|| | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b02, !registered, !
matched, active, busy 0, retain 6>
|| | | {
|| | | "IOUserClientDefaultLockingSetProperties" = Yes
|| | | "IOUserClientDefaultLocking" = Yes
|| | | "IOUserClientCreator" = "pid 385, WindowServer"
|| | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| | | "IOUserClientEntitlements" = No
|| | | "DebugState" = {}
|| | | }
|| | |
|| | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000065c, registered, matched,
active, busy 0 (180 ms), retain 8>
|| | || {
|| | || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| | || "VendorID" = 0x0
|| | || "CountryCode" = 0x0
|| | || "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | || "Product" = "PMU2 ildo18"
|| | || "VersionNumber" = 0x0
|| | || "IOGeneralInterest" = "IOCommand is not serializable"
|| | || "PrimaryUsage" = 0x2
|| | || "LocationID" = 0x4952696c
|| | || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| | || "ProductID" = 0x0
|| | || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| | || "Built-In" = Yes
|| | || "ReportInterval" = 0x0
|| | || "HIDServiceSupport" = Yes
|| | || "PrimaryUsagePage" = 0xff08

```
    || |      || "VendorIDSource" = 0x0
    || |      || "QueueSize" = 0x0
    || |      || }
    || |      ||
    || |      | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b01, !registered, !
matched, active, busy 0, retain 6>
    || |      |    {
    || |      |      "IOUserClientDefaultLockingSetProperties" = Yes
    || |      |      "IOUserClientDefaultLocking" = Yes
    || |      |      "IOUserClientCreator" = "pid 385, WindowServer"
    || |      |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || |      |      "IOUserClientEntitlements" = No
    || |      |      "DebugState" = {}
    || |      |    }
    || |      |
    || |      +-o AppleARMPMUPowerSensor  <class AppleARMPMUPowerSensor, id 0x100000660, registered, matched,
active, busy 0 (185 ms), retain 8>
    || |        |{
    || |        || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || |        || "VendorID" = 0x0
    || |        || "CountryCode" = 0x0
    || |        || "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || |        || "Product" = "PMU2 ildo20"
    || |        || "VersionNumber" = 0x0
    || |        || "IOGeneralInterest" = "IOCommand is not serializable"
    || |        || "PrimaryUsage" = 0x2
    || |        || "LocationID" = 0x49526b6c
    || |        || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
    || |        || "ProductID" = 0x0
    || |        || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
    || |        || "Built-In" = Yes
    || |        || "ReportInterval" = 0x0
    || |        || "HIDServiceSupport" = Yes
    || |        || "PrimaryUsagePage" = 0xff08
    || |        || "VendorIDSource" = 0x0
    || |        || "QueueSize" = 0x0
    || |        ||}
    || |        ||
    || |        | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b00, !registered, !
matched, active, busy 0, retain 6>
    || |        |    {
    || |        |      "IOUserClientDefaultLockingSetProperties" = Yes
    || |        |      "IOUserClientDefaultLocking" = Yes
    || |        |      "IOUserClientCreator" = "pid 385, WindowServer"
    || |        |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || |        |      "IOUserClientEntitlements" = No
    || |        |      "DebugState" = {}
    || |        |    }
    || |        |
    || |        +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x100000662, registered, matched,
active, busy 0 (198 ms), retain 8>
    || |          |{
    || |          || "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    || |          || "VendorID" = 0x0
    || |          || "CountryCode" = 0x0
    || |          || "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || |          || "Product" = "gas gauge battery"
    || |          || "VersionNumber" = 0x0
    || |          || "IOGeneralInterest" = "IOCommand is not serializable"
    || |          || "PrimaryUsage" = 0x5
    || |          || "LocationID" = 0x54473042
    || |          || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
    || |          || "ProductID" = 0x0
    || |          || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    || |          || "Built-In" = Yes
    || |          || "ReportInterval" = 0x0
    || |          || "HIDServiceSupport" = Yes
    || |          || "PrimaryUsagePage" = 0xff00
    || |          || "VendorIDSource" = 0x0
    || |          || "QueueSize" = 0x0
    || |          ||}
    || |          ||
    || |          | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000ae0, !registered, !
matched, active, busy 0, retain 6>
    || |          |    {
    || |          |      "IOUserClientDefaultLockingSetProperties" = Yes
```

```
|| |        |      "IOUserClientDefaultLocking" = Yes
|| |        |      "IOUserClientCreator" = "pid 385, WindowServer"
|| |        |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        |      "IOUserClientEntitlements" = No
|| |        |      "DebugState" = {}
|| |        |    }
|| |        |
|| |        +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x100000664, registered, matched,
active, busy 0 (189 ms), retain 8>
|| |        || {
|| |        ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |        ||   "VendorID" = 0x0
|| |        ||   "CountryCode" = 0x0
|| |        ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |        ||   "Product" = "gas gauge battery"
|| |        ||   "VersionNumber" = 0x0
|| |        ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |        ||   "PrimaryUsage" = 0x5
|| |        ||   "LocationID" = 0x54473043
|| |        ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |        ||   "ProductID" = 0x0
|| |        ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |        ||   "Built-In" = Yes
|| |        ||   "ReportInterval" = 0x0
|| |        ||   "HIDServiceSupport" = Yes
|| |        ||   "PrimaryUsagePage" = 0xff00
|| |        ||   "VendorIDSource" = 0x0
|| |        ||   "QueueSize" = 0x0
|| |        || }
|| |        ||
|| |        |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000adf, !registered, !
matched, active, busy 0, retain 6>
|| |        |    {
|| |        |      "IOUserClientDefaultLockingSetProperties" = Yes
|| |        |      "IOUserClientDefaultLocking" = Yes
|| |        |      "IOUserClientCreator" = "pid 385, WindowServer"
|| |        |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        |      "IOUserClientEntitlements" = No
|| |        |      "DebugState" = {}
|| |        |    }
|| |        |
|| |        +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x10000066b, registered, matched,
active, busy 0 (186 ms), retain 8>
|| |        || {
|| |        ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
|| |        ||   "VendorID" = 0x0
|| |        ||   "CountryCode" = 0x0
|| |        ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |        ||   "Product" = "gas gauge battery"
|| |        ||   "VersionNumber" = 0x0
|| |        ||   "IOGeneralInterest" = "IOCommand is not serializable"
|| |        ||   "PrimaryUsage" = 0x5
|| |        ||   "LocationID" = 0x54473048
|| |        ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
|| |        ||   "ProductID" = 0x0
|| |        ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |        ||   "Built-In" = Yes
|| |        ||   "ReportInterval" = 0x0
|| |        ||   "HIDServiceSupport" = Yes
|| |        ||   "PrimaryUsagePage" = 0xff00
|| |        ||   "VendorIDSource" = 0x0
|| |        ||   "QueueSize" = 0x0
|| |        || }
|| |        ||
|| |        |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000ade, !registered, !
matched, active, busy 0, retain 6>
|| |        |    {
|| |        |      "IOUserClientDefaultLockingSetProperties" = Yes
|| |        |      "IOUserClientDefaultLocking" = Yes
|| |        |      "IOUserClientCreator" = "pid 385, WindowServer"
|| |        |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        |      "IOUserClientEntitlements" = No
|| |        |      "DebugState" = {}
|| |        |    }
|| |        |
|| |        +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x100000670, registered, matched,
```

```
active, busy 0 (193 ms), retain 8>
      || |          || {
      || |          ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
      || |          ||   "VendorID" = 0x0
      || |          ||   "CountryCode" = 0x0
      || |          ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
      || |          ||   "Product" = "gas gauge battery"
      || |          ||   "VersionNumber" = 0x0
      || |          ||   "IOGeneralInterest" = "IOCommand is not serializable"
      || |          ||   "PrimaryUsage" = 0x5
      || |          ||   "LocationID" = 0x54473056
      || |          ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
      || |          ||   "ProductID" = 0x0
      || |          ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
      || |          ||   "Built-In" = Yes
      || |          ||   "ReportInterval" = 0x0
      || |          ||   "HIDServiceSupport" = Yes
      || |          ||   "PrimaryUsagePage" = 0xff00
      || |          ||   "VendorIDSource" = 0x0
      || |          ||   "QueueSize" = 0x0
      || |          || }
      || |          ||
      || |          | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000add, !registered, !
matched, active, busy 0, retain 6>
      || |          |   {
      || |          |     "IOUserClientDefaultLockingSetProperties" = Yes
      || |          |     "IOUserClientDefaultLocking" = Yes
      || |          |     "IOUserClientCreator" = "pid 385, WindowServer"
      || |          |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
      || |          |     "IOUserClientEntitlements" = No
      || |          |     "DebugState" = {}
      || |          |   }
      || |          |
      || |          +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x100000672, registered, matched,
active, busy 0 (184 ms), retain 8>
      || |          || {
      || |          ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
      || |          ||   "VendorID" = 0x0
      || |          ||   "CountryCode" = 0x0
      || |          ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
      || |          ||   "Product" = "gas gauge battery"
      || |          ||   "VersionNumber" = 0x0
      || |          ||   "IOGeneralInterest" = "IOCommand is not serializable"
      || |          ||   "PrimaryUsage" = 0x5
      || |          ||   "LocationID" = 0x54473142
      || |          ||   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"Notificatio$
      || |          ||   "ProductID" = 0x0
      || |          ||   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
      || |          ||   "Built-In" = Yes
      || |          ||   "ReportInterval" = 0x0
      || |          ||   "HIDServiceSupport" = Yes
      || |          ||   "PrimaryUsagePage" = 0xff00
      || |          ||   "VendorIDSource" = 0x0
      || |          ||   "QueueSize" = 0x0
      || |          || }
      || |          ||
      || |          | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000adc, !registered, !
matched, active, busy 0, retain 6>
      || |          |   {
      || |          |     "IOUserClientDefaultLockingSetProperties" = Yes
      || |          |     "IOUserClientDefaultLocking" = Yes
      || |          |     "IOUserClientCreator" = "pid 385, WindowServer"
      || |          |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
      || |          |     "IOUserClientEntitlements" = No
      || |          |     "DebugState" = {}
      || |          |   }
      || |          |
      || |          +-o AppleARMPMUTempSensor  <class AppleARMPMUTempSensor, id 0x100000674, registered, matched,
active, busy 0 (189 ms), retain 8>
      || |          || {
      || |          ||   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
      || |          ||   "VendorID" = 0x0
      || |          ||   "CountryCode" = 0x0
      || |          ||   "IOUserClientClass" = "IOHIDEventServiceUserClient"
```

```
|| |    || "Product" = "gas gauge battery"
|| |    || "VersionNumber" = 0x0
|| |    || "IOGeneralInterest" = "IOCommand is not serializable"
|| |    || "PrimaryUsage" = 0x5
|| |    || "LocationID" = 0x54473242
|| |    || "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000),"Notificatio$
|| |    || "ProductID" = 0x0
|| |    || "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |    || "Built-In" = Yes
|| |    || "ReportInterval" = 0x0
|| |    || "HIDServiceSupport" = Yes
|| |    || "PrimaryUsagePage" = 0xff00
|| |    || "VendorIDSource" = 0x0
|| |    || "QueueSize" = 0x0
|| |    ||}
|| |    ||
|| |    |+-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000adb, !registered, !
matched, active, busy 0, retain 6>
|| |    |   {
|| |    |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |    |     "IOUserClientDefaultLocking" = Yes
|| |    |     "IOUserClientCreator" = "pid 385, WindowServer"
|| |    |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |    |     "IOUserClientEntitlements" = No
|| |    |     "DebugState" = {}
|| |    |   }
|| |    |
|| |    +-o smc-pmu  <class AppleSMCInterface, id 0x10000067b, registered, matched, active, busy 0 (88 ms),
retain 9>
|| |    ||{
|| |    || "#address-cells" = <00000000>
|| |    || "event_name-bit12" = <77696669627400>
|| |    || "AAPL,phandle" = <9b000000>
|| |    || "event_name-bit48" = <72746300>
|| |    || "event_name-bit44" = <555342325f77616b6500>
|| |    || "has_lid_open_sensor" = <01000000>
|| |    || "InterruptControllerName" = "IOInterruptController0000009B"
|| |    || "event_name-bit42" = <5553422d435f706c756700>
|| |    || "event_name-bit8" = <6c696400>
|| |    || "event_name-bit0" = <70777262746e00>
|| |    || "event_name-bit40" = <616361747461636800>
|| |    || "name" = <736d632d706d7500>
|| |    || "compatible" = <736d632d706d7500>
|| |    || "interrupt-controller" = <>
|| |    || "event_name-bit9" = <6368617267657200>
|| |    || "#interrupt-cells" = <01000000>
|| |    || "event_name-bit11" = <636f64656300>
|| |    || "event_name-bit21" = <747261636b6f7061646b6579626f61726400>
|| |    || "event_name-bit45" = <6175706f00>
|| |    || "event_name-bit43" = <555342325f706c756700>
|| |    || "device_type" = <696e746572727570742d636f6e74726f6c6c657200>
|| |    || "event_name-bit41" = <616364657461636800>
|| |    || "function-pmu_button" = <1601000044747542>
|| |    ||}
|| |    ||
|| |    |+-o AppleSMCPMU  <class AppleSMCPMU, id 0x100000693, registered, matched, active, busy 0 (72 ms),
retain 10>
|| |    |   {
|| |    |     "IOClass" = "AppleSMCPMU"
|| |    |     "CFBundleIdentifier" = "com.apple.driver.AppleSMC"
|| |    |     "IOProviderClass" = "AppleSMCInterface"
|| |    |     "IOPlatformWakeAction" = 0x2bc
|| |    |     "IOPlatformSleepAction" = 0x2bc
|| |    |     "IOProbeScore" = 0x3e8
|| |    |     "IONameMatch" = ("smc-pmu")
|| |    |     "IOMatchedAtBoot" = Yes
|| |    |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |    |     "IOFunctionParent0000009B" = <>
|| |    |     "IONameMatched" = "smc-pmu"
|| |    |     "IOPersonalityPublisher" = "com.apple.driver.AppleSMC"
|| |    |     "InterruptControllerName" = "IOInterruptController0000009B"
|| |    |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleSMC"
|| |    |   }
|| |    |
|| |    +-o smc-charger-util-0  <class AppleSMCInterface, id 0x10000068b, registered, matched, active, busy 0 (20
ms), retain 9>
|| |    ||{
|| |    || "name" = <736d632d636861726765722d7574696c2d3000>
|| |    || "compatible" = <736d632d636861726765722d7574696c2d00>
|| |    || "dock-num" = <01000000>
|| |    || "port-number" = <01000000>
|| |    || "device_type" = <736d632d636861726765722d7574696c2d00>
|| |    || "port-type" = <02000000>
|| |    || "AAPL,phandle" = <9c000000>
|| |    ||}
```

```
|| |       ||
|| |       | +-o AppleSMCChargerUtil  <class AppleSMCChargerUtil, id 0x1000006b7, registered, matched, active, busy
0 (3 ms), retain 5>
|| |       |   {
|| |       |     "IOProbeScore" = 0x0
|| |       |     "CFBundleIdentifier" = "com.apple.driver.AppleSMC"
|| |       |     "IOProviderClass" = "AppleSMCInterface"
|| |       |     "IOClass" = "AppleSMCChargerUtil"
|| |       |     "IOPersonalityPublisher" = "com.apple.driver.AppleSMC"
|| |       |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleSMC"
|| |       |     "IOMatchedAtBoot" = Yes
|| |       |     "IONameMatch" = ("smc-charger-util")
|| |       |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |       |     "IONameMatched" = "smc-charger-util"
|| |       |   }
|| |       |
|| |       +-o smc-charger-util-1 <class AppleSMCInterface, id 0x10000068c, registered, matched, active, busy 0 (13
ms), retain 9>
|| |       || {
|| |       ||   "name" = <736d632d636861726765722d7574696c2d3100>
|| |       ||   "compatible" = <736d632d636861726765722d7574696c00>
|| |       ||   "dock-num" = <02000000>
|| |       ||   "port-number" = <02000000>
|| |       ||   "device_type" = <736d632d636861726765722d7574696c00>
|| |       ||   "port-type" = <02000000>
|| |       ||   "AAPL,phandle" = <9d000000>
|| |       || }
|| |       ||
|| |       | +-o AppleSMCChargerUtil  <class AppleSMCChargerUtil, id 0x100000692, registered, matched, active, busy
0 (11 ms), retain 5>
|| |       |   {
|| |       |     "IOProbeScore" = 0x0
|| |       |     "CFBundleIdentifier" = "com.apple.driver.AppleSMC"
|| |       |     "IOProviderClass" = "AppleSMCInterface"
|| |       |     "IOClass" = "AppleSMCChargerUtil"
|| |       |     "IOPersonalityPublisher" = "com.apple.driver.AppleSMC"
|| |       |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleSMC"
|| |       |     "IOMatchedAtBoot" = Yes
|| |       |     "IONameMatch" = ("smc-charger-util")
|| |       |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |       |     "IONameMatched" = "smc-charger-util"
|| |       |   }
|| |       |
|| |       +-o AppleSmartBatteryManager  <class AppleSmartBatteryManager, id 0x100000694, registered, matched,
active, busy 0 (45 ms), retain 7>
|| |       || {
|| |       ||   "IOProbeScore" = 0x0
|| |       ||   "CFBundleIdentifier" = "com.apple.driver.AppleSmartBatteryManager"
|| |       ||   "IOMatchCategory" = "AppleSmartBatteryManager"
|| |       ||   "IOClass" = "AppleSmartBatteryManager"
|| |       ||   "IOPersonalityPublisher" = "com.apple.driver.AppleSmartBatteryManager"
|| |       ||   "IOProviderClass" = "AppleSMC"
|| |       ||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleSmartBatteryManager"
|| |       ||   "IOMatchedAtBoot" = Yes
|| |       ||   "IOUserClientClass" = "AppleSmartBatteryManagerUserClient"
|| |       ||   "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| |       || }
|| |       ||
|| |       | +-o AppleSmartBattery  <class AppleSmartBattery, id 0x100000695, registered, matched, active, busy 0 (9
ms), retain 8>
|| |       |   {
|| |       |     "PostChargeWaitSeconds" = 0x78
|| |       |     "built-in" = Yes
|| |       |     "AppleRawAdapterDetails" = ()
|| |       |     "CurrentCapacity" = 0x43
|| |       |     "PackReserve" = 0x82
|| |       |     "DeviceName" = "bq20z451"
|| |       |     "PostDischargeWaitSeconds" = 0x78
|| |       |     "CarrierMode" =
{"CarrierModeLowVoltage"=0xe10,"CarrierModeHighVoltage"=0x1004,"CarrierModeStatus"=0x0}
|| |       |     "TimeRemaining" = 0x13d
|| |       |     "ChargerConfiguration" = 0x0
|| |       |     "IOGeneralInterest" = "IOCommand is not serializable"
|| |       |     "IOReportLegend" =
({"IOReportChannels"=((0x6379636c65636e74,0x181120001,"BatteryCycleCount")),"IOReportGroupName"="Battery","IO
ReportChannelInfo"={"IOReportChannelUnit"=0x0}})
|| |       |     "AtCriticalLevel" = No
|| |       |     "BatteryCellDisconnectCount" = 0x0
|| |       |     "UpdateTime" = 0x68493bdf
|| |       |     "Amperage" = 0xfffffffffffffe0a
|| |       |     "AppleRawCurrentCapacity" = 0x975
|| |       |     "AbsoluteCapacity" = 0x0
|| |       |     "AvgTimeToFull" = 0xffff
|| |       |     "ExternalConnected" = No
|| |       |     "ExternalChargeCapable" = No
|| |       |     "AppleRawBatteryVoltage" = 0x2d6a
|| |       |     "BootVoltage" = 0x0
|| |       |     "BatteryData" =
{"Ra03"=0x7e,"Ra10"=0xab,"CellWom"=(0x0,0x0),"RaTableRaw"=(<00810073006d007b00b9006f007a008b009100a700a
900de0134028703fe0000>,<008a00760071007800ab006300710077007c008d009700b2011d024803b00000>,<008200
```

6e0070007e00a2006200710078007f009400ab00cc011e023a03870000>),"Qstart"=0x0,"AdapterPower"=,"TrueRemainin
gCapacity"=0x0,"DailyMinSoc"=0x40,"Ra04"=0xa2,"Ra11"=0xcc,"CellVoltage"=(0xf29,0xf22,0xf1e),"PackCurrentAccumula
tor"=0xfffffffffb9eae7,"PassedCharge"=0x1ab,"Flags"=0x1000001,"PresentDOD"=(0x24,0x25,0$
```
  || |       |   "BatteryInstalled" = Yes
  || |       |   "IOReportLegendPublic" = Yes
  || |       |   "Serial" = "D861494AAE7PJYRA0"
  || |       |   "AppleRawExternalConnected" = No
  || |       |   "KioskMode" =
```
{"KioskModeLastHighSocHours"=0x0,"KioskModeFullChargeVoltage"=0x0,"KioskModeMode"=0x0,"KioskModeHighSocSec
onds"=0x0,"KioskModeHighSocDays"=0x0}
```
  || |       |   "NominalChargeCapacity" = 0xf71
  || |       |   "FullyCharged" = No
  || |       |   "FullPathUpdated" = 0x68493ba3
  || |       |   "ManufacturerData" =
```
<0000000010020001273500000331373103303032034154c0035000000000000>
```
  || |       |   "FedDetails" =
```
({"FedStateOfCharge"=0x0,"FedPortPowerRole"=0x0,"FedProductID"=0x0,"FedDesignCapacity"=0x0,"FedPdSpecRevision
"=0x0,"FedSnkConfReason"=0x0,"FedVendorID"=0x0,"FedExternalConnected"=0x1,"FedDualRolePower"=0x0,"FedRemaini
ngCapacity"=0x0,"FedPwrPolicySt"=0x0,"FedSrcConfReason"=0x0},
{"FedStateOfCharge"=0x0,"FedPortPowerRole"=0x0,"FedProductID"=0x0,"FedDesignCapacity"=0x0,"FedPdSpecRevision"
=0x0,"FedSnkConfReason"=0x0,"FedVendorID"=0x0,"FedExternalConnected"=0x1,"FedDualRolePower"=0x0,"FedRemainin
gCapacity$
```
  || |       |   "BatteryInvalidWakeSeconds" = 0x1e
  || |       |   "ChargerData" =
```
{"ChargerStatus"=<0600021c00009800000000000000000000000000000000000000000000000000000000000000000000
0000043e4000200000010000000000000000000000000000>,"VacVoltageLimit"=0x10e0,"NotChargingReason"=0x
80,"SlowChargingReason"=0x0,"ChargerResetCounter"=0x0,"ChargerID"=0xc,"TimeChargingThermallyLimited"=0x0,"Char
gingVoltage"=0x10e0,"ChargerInhibitReason"=0x0,"ChargingCurrent"=0x0}
```
  || |       |   "BootPathUpdated" = 0x684690d2
  || |       |   "DesignCycleCount9C" = 0x3e8
  || |       |   "AdapterDetails" = {"FamilyCode"=0x0}
  || |       |   "PowerTelemetryData" =
```
{"AccumulatedWallEnergyEstimate"=0x47038ff,"SystemEnergyConsumed"=0x0,"SystemPowerInAccumulatorCount"=0x49
ec,"AdapterEfficiencyLoss"=0x0,"SystemLoad"=0x14ca,"AccumulatedSystemLoad"=0x14c91e98,"AccumulatedSystemEner
gyConsumed"=0x489f614ff18,"SystemCurrentIn"=0x0,"WallEnergyEstimate"=0x0,"SystemLoadAccumulatorCount"=0x2a5
81,"AdapterEfficiencyLossAccumulatorCount"=0x3680,"SystemVoltageIn"=0x0,"SystemPowerIn"=0x0,"AccumulatedBatter
yPower"=0x7c5fb1e,"PowerTelemetryErrorCount"=0x0,"AccumulatedAdap$
```
  || |       |   "MaxCapacity" = 0x64
  || |       |   "InstantAmperage" = 0xfffffffffffffe0a
  || |       |   "PortControllerInfo" =
```
({"PortControllerLoserReason"=0x1,"PortControllerEvtBuffer"=<005e005e005e005e005e005e005e005e005e005e005e0
05e005e005e0003021a023f025f03011a013f0340005ff1813ff130055ff021f1011a30485f40015e005f5e005e005e005e005e005e0
05e005e005e005e00f203f021f101f203f021f1015e00f203f021f1015e0003021a023f025f>,"PortContr
ollerI2cErrCount"=0x0,"PortControllerIrqCntStsUpd"=0xc,"PortControllerFwVersion"=0x217000,"PortControllerIrqCntConS
rc"=0x0,"PortControllerSrdyCount"=0x8,"PortControllerIrqCntUsb2Plg"=$
```
  || |       |   "GasGaugeFirmwareVersion" = 0x1
  || |       |   "AdapterInfo" = 0x0
  || |       |   "Location" = 0x0
  || |       |   "Temperature" = 0xbb4
  || |       |   "AvgTimeToEmpty" = 0x13d
  || |       |   "BestAdapterIndex" = 0x0
  || |       |   "DesignCapacity" = 0x111e
  || |       |   "IsCharging" = No
  || |       |   "PermanentFailureStatus" = 0x0
  || |       |   "Voltage" = 0x2d6a
  || |       |   "UserVisiblePathUpdated" = 0x68493bdf
  || |       |   "CycleCount" = 0xa9
  || |       |   "AppleRawMaxCapacity" = 0xeef
  || |       |   "VirtualTemperature" = 0xa4f
  || |       }
  || |
  || |   +-o AppleSMCClient  <class AppleSMCClient, id 0x100000d14, !registered, !matched, active, busy 0, retain
5>
  || |       | {
  || |       |   "IOUserClientCreator" = "pid 636, Google Chrome"
  || |       |   "IOUserClientDefaultLocking" = Yes
  || |       | }
  || |
  || |   +-o AppleSMCClient  <class AppleSMCClient, id 0x100000dd3, !registered, !matched, active, busy 0, retain
6>
  || |       | {
  || |       |   "IOUserClientCreator" = "pid 322, systemstats"
  || |       |   "IOUserClientDefaultLocking" = Yes
  || |       | }
  || |
  || |   +-o AppleSMCClient  <class AppleSMCClient, id 0x100004f83, !registered, !matched, active, busy 0, retain
6>
  || |       | {
  || |       |   "IOUserClientCreator" = "pid 4926, PowerChime"
  || |       |   "IOUserClientDefaultLocking" = Yes
  || |       | }
  || |
  || |   +-o AppleSMCClient  <class AppleSMCClient, id 0x100004f84, !registered, !matched, active, busy 0, retain
6>
  || |       | {
  || |       |   "IOUserClientCreator" = "pid 4926, PowerChime"
  || |       |   "IOUserClientDefaultLocking" = Yes
  || |       | }
  || |
  || |   +-o AppleSMCClient  <class AppleSMCClient, id 0x100004ff0, !registered, !matched, active, busy 0, retain 6>
```

```
|| |      | {
|| |      |   "IOUserClientCreator" = "pid 5008, PerfPowerService"
|| |      |   "IOUserClientDefaultLocking" = Yes
|| |      | }
|| |      |
|| |      +-o AppleSMCClient  <class AppleSMCClient, id 0x100004ffb, !registered, !matched, active, busy 0, retain 6>
|| |          {
|| |            "IOUserClientCreator" = "pid 5008, PerfPowerService"
|| |            "IOUserClientDefaultLocking" = Yes
|| |          }
|| |
|| +-o uart0@35200000  <class AppleARMIODevice, id 0x1000002b7, registered, matched, active, busy 0 (345 ms),
retain 9>
|| ||{
|| ||   "compatible" = <756172742d312c73616d73756e6700>
|| ||   "clock-ids" = <4f01000004000000>
|| ||   "interrupt-parent" = <67000000>
|| ||   "interrupts" = <5d020000>
|| ||   "reg" = <00002035000000000040000000000000>
|| ||   "clock-gates" = <36000000>
|| ||   "AAPL,phandle" = <9e000000>
|| ||   "IOInterruptControllers" = ("IOInterruptController00000067")
|| ||   "device_type" = <7561727400>
|| ||   "IOInterruptSpecifiers" = (<5d020000>)
|| ||   "IODeviceMemory" = (({"address"=0x235200000,"length"=0x4000}))
|| ||   "no-flow-control" = <>
|| ||   "function-tx" = <6e0000004f495047a000000002010000>
|| ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| ||   "IOReportLegendPublic" = Yes
|| ||   "uart-version" = <01000000>
|| ||   "boot-console" = <>
|| ||   "name" = <756172743000>
|| ||}
|| ||
|| | +-o AppleSamsungSerial  <class AppleSamsungSerial, id 0x100000344, !registered, !matched, active, busy 0 (178
ms), retain 6>
|| | |{
|| | |   "IOClass" = "AppleSamsungSerial"
|| | |   "CFBundleIdentifier" = "com.apple.driver.AppleSamsungSerial"
|| | |   "IOProviderClass" = "AppleARMIODevice"
|| | |   "IOTTYBaseName" = "debug-console"
|| | |   "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | |   "IOProbeScore" = 0x0
|| | |   "IONameMatch" = ("uart-1,samsung")
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | |   "IONameMatched" = "uart-1,samsung"
|| | |   "IOPersonalityPublisher" = "com.apple.driver.AppleSamsungSerial"
|| | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleSamsungSerial"
|| | |   "IOTTYSuffix" = ""
|| | |}
|| | |
|| | +-o debug-console  <class AppleSimpleUARTSync, id 0x100000386, registered, matched, active, busy 0 (178
ms), retain 10>
|| | |{
|| | |   "IOTTYBaseName" = "debug-console"
|| | |   "serial state" = 0x0
|| | |   "serial flow control" = 0x0
|| | |   "serial parity" = 0x0
|| | |   "AAPL,phandle" = <9f000000>
|| | |   "serial baud rate" = 0x0
|| | |   "HiddenPort" = Yes
|| | |   "AppleOnboardSerialParent0000009F" = <>
|| | |   "serial data width" = 0x0
|| | |   "IOTTYSuffix" = ""
|| | |   "serial stop bits" = 0x0
|| | |   "name" = <64656275672d636f6e736f6c6500>
|| | |}
|| | |
|| | +-o AppleOnboardSerialBSDClient  <class AppleOnboardSerialBSDClient, id 0x10000038b, !registered, !
matched, active, busy 0, retain 5>
|| | | {
|| | |   "IOProbeScore" = 0x3e8
|| | |   "CFBundleIdentifier" = "com.apple.driver.AppleOnboardSerial"
|| | |   "IOMatchCategory" = "AppleOnboardSerialBSDClient"
|| | |   "IOClass" = "AppleOnboardSerialBSDClient"
|| | |   "IOPersonalityPublisher" = "com.apple.driver.AppleOnboardSerial"
|| | |   "IOProviderClass" = "AppleOnboardSerialSync"
|| | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleOnboardSerial"
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "IOResourceMatch" = "IOBSD"
|| | | }
|| | |
|| | +-o IOSerialBSDClient  <class IOSerialBSDClient, id 0x10000038c, registered, matched, active, busy 0 (20 ms),
retain 5>
```

```
|| |       {
|| |         "IOClass" = "IOSerialBSDClient"
|| |         "CFBundleIdentifier" = "com.apple.iokit.IOSerialFamily"
|| |         "IOProviderClass" = "IOSerialStreamSync"
|| |         "IOTTYBaseName" = "debug-console"
|| |         "IOSerialBSDClientType" = "IOSerialStream"
|| |         "IOProbeScore" = 0x3e8
|| |         "IOResourceMatch" = "IOBSD"
|| |         "IOMatchedAtBoot" = Yes
|| |         "IOMatchCategory" = "IODefaultMatchCategory"
|| |         "IOTTYDevice" = "debug-console"
|| |         "IOCalloutDevice" = "/dev/cu.debug-console"
|| |         "IODialinDevice" = "/dev/tty.debug-console"
|| |         "IOPersonalityPublisher" = "com.apple.iokit.IOSerialFamily"
|| |         "CFBundleIdentifierKernel" = "com.apple.iokit.IOSerialFamily"
|| |         "IOTTYSuffix" = ""
|| |       }
|| |
|| +-o dockchannel-uart@3D128000  <class AppleARMIODevice, id 0x1000002b8, registered, matched, active, busy 0
(210 ms), retain 8>
|| ||{
|| ||   "compatible" = <6161706c2c646f636b2d6368616e6e656c7300>
|| ||   "interrupt-parent" = <67000000>
|| ||   "interrupts" = <47010000>
|| ||   "reg" = <0080123d00000000000001000000000000c0103d00000000180000000000000>
|| ||   "AAPL,phandle" = <a0000000>
|| ||   "max-aop-clk" = <00882a11>
|| ||   "dock-wstat-mask" = <ff0f0000>
|| ||   "enable-sw-drain" = <01000000>
|| ||   "device_type" = <646f636b6368616e6e656c00>
|| ||   "IOInterruptControllers" = ("IOInterruptController00000067")
|| ||   "IOInterruptSpecifiers" = (<47010000>)
|| ||   "IODeviceMemory" = (({"address"=0x23d128000,"length"=0x10000}),
({"address"=0x23d10c000,"length"=0x18}))
|| ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"         First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| ||   "IOReportLegendPublic" = Yes
|| ||   "name" = <646f636b6368616e6e656c2d7561727400>
|| ||}
|| ||
|| | +-o AppleSerialShim  <class AppleSerialShim, id 0x100000444, registered, matched, active, busy 0 (0 ms), retain
5>
|| |     {
|| |       "IOProbeScore" = 0x3e8
|| |       "CFBundleIdentifier" = "com.apple.driver.AppleSerialShim"
|| |       "IOProviderClass" = "AppleARMIODevice"
|| |       "IOClass" = "AppleSerialShim"
|| |       "IOPersonalityPublisher" = "com.apple.driver.AppleSerialShim"
|| |       "CFBundleIdentifierKernel" = "com.apple.driver.AppleSerialShim"
|| |       "IOMatchedAtBoot" = Yes
|| |       "IONameMatch" = ("dockchannel-uart")
|| |       "IOMatchCategory" = "IODefaultMatchCategory"
|| |       "IONameMatched" = "dockchannel-uart"
|| |     }
|| |
|| +-o spi1@35104000  <class AppleARMIODevice, id 0x1000002b9, registered, matched, active, busy 0 (309 ms),
retain 9>
|| ||{
|| ||   "compatible" = <7370692d312c7370696d6300>
|| ||   "function-spi_cs0" = <6e0000004f4950472d00000001000100>
|| ||   "interrupt-parent" = <67000000>
|| ||   "interrupts" = <67020000>
|| ||   "reg" = <0040103500000000040000000000000>
|| ||   "clock-gates" = <32000000>
|| ||   "clock-ids" = <79010000>
|| ||   "AAPL,phandle" = <a1000000>
|| ||   "device_type" = <73706900>
|| ||   "#size-cells" = <07000000>
|| ||   "IOInterruptControllers" = ("IOInterruptController00000067")
|| ||   "IOInterruptSpecifiers" = (<67020000>)
|| ||   "#address-cells" = <01000000>
|| ||   "spi-version" = <01000000>
|| ||   "IODeviceMemory" = (({"address"=0x235104000,"length"=0x4000}))
|| ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"         First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| ||   "IOReportLegendPublic" = Yes
|| ||   "name" = <7370693100>
|| ||}
|| ||
|| | +-o AppleSPIMCController  <class AppleSPIMCController, id 0x100000446, !registered, !matched, active, busy 0
(97 ms), retain 5>
|| | |{
```

```
|| | |   "IOClass" = "AppleSPIMCController"
|| | |   "CFBundleIdentifier" = "com.apple.driver.AppleSPIMC"
|| | |   "IOProviderClass" = "AppleARMIODevice"
|| | |   "IOPlatformWakeAction" = 0x1f4
|| | |   "IOPlatformSleepAction" = 0x1f4
|| | |   "IOProbeScore" = 0x0
|| | |   "IONameMatch" = "spi-1,spimc"
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | |   "dma-capable" = Yes
|| | |   "Stats" =
{"intrTimeouts"=0x0,"xfer_hist_count"=0xd8e,"disb_intrs_active"=0x0,"pollTimeouts"=0x0,"xfer"=(0x0,0x0,0x0,0x0,0x0,0x0,0x
0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0xb08,0x51,0x1e,0x1d7,0xd,0x1,0x0,0x32,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0
,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,
0x0,0x0),"poll"=(0xb63,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0
x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,$
|| | |   "IONameMatched" = "spi-1,spimc"
|| | |   "IOPersonalityPublisher" = "com.apple.driver.AppleSPIMC"
|| | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPIMC"
|| | | }
|| | |
|| | +-o spinor@0  <class AppleARMSPIDevice, id 0x100000448, registered, matched, active, busy 0 (97 ms), retain
11>
|| | |   | {
|| | |   | "ranges" = <000000000000000000001000>
|| | |   | "compatible" = <6e6f722d666c6173682c73706900>
|| | |   | "reg" = <0000000019000000000001080000000014000000000000000000000000000000>
|| | |   | "name" = <7370696e6f7200>
|| | |   | "#address-cells" = <01000000>
|| | |   | "device_type" = <7370696e6f7200>
|| | |   | "AAPL,phandle" = <a2000000>
|| | |   | "#size-cells" = <01000000>
|| | |   | }
|| | |
|| | +-o AppleARMSPIFlashController  <class AppleARMSPIFlashController, id 0x10000051b, registered, matched,
active, busy 0 (78 ms), retain 8>
|| | |   | {
|| | |   | "IOClass" = "AppleARMSPIFlashController"
|| | |   | "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
|| | |   | "IOProviderClass" = "AppleARMSPIDevice"
|| | |   | "IOProbeScore" = 0x0
|| | |   | "IONameMatch" = "nor-flash,spi"
|| | |   | "IOMatchedAtBoot" = Yes
|| | |   | "IOMatchCategory" = "IODefaultMatchCategory"
|| | |   | "block-erase-supported" = Yes
|| | |   | "JEDEC-ID" = "0xc22537"
|| | |   | "IONameMatched" = "nor-flash,spi"
|| | |   | "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
|| | |   | "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
|| | |   | }
|| | |
|| | +-o firmware@0  <class AppleARMNORFlashDevice, id 0x10000052d, registered, matched, active, busy 0 (72
ms), retain 8>
|| | | | {
|| | | | "device_type" = <6669726d7761726500>
|| | | | "reg" = <0000000000000020000000200000020000000220000002000>
|| | | | "IODeviceMemory" = ()
|| | | | "name" = <6669726d7761726500>
|| | | | "AAPL,phandle" = <a3000000>
|| | | | "compatible" = <69626f6f742c626f6f7400>
|| | | | }
|| | | |
|| | | +-o AppleEmbeddedSimpleSPINORFlasherDriver  <class AppleEmbeddedSimpleSPINORFlasherDriver, id
0x100000546, registered, matched, active, busy 0 (68 ms), retain 5>
|| | |   | {
|| | |   |   "IOProbeScore" = 0x0
|| | |   |   "CFBundleIdentifier" = "com.apple.AppleEmbeddedSimpleSPINORFlasher"
|| | |   |   "IOProviderClass" = "AppleARMNORFlashDevice"
|| | |   |   "IOClass" = "AppleEmbeddedSimpleSPINORFlasherDriver"
|| | |   |   "IOPersonalityPublisher" = "com.apple.AppleEmbeddedSimpleSPINORFlasher"
|| | |   |   "CFBundleIdentifierKernel" = "com.apple.AppleEmbeddedSimpleSPINORFlasher"
|| | |   |   "IOMatchedAtBoot" = Yes
|| | |   |   "IONameMatch" = "iboot,boot"
|| | |   |   "IOUserClientClass" = "AppleEmbeddedSimpleSPINORFlasherDriverUC"
|| | |   |   "IONameMatched" = "iboot,boot"
|| | |   |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | |   |   }
|| | |
|| | +-o anvram@700000  <class AppleARMNORFlashDevice, id 0x10000052f, registered, matched, active, busy 0
(60 ms), retain 8>
|| | | | {
|| | | | "device_type" = <616e7672616d00>
|| | | | "reg" = <0000700000001000>
|| | | | "IODeviceMemory" = ()
|| | | | "name" = <616e7672616d00>
|| | | | "AAPL,phandle" = <a4000000>
|| | | | "compatible" = <6e7672616d2c6e6f7200>
|| | | | }
|| | | |
|| | +-o AppleARMNORNVRAM  <class AppleARMNORNVRAM, id 0x10000055f, registered, matched, active, busy
```

```
0 (3 ms), retain 5>
|| |    |   {
|| |    |     "IOProbeScore" = 0x0
|| |    |     "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
|| |    |     "IOProviderClass" = "AppleARMNORFlashDevice"
|| |    |     "IOClass" = "AppleARMNORNVRAM"
|| |    |     "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
|| |    |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
|| |    |     "IOMatchedAtBoot" = Yes
|| |    |     "IONameMatch" = "nvram,nor"
|| |    |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |    |     "IONameMatched" = "nvram,nor"
|| |    |   }
|| |    |
|| |    +-o syscfg@422000  <class AppleARMNORFlashDevice, id 0x100000532, registered, matched, active, busy 0
(10 ms), retain 8>
|| |      |{
|| |      |   "device_type" = <73797363666700>
|| |      |   "reg" = <0020420000200000060420000000200>
|| |      |   "IODeviceMemory" = ()
|| |      |   "name" = <73797363666700>
|| |      |   "AAPL,phandle" = <a5000000>
|| |      |   "compatible" = <646961676e6f737469632d646174612c666f726d61743100>
|| |      |}
|| |      |
|| |      +-o AppleDiagnosticDataAccessReadOnly  <class AppleDiagnosticDataAccessReadOnly, id 0x10000055c,
registered, matched, active, busy 0 (5 ms), retain 5>
|| |          {
|| |            "IOClass" = "AppleDiagnosticDataAccessReadOnly"
|| |            "CFBundleIdentifier" = "com.apple.driver.AppleDiagnosticDataAccessReadOnly"
|| |            "IOProviderClass" = "AppleARMNORFlashDevice"
|| |            "IOProbeScore" = 0x63
|| |            "IONameMatch" = "diagnostic-data,format1"
|| |            "IOMatchedAtBoot" = Yes
|| |            "IOMatchCategory" = "IODefaultMatchCategory"
|| |            "AppleDiagnosticDataSysCfg" =
```
```
<fffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffff
ffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffff
ffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffff
ffffffffffffffff$
```
```
|| |            "IONameMatched" = "diagnostic-data,format1"
|| |            "IOPersonalityPublisher" = "com.apple.driver.AppleDiagnosticDataAccessReadOnly"
|| |            "AppleDiagnosticData" =
```
```
<6950434200010000010000008000000fffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffcffef
fff904b8134a3331335f4d505f5450322e305f32303231303732312d00fcffefffff514b8130000000000000000000000000000
0000000000000000000000fcffefff759bb71331000000000000000000000000000000000000000000000000ffffefffe704b
8134b6579577269746520284d4c4223290000000000000000000000ffffeffe704b8134b6579577269746520284d4c422329
000000000000000000000ffffeffe704b8134b6579577269746520284d4c4223290000$
```
```
|| |            "CFBundleIdentifierKernel" = "com.apple.driver.AppleDiagnosticDataAccessReadOnly"
|| |          }
|| |
|| +-o i2c0@35010000  <class AppleARMIODevice, id 0x1000002ba, registered, matched, active, busy 0 (2500 ms),
retain 9>
|| ||{
|| ||   "gpio-iic_scl" = <c0000000201010041500000>
|| ||   "compatible" = <6932632c7438313031006932632c73356c3839343078006969632c736f667400>
|| ||   "gpio-iic_sda" = <bc0000000201010041500000>
|| ||   "interrupt-parent" = <67000000>
|| ||   "interrupts" = <73020000>
|| ||   "clock-gates" = <27000000>
|| ||   "clock-ids" = <04000000>
|| ||   "#address-cels" = <01000000>
|| ||   "reg" = <00000135000000000040000000000000>
|| ||   "device_type" = <69326300>
|| ||   "#size-cells" = <03000000>
|| ||   "AAPL,phandle" = <a6000000>
|| ||   "IOInterruptControllers" = ("IOInterruptController00000067")
|| ||   "IOInterruptSpecifiers" = (<73020000>)
|| ||   "function-device_reset" = <7e0000005453524127000000>
|| ||   "IODeviceMemory" = (({"address"=0x235010000,"length"=0x4000}))
|| ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"         First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"         Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| ||   "IOReportLegendPublic" = Yes
|| ||   "name" = <6932633000>
|| ||}
|| ||
|| |+-o AppleS5L8940XI2CController  <class AppleS5L8940XI2CController, id 0x1000003dc, registered, matched,
active, busy 0 (2306 ms), retain 6>
|| | |{
|| | |   "IOClass" = "AppleS5L8940XI2CController"
|| | |   "CFBundleIdentifier" = "com.apple.driver.AppleS5L8940XI2C"
|| | |   "IOProviderClass" = "AppleARMIODevice"
|| | |   "IOPlatformWakeAction" = 0x1f4
|| | |   "IOPlatformSleepAction" = 0x1f4
|| | |   "IOProbeScore" = 0x3e8
|| | |   "IONameMatch" = "i2c,s5l8940x"
```

```
|| |  |   "IOMatchedAtBoot" = Yes
|| |  |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |  |   "IONameMatched" = "i2c,s5l8940x"
|| |  |   "IOPersonalityPublisher" = "com.apple.driver.AppleS5L8940XI2C"
|| |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleS5L8940XI2C"
|| |  | }
|| |  |
|| |  +-o hpmBusManager@6B  <class AppleARMIICDevice, id 0x1000003e2, registered, matched, active, busy 0 (2304
ms), retain 16>
|| |  |  {
|| |  |   "interrupt-parent" = <6e000000>
|| |  |   "compatible" = <757362632c6d616e6167657200>
|| |  |   "IOUserClientClass" = "AppleARMIICUserClient"
|| |  |   "interrupts" = <6a00000001000000>
|| |  |   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"        First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"        Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"    First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IO$
|| |  |   "IOReportLegendPublic" = Yes
|| |  |   "IOInterruptControllers" = ("IOInterruptController0000006E")
|| |  |   "IOInterruptSpecifiers" = (<6a00000001000000>)
|| |  |   "reg" = <6b000000c4090000000000000000000000>
|| |  |   "AAPL,phandle" = <a7000000>
|| |  |   "name" = <68706d4275734d616e6167657200>
|| |  | }
|| |  |
|| |  +-o AppleHPMBusController  <class AppleHPMBusController, id 0x100000407, registered, matched, active, busy
0 (2298 ms), retain 7>
|| |  |  {
|| |  |   "IOClass" = "AppleHPMBusController"
|| |  |   "CFBundleIdentifier" = "com.apple.driver.AppleHPM"
|| |  |   "IOProviderClass" = "AppleARMIICDevice"
|| |  |   "Actual HPM Controllers" = 0x2
|| |  |   "Expected HPM Controllers" = 0x2
|| |  |   "Sleeping HPM Controllers" = 0x0
|| |  |   "IOProbeScore" = 0x0
|| |  |   "IONameMatch" = "usbc,manager"
|| |  |   "IOMatchedAtBoot" = Yes
|| |  |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |  |   "HPM Interrupt Enabled" = 0x1
|| |  |   "HPM Interrupt Disabled (Sleep)" = 0x0
|| |  |   "IONameMatched" = "usbc,manager"
|| |  |   "IOPersonalityPublisher" = "com.apple.driver.AppleHPM"
|| |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleHPM"
|| |  | }
|| |  |
|| |  +-o hpm0  <class AppleHPMBusDevice, id 0x100000409, registered, matched, active, busy 0 (2043 ms), retain
9>
|| |  | {
|| |  | "features-supported" = <0100000003000000>
|| |  | "transports-supported" = <0100000002000000030000000400000005000000>
|| |  | "port-location" = <6c6566742d6261636b00>
|| |  | "compatible" = <757362632c63643332313700>
|| |  | "acio-parent" = <4e000000>
|| |  | "iicProvider" = <a7000000>
|| |  | "AAPL,phandle" = <a8000000>
|| |  | "dock" = <17010000>
|| |  | "rid" = <00000000>
|| |  | "hpm-class-type" = <0a000000>
|| |  | "hpm-iic-addr" = <38000000>
|| |  | "port-type" = <02000000>
|| |  | "usbc-fw-personality" = <48504d2c323900>
|| |  | "usbc-flash-update" = <01000000>
|| |  | "port-number" = <01000000>
|| |  | "name" = <68706d3000>
|| |  | }
|| |  ||
|| |  | +-o AppleHPMARMI2C  <class AppleHPMARMI2C, id 0x100000432, registered, matched, active, busy 0 (2011
ms), retain 10>
|| |  |  | {
|| |  |  |   "IOClass" = "AppleHPMARMI2C"
|| |  |  |   "CFBundleIdentifier" = "com.apple.driver.AppleHPM"
|| |  |  |   "IOProviderClass" = "AppleHPMBusDevice"
|| |  |  |   "IOCFPlugInTypes" = {"12A1DCCF-CF7A-4775-BEE5-9C4319F4CD2B"="AppleHPM.kext/Contents/PlugIns/
AppleHPMLib.plugin"}
|| |  |  |   "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"DriverPowerState"
=0x1}
|| |  |  |   "IOUserClientClass" = "AppleHPMUserClient"
|| |  |  |   "IOProbeScore" = 0x0
|| |  |  |   "IOMatchedAtBoot" = Yes
|| |  |  |   "RID" = 0x0
|| |  |  |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |  |  |   "IOPersonalityPublisher" = "com.apple.driver.AppleHPM"
|| |  |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleHPM"
|| |  |  | }
|| |  |  |
|| |  |  +-o AppleHPMDevice@38  <class AppleHPMDevice, id 0x100000530, registered, matched, active, busy 0
```

(2007 ms), retain 8>
      || | | | {
      || | | | "Version" = 0x217000
      || | | | "Revision ID" = 0x22
      || | | | "RID" = 0x0
      || | | | "Vendor ID" = 0x28
      || | | | "Address" = 0x38
      || | | | "Device ID" = 0xcd3217
      || | | | "I2C Read Failed" = No
      || | | | "UUID" = "2E798D12-6F67-BA9D-AA4B-A5317FC94CB5"
      || | | | "Revision" = 0x0
      || | | | "HPM Mode Register on Boot" = <04415050>
      || | | | }
      || | | |
      || | | +-o Port-USB-C@1 <class AppleTCControllerType10, id 0x10000053d, registered, matched, active, busy 0
(1816 ms), retain 23>
      || | | | {
      || | | | "IOAccessoryActivePowerMode" = 0x1
      || | | | "PortTypeDescription" = "USB-C"
      || | | | "FeaturesEnabled" = ("TRM","Power In")
      || | | | "IOPersonalityPublisher" = "com.apple.driver.AppleHPM"
      || | | | "FW Version" = <00702100>
      || | | | "CF VID Status Reg" = <0000000000000000000000000000000000000000>
      || | | | "ActiveCable" = No
      || | | | "IOAccessoryPowerMode" = 0x3
      || | | | "IOMatchCategory" = "IODefaultMatchCategory"
      || | | | "ConnectionCount" = 0x2
      || | | | "IOAccessoryUSBConnectType" = 0x0
      || | | | "Pin Configuration" = {"sbu1"=0x0,"tx1"=0x1,"rx2"=0x0,"tx2"=0x0,"sbu2"=0x0,"rx1"=0x2}
      || | | | "IOMatchedAtBoot" = Yes
      || | | | "IOProbeScore" = 0x64
      || | | | "IOClass" = "AppleTCControllerType10"
      || | | | "IOAccessoryPowerCurrentLimits" = (0x0,0x0,0x0,0x0,0x0,0x0)
      || | | | "IOGeneralInterest" = "IOCommand is not serializable"
      || | | | "IOUserClientClass" = "IOAccessoryManagerUserClient"
      || | | | "IOAccessoryPrimaryDevicePort" = 0x1
      || | | | "Boot Flags" = <8101001718182a009366b6a2>
      || | | | "OpticalCable" = No
      || | | | "Description" = "Port-USB-C@1"
      || | | | "CFBundleIdentifier" = "com.apple.driver.AppleHPM"
      || | | | "BuiltIn" = Yes
      || | | | "AppLoaded Count" = 0x1
      || | | | "IOAccessoryManagerType" = 0x4003
      || | | | "TransportsProvisioned" = ("CC")
      || | | | "Overcurrent Count" = 0x0
      || | | | "IOAccessoryUSBSuperSpeedActive" = No
      || | | | "IOAccessorySleepPowerCurrentLimit" = 0x0
      || | | | "AuthorizationRequired" = No
      || | | | "Metadata" = {}
      || | | | "IOAccessoryUSBConnectString" = "None"
      || | | | "TransportsSupported" = ("CC","USB2","USB3","CIO","DisplayPort")
      || | | | "IOAccessoryUSBConnectTypePublished" = 0x0
      || | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleHPM"
      || | | | "IOAccessoryUSBActive" = Yes
      || | | | "IOAccessorySupportedPowerModes" = (0x1,0x3)
      || | | | "UserAuthorizationStatusDescription" = "Not Required"
      || | | | "HPDAsserted" = No
      || | | | "PortDescription" = "Port-USB-C@1"
      || | | | "TransportsUnauthorized" = ()
      || | | | "ConnectionActive" = No
      || | | | "DisplayPortPinAssignment" = 0x0
      || | | | "Data Status Reg" = <0000000000>
      || | | | "PortType" = 0x2
      || | | | "AutoMatched" = No
      || | | | "PlugOrientation" = 0x0
      || | | | "IOProviderClass" = "AppleHPMDevice"
      || | | | "IOAccessoryID" = 0x64
      || | | | "IOAccessoryUSBModeType" = 0x4
      || | | | "IOAccessoryManagerPortAuthentication" = Yes
      || | | | "FeaturesSupported" = ("TRM","Power In")
      || | | | "IOFunctionParent00000117" = <>
      || | | | "IOAccessoryManagerSleepPower" = No
      || | | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
      || | | | "PortNumber" = 0x1
      || | | | "TransportsActive" = ()
      || | | | "Plug Event Count" = 0x5
      || | | | "UserAuthorizationStatus" = 0x0
      || | | | "AccessoryMode" = 0x0
      || | | | "SOP UVDM Update Count" = 0x0
      || | | | "IOAccessoryDetect" = No
      || | | | "Status Reg" = <00000010>
      || | | | }
      || | | |
      || | | +-o Power In <class IOPortFeaturePowerIn, id 0x100000793, registered, matched, active, busy 0 (272 ms),
retain 9>
      || | | | {
      || | | | "Active" = No
      || | | | "ParentPortTypeDescription" = "USB-C"
      || | | | "Metadata" = {}

```
|| |    |    |    "Description" = "Port-USB-C@1/Power In"
|| |    |    |    "ParentBuiltInPortNumber" = 0x1
|| |    |    |    "IOUserClientClass" = "IOPortFeatureUserClient"
|| |    |    |    "FeatureTypeDescription" = "Power In"
|| |    |    |    "ParentPortType" = 0x2
|| |    |    |    "ParentBuiltInPortType" = 0x2
|| |    |    |    "ParentPortNumber" = 0x1
|| |    |    |    "FeatureType" = 0x3
|| |    |    |    "ParentBuiltInPortTypeDescription" = "USB-C"
|| |    |    |  }
|| |    |    |
|| |    |    +-o CC  <class IOPortTransportStateCC, id 0x100000794, registered, matched, active, busy 0 (1463 ms),
retain 9>
|| |    |    | {
|| |    |    |    "TRM_TransportSupervised" = No
|| |    |    |    "ParentPortType" = 0x2
|| |    |    |    "ParentPortBuiltIn" = Yes
|| |    |    |    "ParentBuiltInPortType" = 0x2
|| |    |    |    "AuthenticationStatus" = 0x0
|| |    |    |    "HashStatus" = 0x0
|| |    |    |    "HashStatusDescription" = "Not Set"
|| |    |    |    "Index" = 0x0
|| |    |    |    "Tunneled" = No
|| |    |    |    "ParentPortTypeDescription" = "USB-C"
|| |    |    |    "TransportType" = 0x1
|| |    |    |    "AuthenticationStatusDescription" = "Idle"
|| |    |    |    "ParentBuiltInPortNumber" = 0x1
|| |    |    |    "IOUserClientClass" = "IOPortTransportUserClient"
|| |    |    |    "ParentPortNumber" = 0x1
|| |    |    |    "DriverStatusDescription" = "Not Monitored"
|| |    |    |    "AuthorizationRequired" = No
|| |    |    |    "Metadata" = {}
|| |    |    |    "AuthenticationRequired" = No
|| |    |    |    "TransportTypeDescription" = "CC"
|| |    |    |    "AuthorizationStatus" = 0x0
|| |    |    |    "ParentBuiltInPortTypeDescription" = "USB-C"
|| |    |    |    "TransportDescription" = "Port-USB-C@1/CC"
|| |    |    |    "DriverStatus" = 0x0
|| |    |    |    "IOGeneralInterest" = "IOCommand is not serializable"
|| |    |    |    "Active" = No
|| |    |    |    "AuthorizationStatusDescription" = "Not Required"
|| |    |    |  }
|| |    |    |
|| |    |    +-o IOAccessoryManagerUserClient  <class IOAccessoryManagerUserClient, id 0x10000a52b, !registered, !
matched, active, busy 0, retain 5>
|| |    |    |    {
|| |    |    |      "IOUserClientCreator" = "pid 12827, accessoryd"
|| |    |    |      "IOUserClientDefaultLocking" = Yes
|| |    |    |    }
|| |    |    |
|| |    +-o hpm1  <class AppleHPMBusDevice, id 0x10000041b, registered, matched, active, busy 0 (703 ms), retain
9>
|| |    |    | {
|| |    |    |   "features-supported" = <0100000003000000>
|| |    |    |   "transports-supported" = <01000000020000000300000004000000050000000>
|| |    |    |   "port-location" = <6c6566742d66726f6e7400>
|| |    |    |   "compatible" = <757362632c63643332313700>
|| |    |    |   "acio-parent" = <58000000>
|| |    |    |   "iicProvider" = <a7000000>
|| |    |    |   "AAPL,phandle" = <a9000000>
|| |    |    |   "dock" = <18010000>
|| |    |    |   "rid" = <01000000>
|| |    |    |   "hpm-class-type" = <0a000000>
|| |    |    |   "hpm-iic-addr" = <3f000000>
|| |    |    |   "port-type" = <02000000>
|| |    |    |   "usbc-flash-update" = <00000000>
|| |    |    |   "port-number" = <02000000>
|| |    |    |   "name" = <68706d3100>
|| |    |    | }
|| |    |    |
|| |    +-o AppleHPMARMI2C  <class AppleHPMARMI2C, id 0x1000004e9, registered, matched, active, busy 0 (666
ms), retain 10>
|| |    |    | {
|| |    |    |   "IOClass" = "AppleHPMARMI2C"
|| |    |    |   "CFBundleIdentifier" = "com.apple.driver.AppleHPM"
|| |    |    |   "IOProviderClass" = "AppleHPMBusDevice"
|| |    |    |   "IOCFPlugInTypes" = {"12A1DCCF-CF7A-4775-BEE5-9C4319F4CD2B"="AppleHPM.kext/Contents/PlugIns/
AppleHPMLib.plugin"}
|| |    |    |   "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"DriverPowerState"
=0x1}
|| |    |    |   "IOUserClientClass" = "AppleHPMUserClient"
|| |    |    |   "IOProbeScore" = 0x0
|| |    |    |   "IOMatchedAtBoot" = Yes
|| |    |    |   "RID" = 0x1
|| |    |    |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |    |    |   "IOPersonalityPublisher" = "com.apple.driver.AppleHPM"
|| |    |    |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleHPM"
|| |    |    | }
|| |    |    |
```

```
|| |        +-o AppleHPMDevice@3F  <class AppleHPMDevice, id 0x100000555, registered, matched, active, busy 0
(659 ms), retain 8>
|| |        | {
|| |        |   "Version" = 0x217000
|| |        |   "Revision ID" = 0x22
|| |        |   "RID" = 0x1
|| |        |   "Vendor ID" = 0x28
|| |        |   "Address" = 0x3f
|| |        |   "Device ID" = 0xcd3217
|| |        |   "I2C Read Failed" = No
|| |        |   "UUID" = "90278912-1630-9DB9-EB42-380805BFD7D8"
|| |        |   "Revision" = 0x0
|| |        |   "HPM Mode Register on Boot" = <04415050>
|| |        | }
|| |        |
|| |        +-o Port-USB-C@2  <class AppleTCControllerType10, id 0x100000580, registered, matched, active, busy 0
(480 ms), retain 23>
|| |          | {
|| |          |   "IOAccessoryActivePowerMode" = 0x1
|| |          |   "PortTypeDescription" = "USB-C"
|| |          |   "FeaturesEnabled" = ("TRM","Power In")
|| |          |   "IOPersonalityPublisher" = "com.apple.driver.AppleHPM"
|| |          |   "FW Version" = <00702100>
|| |          |   "CF VID Status Reg" = <00000000000000000000000000000000000000>
|| |          |   "ActiveCable" = No
|| |          |   "IOAccessoryPowerMode" = 0x3
|| |          |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |          |   "ConnectionCount" = 0x4
|| |          |   "IOAccessoryUSBConnectType" = 0x0
|| |          |   "Pin Configuration" = {"sbu1"=0x0,"tx1"=0x0,"rx2"=0x4,"tx2"=0x3,"sbu2"=0x0,"rx1"=0x0}
|| |          |   "IOMatchedAtBoot" = Yes
|| |          |   "IOProbeScore" = 0x64
|| |          |   "IOClass" = "AppleTCControllerType10"
|| |          |   "IOAccessoryPowerCurrentLimits" = (0x0,0x0,0x0,0x0,0x0,0x0)
|| |          |   "IOGeneralInterest" = "IOCommand is not serializable"
|| |          |   "IOUserClientClass" = "IOAccessoryManagerUserClient"
|| |          |   "IOAccessoryPrimaryDevicePort" = 0x102
|| |          |   "Boot Flags" = <010002171f1f2a009366b6a2>
|| |          |   "OpticalCable" = No
|| |          |   "Description" = "Port-USB-C@2"
|| |          |   "CFBundleIdentifier" = "com.apple.driver.AppleHPM"
|| |          |   "BuiltIn" = Yes
|| |          |   "AppLoaded Count" = 0x1
|| |          |   "IOAccessoryManagerType" = 0x4003
|| |          |   "TransportsProvisioned" = ("CC")
|| |          |   "Overcurrent Count" = 0x0
|| |          |   "IOAccessoryUSBSuperSpeedActive" = No
|| |          |   "IOAccessorySleepPowerCurrentLimit" = 0x0
|| |          |   "AuthorizationRequired" = No
|| |          |   "Metadata" = {}
|| |          |   "IOAccessoryUSBConnectString" = "None"
|| |          |   "TransportsSupported" = ("CC","USB2","USB3","CIO","DisplayPort")
|| |          |   "IOAccessoryUSBConnectTypePublished" = 0x0
|| |          |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleHPM"
|| |          |   "IOAccessoryUSBActive" = Yes
|| |          |   "IOAccessorySupportedPowerModes" = (0x1,0x3)
|| |          |   "UserAuthorizationStatusDescription" = "Not Required"
|| |          |   "HPDAsserted" = Yes
|| |          |   "PortDescription" = "Port-USB-C@2"
|| |          |   "TransportsUnauthorized" = ()
|| |          |   "ConnectionActive" = No
|| |          |   "DisplayPortPinAssignment" = No
|| |          |   "Data Status Reg" = <0000000000>
|| |          |   "PortType" = 0x2
|| |          |   "AutoMatched" = No
|| |          |   "PlugOrientation" = 0x0
|| |          |   "IOProviderClass" = "AppleHPMDevice"
|| |          |   "IOAccessoryID" = 0x64
|| |          |   "IOAccessoryUSBModeType" = 0x4
|| |          |   "IOAccessoryManagerPortAuthentication" = Yes
|| |          |   "FeaturesSupported" = ("TRM","Power In")
|| |          |   "IOAccessoryManagerSleepPower" = No
|| |          |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| |          |   "PortNumber" = 0x2
|| |          |   "IOFunctionParent00000118" = <>
|| |          |   "TransportsActive" = ()
|| |          |   "Plug Event Count" = 0x9
|| |          |   "UserAuthorizationStatus" = 0x0
|| |          |   "AccessoryMode" = 0x0
|| |          |   "SOP UVDM Update Count" = 0x0
|| |          |   "IOAccessoryDetect" = No
|| |          |   "Status Reg" = <00000050>
|| |          | }
|| |          |
|| |          +-o CC  <class IOPortTransportStateCC, id 0x100000778, registered, matched, active, busy 0 (336 ms),
retain 9>
|| |            | {
|| |            |   "TRM_TransportSupervised" = No
|| |            |   "ParentPortType" = 0x2
```

```
|| |            |     "ParentPortBuiltIn" = Yes
|| |            |     "ParentBuiltInPortType" = 0x2
|| |            |     "AuthenticationStatus" = 0x0
|| |            |     "HashStatus" = 0x0
|| |            |     "HashStatusDescription" = "Not Set"
|| |            |     "Index" = 0x0
|| |            |     "Tunneled" = No
|| |            |     "ParentPortTypeDescription" = "USB-C"
|| |            |     "TransportType" = 0x1
|| |            |     "AuthenticationStatusDescription" = "Idle"
|| |            |     "ParentBuiltInPortNumber" = 0x2
|| |            |     "IOUserClientClass" = "IOPortTransportUserClient"
|| |            |     "ParentPortNumber" = 0x2
|| |            |     "DriverStatusDescription" = "Not Monitored"
|| |            |     "AuthorizationRequired" = No
|| |            |     "Metadata" = {}
|| |            |     "AuthenticationRequired" = No
|| |            |     "TransportTypeDescription" = "CC"
|| |            |     "AuthorizationStatus" = 0x0
|| |            |     "ParentBuiltInPortTypeDescription" = "USB-C"
|| |            |     "TransportDescription" = "Port-USB-C@2/CC"
|| |            |     "DriverStatus" = 0x0
|| |            |     "IOGeneralInterest" = "IOCommand is not serializable"
|| |            |     "Active" = No
|| |            |     "AuthorizationStatusDescription" = "Not Required"
|| |            |   }
|| |            |
|| |            +-o Power In  <class IOPortFeaturePowerIn, id 0x10000077a, registered, matched, active, busy 0 (7 ms),
retain 9>
|| |            |   {
|| |            |     "Active" = No
|| |            |     "ParentPortTypeDescription" = "USB-C"
|| |            |     "Metadata" = {}
|| |            |     "Description" = "Port-USB-C@2/Power In"
|| |            |     "ParentBuiltInPortNumber" = 0x2
|| |            |     "IOUserClientClass" = "IOPortFeatureUserClient"
|| |            |     "FeatureTypeDescription" = "Power In"
|| |            |     "ParentPortType" = 0x2
|| |            |     "ParentBuiltInPortType" = 0x2
|| |            |     "ParentPortNumber" = 0x2
|| |            |     "FeatureType" = 0x3
|| |            |     "ParentBuiltInPortTypeDescription" = "USB-C"
|| |            |   }
|| |            |
|| |            +-o IOAccessoryManagerUserClient  <class IOAccessoryManagerUserClient, id 0x10000a52c, !registered, !
matched, active, busy 0, retain 5>
|| |                {
|| |                  "IOUserClientCreator" = "pid 12827, accessoryd"
|| |                  "IOUserClientDefaultLocking" = Yes
|| |                }
|| |
|| +-o admac-sio@38200000  <class AppleARMIODevice, id 0x1000002bb, registered, matched, active, busy 0 (309
ms), retain 8>
|| ||{
|| ||   "IOInterruptSpecifiers" = (<72020000>)
|| ||   "#dma-channels" = <0c000000>
|| ||   "clock-gates" = <2f00000058010000>
|| ||   "irq-destination-index" = <01000000>
|| ||   "channel-buffer-allocation" = <0040000000000000>
|| ||   "channels-offset" = <28000000>
|| ||   "AAPL,phandle" = <aa000000>
|| ||   "irq-destinations" = <5550435320434941444534e554b4c4353>
|| ||   "IODeviceMemory" = (({"address"=0x238200000,"length"=0x34000}),
({"address"=0x23d2a8000,"length"=0x8}))
|| ||   "IOReportLegendPublic" = Yes
|| ||   "iommu-parent" = <95000000>
|| ||   "IOInterruptControllers" = ("IOInterruptController00000067")
|| ||   "name" = <61646d61632d73696f00>
|| ||   "interrupt-parent" = <67000000>
|| ||   "compatible" = <61646d61632c743831303300>
|| ||   "interrupts" = <72020000>
|| ||   "clock-ids" = <4d0100004e010000>
|| ||   "role" = <204f4953>
|| ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| ||   "device_type" = <61646d616300>
|| ||   "power-gates" = <2f00000058010000>
|| ||   "reg" = <0000203800000000004003000000000000802a3d00000000080000000000000>
|| ||}
|| ||
|| |+-o IODMAController000000AA  <class AudioDMAController, id 0x10000044b, registered, matched, active, busy 0
(59 ms), retain 67>
|| | |{
|| | |   "IOClass" = "AudioDMAController"
|| | |   "CFBundleIdentifier" = "com.apple.driver.AudioDMAController-T8103"
|| | |   "IOProviderClass" = "AppleARMIODevice"
```

```
 ||  |  |   "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState
"=0x1}
 ||  |  |   "IOFunctionParent000000AA" = <>
 ||  |  |   "IOProbeScore" = 0x0
 ||  |  |   "IONameMatch" = ("admac,t8103")
 ||  |  |   "IOMatchedAtBoot" = Yes
 ||  |  |   "IOMatchCategory" = "IODefaultMatchCategory"
 ||  |  |   "IOReportLegend" =
({"IOReportGroupName"="SIO","IOReportChannels"=((0x4144414749525143,0x100040001,"Aggregate Count"),
(0x4144434f49525143,0x100040001,"Controller Count"),(0x4144434849525143,0x100040001,"Channel
Count")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Interrupts
"},{"IOReportGroupName"="SIO","IOReportChannels"=((0x4144435442445020,0x2f00080003,"Timebase Offset
(Positive)")),"IOReportChannelInfo"={"IOReportChannelConfig"=<e803000000000000000000000900000010270000000
0000001$
 ||  |  |   "IOReportLegendPublic" = Yes
 ||  |  |   "IONameMatched" = "admac,t8103"
 ||  |  |   "IOPersonalityPublisher" = "com.apple.driver.AudioDMAController-T8103"
 ||  |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AudioDMAController-T8103"
 ||  |  |}
 ||  |  |
 ||  |  +-o SIO0TX  <class AudioDMAChannel, id 0x100000588, registered, matched, active, busy 0 (5 ms), retain 8>
 ||  |  |  {
 ||  |  |    "Direction" = "TX"
 ||  |  |    "IOProviderClass" = "AudioDMAController"
 ||  |  |    "IOClass" = "AudioDMAChannel"
 ||  |  |    "State" = "Sleeping"
 ||  |  |    "IOReportLegendPublic" = Yes
 ||  |  |    "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
 ||  |  |    "IOReportLegend" =
({"IOReportGroupName"="Tx","IOReportChannels"=((0x414453534d543030,0xb81000002,"ChannelState")),"IOReportCh
annelInfo"={"IOReportChannelUnit"=0x100007900000000},"IOReportSubGroupName"="CSM"},
{"IOReportGroupName"="Tx","IOReportChannels"=((0x4144444350543030,0x1400080003,"DMA
C2P")),"IOReportChannelInfo"={"IOReportChannelConfig"=<a0860100000000000000000a000000809698000000000
0010000000a000000>,"IOReportChannelUnit"=0x100007600000000},"IOReportSubGroupName"="DMACMPLHistogram"
},{"IOReportGroupName"="Tx","IORe$
 ||  |  |  }
 ||  |  |
 ||  |  +-o SIO1TX  <class AudioDMAChannel, id 0x100000589, registered, matched, active, busy 0 (59 ms), retain 8>
 ||  |  |  {
 ||  |  |    "IOClass" = "AudioDMAChannel"
 ||  |  |    "IOProviderClass" = "AudioDMAController"
 ||  |  |    "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
 ||  |  |    "Direction" = "TX"
 ||  |  |    "State" = "Uninitialized"
 ||  |  |  }
 ||  |  |
 ||  |  +-o SIO2TX  <class AudioDMAChannel, id 0x100000594, registered, matched, active, busy 0 (49 ms), retain 8>
 ||  |  |  {
 ||  |  |    "Direction" = "TX"
 ||  |  |    "IOProviderClass" = "AudioDMAController"
 ||  |  |    "IOClass" = "AudioDMAChannel"
 ||  |  |    "State" = "Sleeping"
 ||  |  |    "IOReportLegendPublic" = Yes
 ||  |  |    "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
 ||  |  |    "IOReportLegend" =
({"IOReportGroupName"="Tx","IOReportChannels"=((0x414453534d543032,0xb81000002,"ChannelState")),"IOReportCh
annelInfo"={"IOReportChannelUnit"=0x100007900000000},"IOReportSubGroupName"="CSM"},
{"IOReportGroupName"="Tx","IOReportChannels"=((0x4144444350543032,0x1400080003,"DMA
C2P")),"IOReportChannelInfo"={"IOReportChannelConfig"=<a0860100000000000000000a000000809698000000000
0010000000a000000>,"IOReportChannelUnit"=0x100007600000000},"IOReportSubGroupName"="DMACMPLHistogram"
},{"IOReportGroupName"="Tx","IORe$
 ||  |  |  }
 ||  |  |
 ||  |  +-o SIO3TX  <class AudioDMAChannel, id 0x100000595, registered, matched, active, busy 0 (50 ms), retain 8>
 ||  |  |  {
 ||  |  |    "IOClass" = "AudioDMAChannel"
 ||  |  |    "IOProviderClass" = "AudioDMAController"
 ||  |  |    "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
 ||  |  |    "Direction" = "TX"
 ||  |  |    "State" = "Uninitialized"
 ||  |  |  }
 ||  |  |
 ||  |  +-o SIO4TX  <class AudioDMAChannel, id 0x100000596, registered, matched, active, busy 0 (7 ms), retain 8>
 ||  |  |  {
 ||  |  |    "IOClass" = "AudioDMAChannel"
 ||  |  |    "IOProviderClass" = "AudioDMAController"
 ||  |  |    "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
 ||  |  |    "Direction" = "TX"
 ||  |  |    "State" = "Uninitialized"
 ||  |  |  }
 ||  |  |
 ||  |  +-o SIO5TX  <class AudioDMAChannel, id 0x100000597, registered, matched, active, busy 0 (49 ms), retain 8>
 ||  |  |  {
 ||  |  |    "IOClass" = "AudioDMAChannel"
```

```
|| | |    "IOProviderClass" = "AudioDMAController"
|| | |    "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |    "Direction" = "TX"
|| | |    "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o SIO6TX  <class AudioDMAChannel, id 0x100000598, registered, matched, active, busy 0 (42 ms), retain 8>
|| | | {
|| | |    "Direction" = "TX"
|| | |    "IOProviderClass" = "AudioDMAController"
|| | |    "IOClass" = "AudioDMAChannel"
|| | |    "State" = "Sleeping"
|| | |    "IOReportLegendPublic" = Yes
|| | |    "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |    "IOReportLegend" =
({"IOReportGroupName"="Tx","IOReportChannels"=((0x414453534d543036,0xb81000002,"ChannelState")),"IOReportCh
annelInfo"={"IOReportChannelUnit"=0x100007900000000},"IOReportSubGroupName"="CSM"},
{"IOReportGroupName"="Tx","IOReportChannels"=((0x4144444350543036,0x1400080003,"DMA
C2P")),"IOReportChannelInfo"={"IOReportChannelConfig"=<a08601000000000000000000a000000809698000000000
0010000000a000000>,"IOReportChannelUnit"=0x100007600000000},"IOReportSubGroupName"="DMACMPLHistogram"
},{"IOReportGroupName"="Tx","IORe$
|| | | }
|| | |
|| | +-o SIO7TX  <class AudioDMAChannel, id 0x100000599, registered, matched, active, busy 0 (24 ms), retain 8>
|| | | {
|| | |    "IOClass" = "AudioDMAChannel"
|| | |    "IOProviderClass" = "AudioDMAController"
|| | |    "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |    "Direction" = "TX"
|| | |    "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o SIO8TX  <class AudioDMAChannel, id 0x10000059a, registered, matched, active, busy 0 (24 ms), retain 8>
|| | | {
|| | |    "IOClass" = "AudioDMAChannel"
|| | |    "IOProviderClass" = "AudioDMAController"
|| | |    "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |    "Direction" = "TX"
|| | |    "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o SIO9TX  <class AudioDMAChannel, id 0x10000059b, registered, matched, active, busy 0 (23 ms), retain 8>
|| | | {
|| | |    "IOClass" = "AudioDMAChannel"
|| | |    "IOProviderClass" = "AudioDMAController"
|| | |    "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |    "Direction" = "TX"
|| | |    "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o SIOATX  <class AudioDMAChannel, id 0x10000059c, registered, matched, active, busy 0 (25 ms), retain 8>
|| | | {
|| | |    "IOClass" = "AudioDMAChannel"
|| | |    "IOProviderClass" = "AudioDMAController"
|| | |    "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |    "Direction" = "TX"
|| | |    "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o SIOBTX  <class AudioDMAChannel, id 0x10000059d, registered, matched, active, busy 0 (22 ms), retain 8>
|| | | {
|| | |    "IOClass" = "AudioDMAChannel"
|| | |    "IOProviderClass" = "AudioDMAController"
|| | |    "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |    "Direction" = "TX"
|| | |    "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o SIO0RX  <class AudioDMAChannel, id 0x10000059e, registered, matched, active, busy 0 (29 ms), retain 8>
|| | | {
|| | |    "Direction" = "RX"
|| | |    "IOProviderClass" = "AudioDMAController"
|| | |    "IOClass" = "AudioDMAChannel"
|| | |    "State" = "Sleeping"
|| | |    "IOReportLegendPublic" = Yes
|| | |    "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |    "IOReportLegend" =
({"IOReportGroupName"="Rx","IOReportChannels"=((0x414453534d523030,0xb81000002,"ChannelState")),"IOReportCh
annelInfo"={"IOReportChannelUnit"=0x100007900000000},"IOReportSubGroupName"="CSM"},
{"IOReportGroupName"="Rx","IOReportChannels"=((0x4144444350523030,0x1400080003,"DMA
C2P")),"IOReportChannelInfo"={"IOReportChannelConfig"=<a08601000000000000000000a000000809698000000000
0010000000a000000>,"IOReportChannelUnit"=0x100007600000000},"IOReportSubGroupName"="DMACMPLHistogram"
```

```
},{"IOReportGroupName"="Rx","IORe$
  || |  | }
  || |  |
  || | +-o SIO1RX  <class AudioDMAChannel, id 0x10000059f, registered, matched, active, busy 0 (24 ms), retain 8>
  || |  | {
  || |  |   "IOClass" = "AudioDMAChannel"
  || |  |   "IOProviderClass" = "AudioDMAController"
  || |  |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
  || |  |   "Direction" = "RX"
  || |  |   "State" = "Uninitialized"
  || |  | }
  || |  |
  || | +-o SIO2RX  <class AudioDMAChannel, id 0x1000005a0, registered, matched, active, busy 0 (22 ms), retain 8>
  || |  | {
  || |  |   "IOClass" = "AudioDMAChannel"
  || |  |   "IOProviderClass" = "AudioDMAController"
  || |  |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
  || |  |   "Direction" = "RX"
  || |  |   "State" = "Uninitialized"
  || |  | }
  || |  |
  || | +-o SIO3RX  <class AudioDMAChannel, id 0x1000005a1, registered, matched, active, busy 0 (23 ms), retain 8>
  || |  | {
  || |  |   "IOClass" = "AudioDMAChannel"
  || |  |   "IOProviderClass" = "AudioDMAController"
  || |  |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
  || |  |   "Direction" = "RX"
  || |  |   "State" = "Uninitialized"
  || |  | }
  || |  |
  || | +-o SIO4RX  <class AudioDMAChannel, id 0x1000005a2, registered, matched, active, busy 0 (24 ms), retain 8>
  || |  | {
  || |  |   "IOClass" = "AudioDMAChannel"
  || |  |   "IOProviderClass" = "AudioDMAController"
  || |  |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
  || |  |   "Direction" = "RX"
  || |  |   "State" = "Uninitialized"
  || |  | }
  || |  |
  || | +-o SIO5RX  <class AudioDMAChannel, id 0x1000005a3, registered, matched, active, busy 0 (23 ms), retain 8>
  || |  | {
  || |  |   "IOClass" = "AudioDMAChannel"
  || |  |   "IOProviderClass" = "AudioDMAController"
  || |  |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
  || |  |   "Direction" = "RX"
  || |  |   "State" = "Uninitialized"
  || |  | }
  || |  |
  || | +-o SIO6RX  <class AudioDMAChannel, id 0x1000005a4, registered, matched, active, busy 0 (23 ms), retain 8>
  || |  | {
  || |  |   "IOClass" = "AudioDMAChannel"
  || |  |   "IOProviderClass" = "AudioDMAController"
  || |  |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
  || |  |   "Direction" = "RX"
  || |  |   "State" = "Uninitialized"
  || |  | }
  || |  |
  || | +-o SIO7RX  <class AudioDMAChannel, id 0x1000005a5, registered, matched, active, busy 0 (24 ms), retain 8>
  || |  | {
  || |  |   "Direction" = "RX"
  || |  |   "IOProviderClass" = "AudioDMAController"
  || |  |   "IOClass" = "AudioDMAChannel"
  || |  |   "State" = "Sleeping"
  || |  |   "IOReportLegendPublic" = Yes
  || |  |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
  || |  |   "IOReportLegend" =
({"IOReportGroupName"="Rx","IOReportChannels"=((0x414453534d523037,0xb81000002,"ChannelState")),"IOReportCh
annelInfo"={"IOReportChannelUnit"=0x100007900000000},"IOReportSubGroupName"="CSM"},
{"IOReportGroupName"="Rx","IOReportChannels"=((0x4144444350523037,0x1400080003,"DMA
C2P")),"IOReportChannelInfo"={"IOReportChannelConfig"=<a0860100000000000000000a00000809698000000000
0010000000a000000>,"IOReportChannelUnit"=0x100007600000000},"IOReportSubGroupName"="DMACMPLHistogram"
},{"IOReportGroupName"="Rx","IORe$
  || |  | }
  || |  |
  || | +-o SIO8RX  <class AudioDMAChannel, id 0x1000005a6, registered, matched, active, busy 0 (24 ms), retain 8>
  || |  | {
  || |  |   "IOClass" = "AudioDMAChannel"
  || |  |   "IOProviderClass" = "AudioDMAController"
  || |  |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
  || |  |   "Direction" = "RX"
  || |  |   "State" = "Uninitialized"
  || |  | }
```

```
|| | |
|| | +-o SIO9RX  <class AudioDMAChannel, id 0x1000005a7, registered, matched, active, busy 0 (37 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMAChannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "RX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o SIOARX  <class AudioDMAChannel, id 0x1000005a8, registered, matched, active, busy 0 (37 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMAChannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "RX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o SIOBRX  <class AudioDMAChannel, id 0x1000005a9, registered, matched, active, busy 0 (23 ms), retain 8>
|| |   {
|| |     "IOClass" = "AudioDMAChannel"
|| |     "IOProviderClass" = "AudioDMAController"
|| |     "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| |     "Direction" = "RX"
|| |     "State" = "Uninitialized"
|| |   }
|| |
|| +-o admac-aop-audio@4A980000  <class AppleARMIODevice, id 0x1000002bc, registered, matched, active, busy 0
(261 ms), retain 8>
|| ||{
|| ||   "IOInterruptSpecifiers" = (<41010000>)
|| ||   "#dma-channels" = <10000000>
|| ||   "irq-destination-index" = <02000000>
|| ||   "AAPL,phandle" = <ab000000>
|| ||   "channel-buffer-allocation" = <0030000000000000>
|| ||   "channels-offset" = <00000000>
|| ||   "irq-destinations" = <5550434155504353204349414b4c4353>
|| ||   "IODeviceMemory" = (({"address"=0x24a980000,"length"=0x34000}),
({"address"=0x23d2a8000,"length"=0x8}))
|| ||   "IOReportLegendPublic" = Yes
|| ||   "iommu-parent" = <7c000000>
|| ||   "external-power" = <>
|| ||   "IOInterruptControllers" = ("IOInterruptController00000067")
|| ||   "name" = <61646d61632d616f702d617564696f00>
|| ||   "interrupt-parent" = <67000000>
|| ||   "compatible" = <61646d61632c743831303300>
|| ||   "interrupts" = <41010000>
|| ||   "clock-ids" = <0d0100001c010000>
|| ||   "role" = <20415041>
|| ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| ||   "device_type" = <61646d616300>
|| ||   "reg" = <0000984a000000000040030000000000000802a3d0000000008000000000000000>
|| ||}
|| ||
|| |+-o IODMAController000000AB  <class AudioDMAController, id 0x100000441, registered, matched, active, busy 0
(50 ms), retain 73>
|| | |{
|| | |   "IOClass" = "AudioDMAController"
|| | |   "CFBundleIdentifier" = "com.apple.driver.AudioDMAController-T8103"
|| | |   "IOProviderClass" = "AppleARMIODevice"
|| | |   "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState
"=0x1}
|| | |   "IOProbeScore" = 0x0
|| | |   "IONameMatch" = ("admac,t8103")
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | |   "IOReportLegend" =
({"IOReportGroupName"="SIO","IOReportChannels"=((0x4144414749525143,0x100040001,"Aggregate Count"),
(0x4144434f49525143,0x100040001,"Controller Count"),(0x4144434849525143,0x100040001,"Channel
Count")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Interrupts
"},{"IOReportGroupName"="SIO","IOReportChannels"=((0x4144435442445020,0x2f00080003,"Timebase Offset
(Positive)")),"IOReportChannelInfo"={"IOReportChannelConfig"=<e80300000000000000000000900000010270000000
0000001$
|| | |   "IOReportLegendPublic" = Yes
|| | |   "IOFunctionParent000000AB" = <>
|| | |   "IONameMatched" = "admac,t8103"
|| | |   "IOPersonalityPublisher" = "com.apple.driver.AudioDMAController-T8103"
|| | |   "CFBundleIdentifierKernel" = "com.apple.driver.AudioDMAController-T8103"
|| | |}
|| | |
```

```
|| | +-o APA0TX  <class AudioDMAChannel, id 0x100000445, registered, matched, active, busy 0 (25 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMAChannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APA1TX  <class AudioDMAChannel, id 0x100000453, registered, matched, active, busy 0 (45 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMAChannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APA2TX  <class AudioDMAChannel, id 0x100000459, registered, matched, active, busy 0 (18 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMAChannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APA3TX  <class AudioDMAChannel, id 0x10000045a, registered, matched, active, busy 0 (14 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMAChannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APA4TX  <class AudioDMAChannel, id 0x10000045b, registered, matched, active, busy 0 (14 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMAChannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APA5TX  <class AudioDMAChannel, id 0x10000045c, registered, matched, active, busy 0 (21 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMAChannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APA6TX  <class AudioDMAChannel, id 0x10000045d, registered, matched, active, busy 0 (13 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMAChannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APA7TX  <class AudioDMAChannel, id 0x10000045e, registered, matched, active, busy 0 (49 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMAChannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APA8TX  <class AudioDMAChannel, id 0x10000045f, registered, matched, active, busy 0 (17 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMAChannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | |
```

```
|| | +-o APA9TX  <class AudioDMAChannel, id 0x100000460, registered, matched, active, busy 0 (48 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMAChannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APAATX  <class AudioDMAChannel, id 0x100000461, registered, matched, active, busy 0 (48 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMAChannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APABTX  <class AudioDMAChannel, id 0x100000462, registered, matched, active, busy 0 (45 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMAChannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APACTX  <class AudioDMAChannel, id 0x100000463, registered, matched, active, busy 0 (19 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMAChannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APADTX  <class AudioDMAChannel, id 0x100000464, registered, matched, active, busy 0 (19 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMAChannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APAETX  <class AudioDMAChannel, id 0x100000465, registered, matched, active, busy 0 (48 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMAChannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APAFTX  <class AudioDMAChannel, id 0x100000467, registered, matched, active, busy 0 (17 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMAChannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APA0RX  <class AudioDMAChannel, id 0x100000468, registered, matched, active, busy 0 (13 ms), retain 8>
|| | | {
|| | |   "Direction" = "RX"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOClass" = "AudioDMAChannel"
|| | |   "State" = "Sleeping"
|| | |   "IOReportLegendPublic" = Yes
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "IOReportLegend" =
({"IOReportGroupName"="Rx","IOReportChannels"=((0x414453534d523030,0xb81000002,"ChannelState")),"IOReportCh
annelInfo"={"IOReportChannelUnit"=0x100007900000000},"IOReportSubGroupName"="CSM"},
{"IOReportGroupName"="Rx","IOReportChannels"=((0x4144444350523030,0x1400080003,"DMA
C2P")),"IOReportChannelInfo"={"IOReportChannelConfig"=<a086010000000000000000000a000000809698000000000
0010000000a000000>,"IOReportChannelUnit"=0x100007600000000},"IOReportSubGroupName"="DMACMPLHistogram"
},{"IOReportGroupName"="Rx","IORe$
|| | | }
|| | |
|| | +-o APA1RX  <class AudioDMAChannel, id 0x100000469, registered, matched, active, busy 0 (13 ms), retain 8>
|| | | {
```

```
|| | |     "IOClass" = "AudioDMAChannel"
|| | |     "IOProviderClass" = "AudioDMAController"
|| | |     "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |     "Direction" = "RX"
|| | |     "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APA2RX  <class AudioDMAChannel, id 0x10000046a, registered, matched, active, busy 0 (13 ms), retain 8>
|| | | {
|| | |     "IOClass" = "AudioDMAChannel"
|| | |     "IOProviderClass" = "AudioDMAController"
|| | |     "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |     "Direction" = "RX"
|| | |     "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APA3RX  <class AudioDMAChannel, id 0x10000046b, registered, matched, active, busy 0 (18 ms), retain 8>
|| | | {
|| | |     "IOClass" = "AudioDMAChannel"
|| | |     "IOProviderClass" = "AudioDMAController"
|| | |     "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |     "Direction" = "RX"
|| | |     "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APA4RX  <class AudioDMAChannel, id 0x10000046c, registered, matched, active, busy 0 (19 ms), retain 8>
|| | | {
|| | |     "IOClass" = "AudioDMAChannel"
|| | |     "IOProviderClass" = "AudioDMAController"
|| | |     "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |     "Direction" = "RX"
|| | |     "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APA5RX  <class AudioDMAChannel, id 0x10000046d, registered, matched, active, busy 0 (48 ms), retain 8>
|| | | {
|| | |     "IOClass" = "AudioDMAChannel"
|| | |     "IOProviderClass" = "AudioDMAController"
|| | |     "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |     "Direction" = "RX"
|| | |     "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APA6RX  <class AudioDMAChannel, id 0x10000046e, registered, matched, active, busy 0 (18 ms), retain 8>
|| | | {
|| | |     "IOClass" = "AudioDMAChannel"
|| | |     "IOProviderClass" = "AudioDMAController"
|| | |     "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |     "Direction" = "RX"
|| | |     "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APA7RX  <class AudioDMAChannel, id 0x10000046f, registered, matched, active, busy 0 (29 ms), retain 8>
|| | | {
|| | |     "IOClass" = "AudioDMAChannel"
|| | |     "IOProviderClass" = "AudioDMAController"
|| | |     "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |     "Direction" = "RX"
|| | |     "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APA8RX  <class AudioDMAChannel, id 0x100000470, registered, matched, active, busy 0 (48 ms), retain 8>
|| | | {
|| | |     "IOClass" = "AudioDMAChannel"
|| | |     "IOProviderClass" = "AudioDMAController"
|| | |     "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |     "Direction" = "RX"
|| | |     "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APA9RX  <class AudioDMAChannel, id 0x100000473, registered, matched, active, busy 0 (12 ms), retain 8>
|| | | {
|| | |     "IOClass" = "AudioDMAChannel"
|| | |     "IOProviderClass" = "AudioDMAController"
|| | |     "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |     "Direction" = "RX"
|| | |     "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APAARX  <class AudioDMAChannel, id 0x100000474, registered, matched, active, busy 0 (11 ms), retain 8>
|| | | {
```

```
|| | |     "IOClass" = "AudioDMAChannel"
|| | |     "IOProviderClass" = "AudioDMAController"
|| | |     "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |     "Direction" = "RX"
|| | |     "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APABRX  <class AudioDMAChannel, id 0x100000475, registered, matched, active, busy 0 (13 ms), retain 8>
|| | | {
|| | |     "IOClass" = "AudioDMAChannel"
|| | |     "IOProviderClass" = "AudioDMAController"
|| | |     "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |     "Direction" = "RX"
|| | |     "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APACRX  <class AudioDMAChannel, id 0x100000476, registered, matched, active, busy 0 (13 ms), retain 8>
|| | | {
|| | |     "IOClass" = "AudioDMAChannel"
|| | |     "IOProviderClass" = "AudioDMAController"
|| | |     "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |     "Direction" = "RX"
|| | |     "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APADRX  <class AudioDMAChannel, id 0x100000477, registered, matched, active, busy 0 (47 ms), retain 8>
|| | | {
|| | |     "IOClass" = "AudioDMAChannel"
|| | |     "IOProviderClass" = "AudioDMAController"
|| | |     "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |     "Direction" = "RX"
|| | |     "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APAERX  <class AudioDMAChannel, id 0x100000478, registered, matched, active, busy 0 (20 ms), retain 8>
|| | | {
|| | |     "IOClass" = "AudioDMAChannel"
|| | |     "IOProviderClass" = "AudioDMAController"
|| | |     "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |     "Direction" = "RX"
|| | |     "State" = "Uninitialized"
|| | | }
|| | |
|| | +-o APAFRX  <class AudioDMAChannel, id 0x100000479, registered, matched, active, busy 0 (36 ms), retain 8>
|| |     {
|| |       "IOClass" = "AudioDMAChannel"
|| |       "IOProviderClass" = "AudioDMAController"
|| |       "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| |       "Direction" = "RX"
|| |       "State" = "Uninitialized"
|| |     }
|| |
|| +-o atc-phy0@82A90000  <class AppleARMIODevice, id 0x1000002bd, registered, matched, active, busy 0 (414 ms), retain 9>
|| || {
|| ||     "tunable_CIO_LN1_AUSPMA_RX_SHM" =
<1c000020ff0ffc07210cc0012400002000c0000000c00000280000200006000000060000c000020700000005000000
0380000200000801f000000133c000020000000070000000075c0000200004000000040000840000201f7c00001f6400
008c00002000001c00000010001c000020ff0ffc07210cc0012400002000c0000000c000002800002000060000000600
002c000020700000050000000380000200000801f000000133c000020000000070000000075c00002000040000000040
000084000020e0830f00e0830c008c00002000001c0000001000>
|| ||     "function-dock_parent" = <1701000050636361>
|| ||     "tunable_ATC0AXI2AF" =
<00000020030000000000000003000020ffffffffffff000034000020ffffffffffff000000040020ff030140010001400006002
0ffffff01ffffff0138070020ff01ff01400040009807002Off01ff012000600000080020001000000100000009002003000O
00000000002009002003000000000000000>
|| ||     "tunable_CIO_LN0_AUSPMA_TX_TOP" =
<0800002000fc0000006c000030000020c03f0000002a0000800000200000f800000018008c000020f0ffff0f20222202
0800002000fc0000006c000030000020c03f0000002a0000800000200000f800000018008c000020f0ffff0f20222202>
|| ||     "tunable_CIO_LN1_AUSPMA_TX_TOP" =
<0800002000fc0000006c000030000020c03f0000002a0000800000200000f800000018008c000020f0ffff0f20222202
0800002000fc0000006c000030000020c03f0000002a0000800000200000f800000018008c000020f0ffff0f20222202>
|| ||     "tunable-host" = <0000000008000000070000000700000>
|| ||     "tunable_CIO3PLL_TOP" =
<10000020ffffffff040a0a0a88000020ff010000270100009400002Off01000015010000>
|| ||     "tunable_CIO_ACIOPHY_TOP" = <>
|| ||     "tunable_CIO_LN0_AUSPMA_RX_TOP" =
<000000200000007e0000001e14000020008000000000000002c0000203ffff64f3fffa04a300000200cf0ff110400001140
00002000000300000000006800002038000001800000740000203f0000003e000000840000200eff1f000a4000008
8000020ff3f000024120000ac00002000801f0000000400ec000020fcffffff0000080004010020ffff000002020000080010
0200300000000000000010010020f0ffff0f20222202180100200200000000000000000000000200000007e0000001e140000
2000800000000000002c0000203ffff64f3fffa04a300000200cf0ff1104000011400000200000030000000006800002O
3800000018$
|| ||     "tunable_CIO_LN1_AUSPMA_RX_TOP" =
```

<000000200000007e0000001e140000200080000000000002c0000203ffff64f3fffa04a300000200cf0ff110400001140
00002000003000000000068000020380000018000000740000203f000003e000000840000200eff1f000a400000
8000020ff3f000024120000ac00002000801f0000000400ec000020fcffffff0000080004010020ffff00000202000008010
020030000000000000010010020f0ffff0f2022220218010020000000000000000000000000200000007e0000001e140000
2000800000000000002c0000203ffff64f3fffa04a300000200cf0ff110400001140000020000003000000000068000020
3800000018$
  || || "tunable_CIO_CIO3PLL_TOP" = <>
  || || "tunable_USB_LN0_AUSPMA_RX_EQ" = <>
  || || "tunable_USB_LN0_AUSPMA_RX_SHM" =
<1c000020ff0ffc07210cc0012400002000c0000000c00002800002000060000006000002c000020700000050000000
00380000020080080108000133c0000200000000700000078000020ffffffff50858000840000201f7cf0031c7000028
80000203ff0033f200002208c000020c00f0000000800001c000020ff0ffc07210cc0012400002000c0000000c0000028
0000200006000000060000002c000020700000050000000380000200800801f080000133c000020000000070000000
780000020ffffffff5085800084000020e083ff0380030e02880000203ff0033f200002208c000020c00f000000080000>
  || || "tunable_USB_LN1_AUSPMA_RX_SHM" =
<1c000020ff0ffc07210cc0012400002000c0000000c00002800002000060000006000002c000020700000050000000
00380000020080080108000133c0000200000000700000078000020ffffffff50858000840000201f7cf0031c7000028
80000203ff0033f200002208c000020c00f0000000800001c000020ff0ffc07210cc0012400002000c0000000c0000028
0000200006000000060000002c000020700000050000000380000200800801f080000133c000020000000070000000
780000020ffffffff5085800084000020e083ff0380030e02880000203ff0033f200002208c000020c00f000000080000>
  || || "tunable_ATC_FABRIC" =
<040000203f003f00200020000c000020f1000000a100000010000201f8000000400000018000020 3f003f002000200
020000020f1000000a100000240000201f800000040000002c0000207f007f005200520034000020f10000007100000
0380000200100000010000003c0000200100000001000000400000201f8000000040000000480000201f000000100000
00500000201f8000000400000058000207f007f004500450060000020f10000005100000064000020 1f80000004000
0006c0000203f000000200000007400000201f80000004000007c000020010000000100000080000020 1f8000000400
0000880000201f001f0010000 10008c000$
  || || "tunable_USB_ACIOPHY_TOP" =
<18010020ffffffffe6ab46841c010020ffffffff870808 1824010020ffffffff0a64000018010020ffffffffe6ab46841c010020ffffff
f870808 1824010020ffffffff0a640000>
  || || "tunable_USB_LN0_AUSPMA_TX_TOP" =
<0800002000fc0000006c000018000020c0ffff1f808101031c000020ff070000a005000030000020c03f0000002a00008
00000200000f800000018008c000020f0ffff0f20222202080000 2000fc0000006c0000018000020c0ffff1f808101031c000
020ff070000a005000030000020c03f0000002a000080000002000000f800000018008c000020f0ffff0f20222202>
  || || "tunable_USB_LN1_AUSPMA_TX_TOP" =
<0800002000fc0000006c000018000020c0ffff1f808101031c000020ff070000a005000030000020c03f0000002a00008
00000200000f800000018008c000020f0ffff0f20222202080000 2000fc0000006c000018000020c0ffff1f808101031c000
020ff070000a005000030000020c03f0000002a000080000002000000f800000018008c000020f0ffff0f20222202>
  || || "tunable_USB_LN1_AUSPMA_RX_EQ" = <>
  || || "clock-gates" = <5d010000dd000000>
  || || "tunable_USB_LN0_AUSPMA_RX_TOP" =
<000000200000007e0000003e14000020008000000000 0002c0000200f0ff0200f0fa020300000200031ff000000ff00
40000020000003000000000440000200000003000000030068000020380000018000000740000203f0000003e000
000840000200eff1f000a40000088000020ff3f000024120000ac00002000801f0000000400dc000020ffffffff8ac428cce
c000020fcffffff04260000f4000020ffffffff50062803fc0000201f7c0000041000000401002 0ffff00000202000008010020
030000000000000010010020f0ffff0f2022220200000020000000 7e0000003e14000020008000000000 0002c000020
0f0ff0200f$
  || || "tunable_AUS_CMN_SHM" = <0000002000fc030000c00300>
  || || "tunable_CIO3PLL_CORE" =
<0000002022000000220000001c0000020007000000020000020000020070002000300020028000020100000001000
00009c0000200000020000000000>
  || || "tunable_CIO_LN0_AUSPMA_RX_EQ" =
<480000200f000000020000005000002 0ff0f0000ff0f0000540000200f000000020000005c000020ff0f0000ff0f00007
c000020ff0f0000ff070000980000203f0000003f000000bc0000200000c07f0000003480000200f000000020000005
0000020ff0f0000ff0f0000540000200f000000020000005c000020ff0f0000ff0f00007c000020ff0f0000ff070000980000
0203f0000003f000000bc0000200000c07f00000003>
  || || "tunable_USB_LN1_AUSPMA_RX_TOP" =
<000000200000007e0000003e14000020008000000000 0002c0000200f0ff0200f0fa020300000200031ff000000ff00
40000020000003000000000440000200000003000000030068000020380000018000000740000203f0000003e000
000840000200eff1f000a40000088000020ff3f000024120000ac00002000801f0000000400dc000020ffffffff8ac428cce
c000020fcffffff04260000f4000020ffffffff50062803fc0000201f7c0000041000000401002 0ffff00000202000008010020
030000000000000010010020f0ffff0f2022220200000020000000 7e0000003e14000020008000000000 0002c000020
0f0ff0200f$
  || || "IODeviceMemory" = (({"address"=0x382a90000,"length"=0x4000}),
({"address"=0x382800000,"length"=0x4000}),({"address"=0x383020000,"length"=0x4000}),
({"address"=0x383000000,"length"=0x4000}),({"address"=0x383002000,"length"=0x4000}),
({"address"=0x383002200,"length"=0x4000}),({"address"=0x383002800,"length"=0x4000}),
({"address"=0x383002a00,"length"=0x4000}),({"address"=0x383007000,"length"=0x4000}),
({"address"=0x383000a00,"length"=0x4000}),({"address"=0x383000800,"length"=0x4000}),
({"address"=0x38300d000,"length"=0x4000}),({"addres$
  || || "tunable_CIO_LN1_AUSPMA_RX_EQ" =
<480000200f000000020000005000002 0ff0f0000ff0f0000540000200f000000020000005c000020ff0f0000ff0f00007
c000020ff0f0000ff070000980000203f0000003f000000bc0000200000c07f0000003480000200f000000020000005
0000020ff0f0000ff0f0000540000200f000000020000005c000020ff0f0000ff0f00007c000020ff0f0000ff070000980000
0203f0000003f000000bc0000200000c07f00000003>
  || || "AAPL,phandle" = <ac000000>
  || || "name" = <6174632d7068793000>
  || || "tunable_DP_LN1_AUSPMA_TX_TOP" =
<0800002000fc0000006c000030000020c03f0000002a0000800000200000f800000018008c000020f0ffff0f20222202
  || || "tunable-device" = <000000000800000000070000000000000>
  || || "tunable_AUS_CMN_TOP" = <08000020f00fff0f20222202>
  || || "instance" = <00000000>
  || || "tunable_AUSPLL_CORE" =
<2c0000200009000000090007800002000000000800000000a4000200100000001000000>
  || || "device_type" = <6174632d70687900>
  || || "compatible" = <6174632d7068792c743831303300>
  || || "port-type" = <02000000>
  || || "tunable_DP_LN0_AUSPMA_TX_TOP" =
<0800002000fc0000006c000030000020c03f0000002a0000800000200000f800000018008c000020f0ffff0f20222202

>
  || || "reg" =
<0000a98203000000004000000000000000008082030000000040000000000000000028030300000000400000000
0000000000083030000000040000000000000002000830300000000400000000000000022008303000000004000
00000000000028008303000000004000000000000002a00830300000000400000000000000070008303000000004
00000000000000000a0083030000000040000000000000008008303000000004000000000000000d000830300000
0004000000000000000400183030000000040000000000000000c0083030000000040000000000000030018303000
0000004000000000000000b00083030000000040000000000000002001830300$
  || || "port-number" = <01000000>
  || || "tunable_AUSPLL_TOP" =
<880000200000000f0000000600094000020000000f0000000600a000002000000f0000000500ac00002000000f0000000
500b800002000000f0000000500>
  || || "tunable_CIO_LN0_AUSPMA_RX_SHM" =
<1c000020ff0ffc07210cc0012400002000c0000000c00000280002000060000000600002c000020700000005000000
0380000200000801f000001 33c00002000000007000000075c0002000040000000400008400002 01f7c00001f6400
008c00002000001c00000010001c000020ff0ffc07210cc0012400002000c0000000c00000280002000060000000600
002c0000207000000050000000380000200000801f000001 33c000020000000070000000 75c00002000040000000 4
000084000020e0830f00e0830c008c00002000001c0000001000>
  || ||}
  || ||
  || |+-o AppleT8103TypeCPhy@0 <class AppleT8103TypeCPhy, id 0x100000378, registered, matched, active, busy 0
(4 ms), retain 19>
  || | {
  || | "IOClass" = "AppleT8103TypeCPhy"
  || | "CFBundleIdentifier" = "com.apple.driver.AppleT8103TypeCPhy"
  || | "IOProviderClass" = "AppleARMIODevice"
  || | "AppleTypeCPhyDisplayPortPclk" = {}
  || | "IOProbeScore" = 0x2710
  || | "IONameMatch" = "atc-phy,t8103"
  || | "IOMatchedAtBoot" = Yes
  || | "IOMatchCategory" = "IODefaultMatchCategory"
  || | "IONameMatched" = "atc-phy,t8103"
  || | "IOPersonalityPublisher" = "com.apple.driver.AppleT8103TypeCPhy"
  || | "AppleTypeCPhyLane" = {"Lane 1"={},"Lane 0"={}}
  || | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8103TypeCPhy"
  || | "AppleTypeCPhyDisplayPortTunnel" = {}
  || | "AppleTypeCPhyUSB2" = {}
  || | "AppleTypeCPhyID" = 0x0
  || | }
  || |
  || +-o dart-usb0@82F00000 <class AppleARMIODevice, id 0x1000002be, registered, matched, active, busy 0 (257
ms), retain 9>
  || ||{
  || || "dart-id" = <09000000>
  || || "IOInterruptSpecifiers" = (<0d030000>)
  || || "clock-gates" = <4201000042010000>
  || || "AAPL,phandle" = <ad000000>
  || || "protection-granularity" = <10000000>
  || || "instance" = <54524144444152544c4c54005452414444415254424c4b00>
  || || "IODeviceMemory" = (({"address"=0x382f00000,"length"=0x4000}),
({"address"=0x382f80000,"length"=0x4000}))
  || || "dart-tunables-instance-1" =
<600000000400000000610080000000006100800000000068000000400000000f0f0f0000000000000f0f0f00000000
006c00000004000000ffffff000000000000808080000000000000>
  || || "remap" = <00010000>
  || || "dart-options" = <07000000>
  || || "tlb-invalid-refetch" = <>
  || || "IOReportLegendPublic" = Yes
  || || "IOInterruptControllers" = ("IOInterruptController00000067")
  || || "name" = <646172742d7573623000>
  || || "interrupt-parent" = <67000000>
  || || "compatible" = <646172742c743830323000>
  || || "page-size" = <00400000>
  || || "interrupts" = <0d030000>
  || || "diag-config" = <00210080>
  || || "vm-base" = <00000000>
  || || "dart-tunables-instance-0" =
<6000000004000000006100800000000000610080000000006800000004000000 0f0f0f0000000000000f0f0f00000000
006c00000004000000ffffff000000000000808080000000000000>
  || || "error-reflector" = <00c0ff3c02000000>
  || || "device_type" = <6461727400>
  || || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
  || || "reg" = <0000f082030000000040000000000000000000f882030000000040000000000000000000>
  || || "sids" = <0b000000>
  || ||}
  || ||
  || |+-o AppleT8020DART <class AppleT8020DART, id 0x10000044e, registered, matched, active, busy 0 (46 ms),
retain 19>
  || | |{
  || | | "IOClass" = "AppleT8020DART"
  || | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
  || | | "IOProviderClass" = "AppleARMIODevice"
  || | | "IOPlatformActiveAction" = 0x13880
  || | | "noncompliant-dead-mappings" = No
  || | | "IOPlatformSleepAction" = 0x13880

```
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = "dart,t8020"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IOUserClientClass" = "IODARTClient"
|| | | "IONameMatched" = "dart,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| | | "iommu-dart-identity" = <ad000000>
|| | | "IOFunctionParent000000AD" = <>
|| | | }
|| | |
|| | +-o mapper-usb0@1  <class IODARTMapperNub, id 0x100000458, registered, matched, active, busy 0 (20 ms),
retain 8>
|| | | {
|| | | "AAPL,phandle" = <ae000000>
|| | | "compatible" = <696f6d6d752d6d617070657200>
|| | | "allow-subpage-mapping" = <>
|| | | "dead-mappings" = <0000000000000000000040000000000000>
|| | | "device_type" = <646172742d6d617070657200>
|| | | "name" = <6d61707065722d7573623000>
|| | | "reg" = <01000000>
|| | | }
|| | |
|| | +-o IODARTMapper  <class IODARTMapper, id 0x100000519, registered, matched, active, busy 0 (1 ms), retain
171>
|| | {
|| | "IOClass" = "IODARTMapper"
|| | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | "IOProviderClass" = "IODARTMapperNub"
|| | "iommu-dart-translation" = Yes
|| | "IOUserClientClass" = "IODARTMapperClient"
|| | "IOProbeScore" = 0x0
|| | "IONameMatch" = "iommu-mapper"
|| | "IOMatchedAtBoot" = Yes
|| | "IOMatchCategory" = "IODefaultMatchCategory"
|| | "IONameMatched" = "iommu-mapper"
|| | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | "IOMapperID" = <ae000000>
|| | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | }
||
|| +-o usb-drd0@82280000  <class AppleARMIODevice, id 0x1000002bf, registered, matched, active, busy 0 (491
ms), retain 15>
|| || {
|| || "host-mac-address" = <d45763cbd55d>
|| || "usb-stream-policy" = <02000000>
|| || "usb-tier-limit" = <06000000>
|| || "function-dock_parent" = <1701000050636361>
|| || "atc-phy-parent" = <ac000000>
|| || "tunable_setting" = <6401000000000000020000000000000000000000000000000000>
|| || "interrupt-parent" = <67000000>
|| || "ncm-self-name-unit" = <00000000>
|| || "interrupts" = <090300000a0300000b0300000c030000e0020000>
|| || "ncm-interrupt-ep-disabled" = <01000000>
|| || "iommu-parent" = <ae000000>
|| || "usb-port-current-sleep-limit" = <b80b0000>
|| || "bus-number" = <00000000>
|| || "clock-gates" = <0401000059010000>
|| || "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptControlle
r00000067","IOInterruptController00000067")
|| || "ncm-control-ecid-mac" = <01000000>
|| || "acio-parent" = <4e000000>
|| || "built-in" = <>
|| || "tunable" =
<0000000004c1000000ef0100002f0000000000002cc10000ff070a00c8000a000000000064c10000020000000000000
00000000000c20000000000020000000201000001800000ff0000001b00000003000000200000000f000000070
000070000001c0000003f003f0020002000070000002000000001f80000040000000700000280000000100000001000
00007000000200000001000000010000000700000300000001f80000040000000800000200000000f07f00
00904e080000002400000000801f0000800b00>
|| || "tunable_AUSBC_BULK_FABRIC" =
<1c0000000000003f003f000000000002000200000000000200000000000001f80000000000000400000000000
000280000000000000001000000000000010000000000002c000000000000000100000000000000010000000
0000003000000000000001f80000000000000400000000000000>
|| || "IODeviceMemory" = (({"address"=0x382280000,"length"=0x11800}),
({"address"=0x382200000,"length"=0x4000}),({"address"=0x38228c000,"length"=0x1800}),
({"address"=0x382a84000,"length"=0x4000}),({"address"=0x382800000,"length"=0x4000}),
({"address"=0x382a80000,"length"=0x4000}),({"address"=0x382000000,"length"=0x4000}),
({"address"=0x382080000,"length"=0x4000}),({"address"=0x38228d000,"length"=0x4000}))
|| || "AAPL,phandle" = <af000000>
|| || "name" = <7573622d6472643000>
|| || "configuration-string" = <6e636d4175784272696e67757000>
|| || "device-mac-address" = <000000000000>
|| || "device_type" = <7573622d64726400>
|| || "compatible" = <7573622d6472642c743831303300>
|| || "port-type" = <02000000>
|| || "tunable_AUSBC_CTLREG" = <f0000000000000001f00000000000000000000000000000000>
|| || "IOReportLegendPublic" = Yes
|| || "reg" =
```

<000028820300000000180100000000000002082030000000040000000000000000c028820300000000180000000000000040a882030000000004000000000000000000808203000000000400000000000000000a8820300000000040000000000000000000008203000000004000000000000000000088203000000040000000000000000d0288203000000004000000000000>
    || || "port-number" = <01000000>
    || || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"), (0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"), (0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"), (0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"), (0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
    || || "tunable_ATC_LINK_REGS" =
<200000000000000000000f07f000000000000904e000000024000000000000000000801f00000000000800b0000000000>
    || || "usb-port-current-wake-limit" = <b80b0000>
    || || "IOInterruptSpecifiers" = (<09030000>,<0a030000>,<0b030000>,<0c030000>,<e0020000>)
    || || }
    || ||
    || | +-o AppleT8103USBXHCI@00000000 <class AppleT8103USBXHCI, id 0x1000004be, registered, matched, active, busy 0 (12 ms), retain 39>
    || ||| {
    || ||| "IOClass" = "AppleT8103USBXHCI"
    || ||| "kUSBSleepPortCurrentLimit" = 0xbb8
    || ||| "UsbHostControllerSoftRetryPolicy" = 0x0
    || ||| "IOPersonalityPublisher" = "com.apple.driver.usb.AppleSynopsysUSB40XHCI"
    || ||| "IOMatchedAtBoot" = Yes
    || ||| "IOPowerManagement" = {"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x3,"DriverPowerState"=0x0}
    || ||| "IOProviderClass" = "AppleARMIODevice"
    || ||| "IOProbeScore" = 0x2711
    || ||| "locationID" = 0x0
    || ||| "kUSBWakePortCurrentLimit" = 0xbb8
    || ||| "IONameMatch" = "usb-drd,t8103"
    || ||| "CFBundleIdentifierKernel" = "com.apple.driver.usb.AppleSynopsysUSB40XHCI"
    || ||| "UsbHostControllerDeferRegisterService" = Yes
    || ||| "IOMatchCategory" = "usb-host"
    || ||| "CFBundleIdentifier" = "com.apple.driver.usb.AppleSynopsysUSB40XHCI"
    || ||| "Revision" = <0103>
    || ||| "IONameMatched" = "usb-drd,t8103"
    || ||| "UsbHostControllerUSB4LPMPolicy" = 0x1
    || ||| "UsbHostControllerStreamPolicy" = 0x2
    || ||| "UsbHostControllerTierLimit" = 0x6
    || ||| "controller-statistics" = {"kControllerStatIOCount"=0x0,"kControllerStatPowerStateTime"={"kPowerStateInitialize"="0ms (0%)","kPowerStateOff"="67781418ms (99%)","kPowerStateSleep"="0ms (0%)","kPowerStateOn"="3ms (0%)","kPowerStateSuspended"="0ms (0%)"},"kControllerStatSpuriousInterruptCount"=0x0}
    || ||| "kUSBSleepSupported" = Yes
    || ||| }
    || |||
    || || +-o usb-drd0-port-hs@00100000 <class AppleUSB20XHCIARMPort, id 0x100000836, registered, matched, active, busy 0 (1 ms), retain 11>
    || ||| {
    || ||| "usb-c-port-number" = <01000000>
    || ||| "kUSBSleepPortCurrentLimit" = 0xbb8
    || ||| "AAPL,phandle" = <b0000000>
    || ||| "kUSBWakePortCurrentLimit" = 0xbb8
    || ||| "IOPowerManagement" = {"PowerOverrideOn"=Yes,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x100,"MaxPowerState"=0x3,"DriverPowerState"=0x0}
    || ||| "IOGeneralInterest" = "IOCommand is not serializable"
    || ||| "locationID" = 0x100000
    || ||| "device_type" = <7573622d647264302d706f72742d687300>
    || ||| "kUSBBusCurrentSleepAllocation" = 0x0
    || ||| "port-type" = <04000000>
    || ||| "port-status" = 0x0
    || ||| "kUSBBusCurrentAllocation" = 0x0
    || ||| "UsbCPortNumber" = 0x1
    || ||| "port-statistics" = {"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerStateTime"={"kPowerStateOff"="37415536ms (100%)","kPowerStateSleep"="0ms (0%)","kPowerStateOn"="0ms (0%)","kPowerStateSuspended"="0ms (0%)"},"kPortStatConnectCount"=0x0,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringResetCount"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount"=0x0,"kPortStatOverCurrentCount"=0x0,"kPortS$
    || ||| "name" = <7573622d647264302d706f72742d687300>
    || ||| "port" = <01000000>
    || ||| }
    || |||
    || || +-o usb-drd0-port-ss@00200000 <class AppleT8103USB40XHCITypeCPort, id 0x10000083c, registered, matched, active, busy 0 (2 ms), retain 14>
    || || {
    || || "usb-c-port-number" = <01000000>
    || || "link-error-count" = 0x0
    || || "kUSBSleepPortCurrentLimit" = 0xbb8
    || || "AAPL,phandle" = <b1000000>
    || || "kUSBWakePortCurrentLimit" = 0xbb8
    || || "IOPowerManagement" = {"PowerOverrideOn"=Yes,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x100,"MaxPowerState"=0x3,"DriverPowerState"=0x0}

```
|| ||     "IOGeneralInterest" = "IOCommand is not serializable"
|| ||     "locationID" = 0x200000
|| ||     "device_type" = <7573622d647264302d706f72742d737300>
|| ||     "kUSBBusCurrentSleepAllocation" = 0x0
|| ||     "port-type" = <04000000>
|| ||     "port-status" = 0x0
|| ||     "kUSBBusCurrentAllocation" = 0x96
|| ||     "UsbCPortNumber" = 0x1
|| ||     "port-statistics" =
{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerSta
teTime"={"kPowerStateOff"="37415536ms (100%)","kPowerStateSleep"="0ms (0%)","kPowerStateOn"="0ms
(0%)","kPowerStateSuspended"="0ms
(0%)"},"kPortStatConnectCount"=0x0,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringResetC
ount"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount"
=0x0,"kPortStatOverCurrentCount"=0x0,"kPortS$
|| ||     "name" = <7573622d647264302d706f72742d737300>
|| ||     "port" = <02000000>
|| ||   }
|| ||
|| | +-o AppleT8103USBXDCI@0  <class AppleT8103USBXDCI, id 0x1000004c1, registered, matched, active, busy 0 (9
ms), retain 21>
|| | |{
|| | |   "IOClass" = "AppleT8103USBXDCI"
|| | |   "IOPlatformPanicAction" = 0x3e8
|| | |   "IOPersonalityPublisher" = "com.apple.driver.AppleUSBXDCIARM"
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "ConfigurationType" = "ncmAuxBringup"
|| | |   "IOProviderClass" = "AppleARMIODevice"
|| | |   "DeviceDescription" =
{"MaxPower"=0xffffffffffffffff,"deviceProtocol"=0x0,"productID"=0x1903,"vendorID"=0x5ac,"DefaultBcdUSBVersion"=0x21
0,"ConfigurationDescriptors"=({"Attributes"=0xc0,"Interfaces"=("AppleUSBNCMControl","AppleUSBNCMData","AppleUSB
NCMControlAux","AppleUSBNCMDataAux"),"MaxPower"=0x0}),"deviceClass"=0x0,"manufacturerString"="Apple
Inc.","BcdUSBVersion"=0x210,"productString"="MacBook
Air","Attributes"=0xc0,"MPS0"=0x40,"deviceID"=0x1001,"deviceSubClass"=0x0}
|| | |   "IOProbeScore" = 0x0
|| | |   "CreatedTimestamp" = 0x7d1211f
|| | |   "CurrentState" =
{"DeviceAddress"=0x0,"DeviceState"="Disconnected","DefaultPreferredConfiguration"=0x1,"ConnectionSpeed"=0x0,"Soft
wareLinkState"="L0
(Normal)","OnBus"=No,"PreferredConfiguration"=0x1,"RemoteWakeEnabled"=No,"ConnectionSpeedDescription"="Unknow
n","SelectedConfiguration"=0x0}
|| | |   "IONameMatch" = "usb-drd,t8103"
|| | |   "FinalizedDurationMS" = 0x6
|| | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleUSBXDCIARM"
|| | |   "ScatterGatherSupport" = Yes
|| | |   "IOMatchCategory" = "usb-device"
|| | |   "CFBundleIdentifier" = "com.apple.driver.AppleUSBXDCIARM"
|| | |   "IONameMatched" = "usb-drd,t8103"
|| | |   "DefaultDeviceDescription" = {"productString"="MacBook Air","deviceClass"=0x0,"manufacturerString"="Apple
Inc.","deviceID"=0x1001,"productID"=0x1903,"vendorID"=0x5ac,"deviceSubClass"=0x0,"Attributes"=0xc0,"deviceProtocol"
=0x0,"MaxPower"=0xffffffffffffffff,"DefaultBcdUSBVersion"=0x210}
|| | |   "MapperPageSize" = 0x4000
|| | |   "FinalizedTimestamp" = 0x7d3ae1c
|| | |}
|| | |
|| | +-o IOUSBDeviceConfigurator  <class IOUSBDeviceConfigurator, id 0x10000082d, !registered, !matched, active,
busy 0, retain 4>
|| | | {
|| | |   "IOPropertyMatch" = {"ConfigurationType"="ncmAuxBringup"}
|| | |   "CFBundleIdentifier" = "com.apple.iokit.IOUSBDeviceFamily"
|| | |   "IOProviderClass" = "IOUSBDeviceController"
|| | |   "IOClass" = "IOUSBDeviceConfigurator"
|| | |   "IOPersonalityPublisher" = "com.apple.iokit.IOUSBDeviceFamily"
|| | |   "CFBundleIdentifierKernel" = "com.apple.iokit.IOUSBDeviceFamily"
|| | |   "IOProbeScore" = 0x0
|| | |   "DeviceDescription" =
{"ConfigurationDescriptors"=({"Attributes"=0xc0,"Interfaces"=("AppleUSBNCMControl","AppleUSBNCMData","AppleUSBN
CMControlAux","AppleUSBNCMDataAux"),"MaxPower"=0x0})}
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | | }
|| | |
|| | +-o AppleUSBNCMControl@0  <class IOUSBDeviceInterface, id 0x10000082e, registered, matched, active, busy 0
(6 ms), retain 9>
|| | ||{
|| | ||   "IOCFPlugInTypes" = {"9E72217E-8A60-11DB-BF57-000D936D06D2"="IOUSBDeviceFamily.kext/Contents/
PlugIns/IOUSBDeviceLib.plugin"}
|| | ||   "IsActive" = No
|| | ||   "StartedTimestamp" = 0x7d11a51
|| | ||   "IOUserClientClass" = "IOUSBDeviceInterfaceUserClient"
|| | ||   "USBDeviceFunction" = "AppleUSBNCMControl"
|| | ||   "FinalizedTimestamp" = 0x7d30d2a
|| | ||   "FinalizedDurationMS" = 0x5
|| | ||}
|| | ||
|| | +-o AppleUSBDeviceNCMControl@0  <class AppleUSBDeviceNCMControl, id 0x100000841, registered, matched,
active, busy 0 (1 ms), retain 7>
|| | |  {
|| | |    "IOPropertyMatch" = {"USBDeviceFunction"="AppleUSBNCMControl"}
|| | |    "CFBundleIdentifier" = "com.apple.driver.AppleUSBDeviceNCM"
```

```
|| | |      "IOProviderClass" = "IOUSBDeviceInterface"
|| | |      "IOClass" = "AppleUSBDeviceNCMControl"
|| | |      "IOPersonalityPublisher" = "com.apple.driver.AppleUSBDeviceNCM"
|| | |      "CFBundleIdentifierKernel" = "com.apple.driver.AppleUSBDeviceNCM"
|| | |      "IOProbeScore" = 0x0
|| | |      "IOMatchedAtBoot" = Yes
|| | |      "IOMatchCategory" = "IODefaultMatchCategory"
|| | |    }
|| | |
|| | +-o AppleUSBNCMData@1  <class IOUSBDeviceInterface, id 0x10000082f, registered, matched, active, busy 0 (8
ms), retain 9>
|| | ||{
|| | ||   "IOCFPlugInTypes" = {"9E72217E-8A60-11DB-BF57-000D936D06D2"="IOUSBDeviceFamily.kext/Contents/
PlugIns/IOUSBDeviceLib.plugin"}
|| | ||   "IsActive" = No
|| | ||   "StartedTimestamp" = 0x7d11c7f
|| | ||   "IOUserClientClass" = "IOUSBDeviceInterfaceUserClient"
|| | ||   "USBDeviceFunction" = "AppleUSBNCMData"
|| | ||   "FinalizedTimestamp" = 0x7d3aa43
|| | ||   "FinalizedDurationMS" = 0x6
|| | ||}
|| | ||
|| | |+-o AppleUSBDeviceNCMData  <class AppleUSBDeviceNCMData, id 0x100000843, registered, matched, active,
busy 0 (1 ms), retain 8>
|| | | |{
|| | | |   "IOClass" = "AppleUSBDeviceNCMData"
|| | | |   "IOActiveMedium" = "00000022"
|| | | |   "waitControlStart" = 0x155e
|| | | |   "IOPersonalityPublisher" = "com.apple.driver.AppleUSBDeviceNCM"
|| | | |   "IOMatchedAtBoot" = Yes
|| | | |   "IOMinPacketSize" = 0x40
|| | | |   "IOProviderClass" = "IOUSBDeviceInterface"
|| | | |   "IOLinkStatus" = 0x1
|| | | |   "waitControlFinish" = 0x155f
|| | | |   "IOPacketFilters" = {"IONetworkFilterGroup"=0x133,"IOEthernetWakeOnLANFilterGroup"=0x0}
|| | | |   "IOProbeScore" = 0x0
|| | | |   "IOPropertyMatch" = {"USBDeviceFunction"="AppleUSBNCMData"}
|| | | |   "AVBControllerState" = 0x1
|| | | |   "IOMediumDictionary" =
{"00100026"={"Index"=0x1,"Type"=0x100026,"Flags"=0x0,"Speed"=0x64},"00000022"={"Index"=0x0,"Type"=0x22,"Flags
"=0x0,"Speed"=0x0}}
|| | | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleUSBDeviceNCM"
|| | | |   "IOMACAddress" = <2ec78e2f4721>
|| | | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | | |   "CFBundleIdentifier" = "com.apple.driver.AppleUSBDeviceNCM"
|| | | |   "IOMaxPacketSize" = 0x3e92
|| | | |   "IOSelectedMedium" = "00000022"
|| | | |   "IOLinkSpeed" = 0x0
|| | | |   "HiddenConfiguration" = Yes
|| | | |   "IOFeatures" = 0x0
|| | | |}
|| | | |
|| | +-o en3  <class IOEthernetInterface, id 0x100000845, registered, matched, active, busy 0 (17 ms), retain 11>
|| | | |{
|| | | |   "IOLocation" = ""
|| | | |   "IORequiredPacketFilters" = {"IONetworkFilterGroup"=0x13,"IOEthernetWakeOnLANFilterGroup"=0x0}
|| | | |   "IOLinkActiveCount" = 0x0
|| | | |   "BSD Name" = "en3"
|| | | |   "IOMulticastAddressList" = <0180c2000003>
|| | | |   "IOInterfaceType" = 0x6
|| | | |   "IOMaxTransferUnit" = 0x5dc
|| | | |   "IOInterfaceFlags" = 0x8863
|| | | |   "IOInterfaceState" = 0x3
|| | | |   "IOMediaAddressLength" = 0x6
|| | | |   "IOMediaHeaderLength" = 0xe
|| | | |   "IOActivePacketFilters" = {"IONetworkFilterGroup"=0x13,"IOEthernetWakeOnLANFilterGroup"=0x0}
|| | | |   "IOInterfaceExtraFlags" = 0x41000080
|| | | |   "IOPrimaryInterface" = No
|| | | |   "IOControllerEnabled" = Yes
|| | | |   "IOInterfaceUnit" = 0x3
|| | | |   "IOInterfaceNamePrefix" = "en"
|| | | |   "IOBuiltin" = No
|| | | |   "IONetworkData" =
{"IONetworkStatsKey"={"Size"=0x14,"Data"=<00000000000000000000000000000000000000>,"Access
Types"=0x9},"IOEthernetStatsKey"={"Size"=0xd8,"Data"=<00000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
000000000000000000000000000000000000000$
|| | | |}
|| | | |
|| | +-o IONetworkStack  <class IONetworkStack, id 0x100000609, registered, matched, active, busy 0 (4 ms),
retain 20>
|| | | |{
|| | | |   "IOProbeScore" = 0x0
|| | | |   "CFBundleIdentifier" = "com.apple.iokit.IONetworkingFamily"
|| | | |   "IOMatchCategory" = "IONetworkStack"
|| | | |   "IOClass" = "IONetworkStack"
|| | | |   "IOPersonalityPublisher" = "com.apple.iokit.IONetworkingFamily"
|| | | |   "IOProviderClass" = "IOResources"
```

```
|| | |   |   "CFBundleIdentifierKernel" = "com.apple.iokit.IONetworkingFamily"
|| | |   |   "IOMatchedAtBoot" = Yes
|| | |   |   "IOUserClientClass" = "IONetworkStackUserClient"
|| | |   |   "IOResourceMatch" = "IOBSD"
|| | |   |}
|| | |   |
|| | |   +-o IONetworkStackUserClient  <class IONetworkStackUserClient, id 0x100000aac, !registered, !matched,
active, busy 0, retain 5>
|| | |       {
|| | |         "IOUserClientCreator" = "pid 325, configd"
|| | |         "IOUserClientDefaultLocking" = Yes
|| | |       }
|| | |
|| | +-o AppleUSBNCMControlAux@2  <class IOUSBDeviceInterface, id 0x100000830, registered, matched, active,
busy 0 (5 ms), retain 9>
|| | | |{
|| | | || "IOCFPlugInTypes" = {"9E72217E-8A60-11DB-BF57-000D936D06D2"="IOUSBDeviceFamily.kext/Contents/
PlugIns/IOUSBDeviceLib.plugin"}
|| | | || "IsActive" = No
|| | | || "StartedTimestamp" = 0x7d11de6
|| | | || "IOUserClientClass" = "IOUSBDeviceInterfaceUserClient"
|| | | || "USBDeviceFunction" = "AppleUSBNCMControlAux"
|| | | || "FinalizedTimestamp" = 0x7d15f2e
|| | | || "FinalizedDurationMS" = 0x0
|| | | ||}
|| | | ||
|| | | +-o AppleUSBDeviceNCMControl@2  <class AppleUSBDeviceNCMControl, id 0x100000837, registered, matched,
active, busy 0 (4 ms), retain 7>
|| | |   {
|| | |     "IOPropertyMatch" = {"USBDeviceFunction"="AppleUSBNCMControlAux"}
|| | |     "CFBundleIdentifier" = "com.apple.driver.AppleUSBDeviceNCM"
|| | |     "IOProviderClass" = "IOUSBDeviceInterface"
|| | |     "IOClass" = "AppleUSBDeviceNCMControl"
|| | |     "IOPersonalityPublisher" = "com.apple.driver.AppleUSBDeviceNCM"
|| | |     "NetworkInterfaceFlags" = 0x20000000
|| | |     "ncm-control-use-aux" = <01000000>
|| | |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleUSBDeviceNCM"
|| | |     "IOProbeScore" = 0x0
|| | |     "IOMatchedAtBoot" = Yes
|| | |     "IOMatchCategory" = "IODefaultMatchCategory"
|| | |   }
|| | |
|| | +-o AppleUSBNCMDataAux@3  <class IOUSBDeviceInterface, id 0x100000831, registered, matched, active, busy
0 (7 ms), retain 9>
|| | | |{
|| | | | "IOCFPlugInTypes" = {"9E72217E-8A60-11DB-BF57-000D936D06D2"="IOUSBDeviceFamily.kext/Contents/
PlugIns/IOUSBDeviceLib.plugin"}
|| | | | "IsActive" = No
|| | | | "StartedTimestamp" = 0x7d11f3c
|| | | | "IOUserClientClass" = "IOUSBDeviceInterfaceUserClient"
|| | | | "USBDeviceFunction" = "AppleUSBNCMDataAux"
|| | | | "FinalizedTimestamp" = 0x7d35805
|| | | | "FinalizedDurationMS" = 0x6
|| | | |}
|| | | |
|| | | +-o AppleUSBDeviceNCMData  <class AppleUSBDeviceNCMData, id 0x10000083b, registered, matched, active,
busy 0 (1 ms), retain 9>
|| | | |{
|| | | | "IOClass" = "AppleUSBDeviceNCMData"
|| | | | "IOActiveMedium" = "00000022"
|| | | | "waitControlStart" = 0x1559
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleUSBDeviceNCM"
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMinPacketSize" = 0x40
|| | | | "IOProviderClass" = "IOUSBDeviceInterface"
|| | | | "IOLinkStatus" = 0x1
|| | | | "waitControlFinish" = 0x155e
|| | | | "IOPacketFilters" = {"IONetworkFilterGroup"=0x133,"IOEthernetWakeOnLANFilterGroup"=0x0}
|| | | | "IOProbeScore" = 0x0
|| | | | "HiddenInterface" = Yes
|| | | | "IOPropertyMatch" = {"USBDeviceFunction"="AppleUSBNCMDataAux"}
|| | | | "AVBControllerState" = 0x1
|| | | | "IOMediumDictionary" =
{"00100026"={"Index"=0x1,"Type"=0x100026,"Flags"=0x0,"Speed"=0x64},"00000022"={"Index"=0x0,"Type"=0x22,"Flags
"=0x0,"Speed"=0x0}}
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleUSBDeviceNCM"
|| | | | "IOMACAddress" = <2ec78e2f4741>
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleUSBDeviceNCM"
|| | | | "IOMaxPacketSize" = 0x3e92
|| | | | "IOSelectedMedium" = "00000022"
|| | | | "SelfNamed" = Yes
|| | | | "IOLinkSpeed" = 0x0
|| | | | "HiddenConfiguration" = Yes
|| | | | "IOFeatures" = 0x0
|| | | |}
|| | | |
|| | | +-o anpi0  <class AppleUSBDeviceNCMPrivateEthernetInterface, id 0x100000842, registered, matched, active,
busy 0 (1 ms), retain 11>
|| | |     |{
```

```
|| |     | "IOLocation" = ""
|| |     | "IORequiredPacketFilters" = {"IONetworkFilterGroup"=0x3,"IOEthernetWakeOnLANFilterGroup"=0x0}
|| |     | "IOLinkActiveCount" = 0x0
|| |     | "BSD Name" = "anpi0"
|| |     | "IOMaxTransferUnit" = 0x5dc
|| |     | "IOInterfaceType" = 0x6
|| |     | "IOInterfaceFlags" = 0x8863
|| |     | "IOMediaAddressLength" = 0x6
|| |     | "IOInterfaceState" = 0x3
|| |     | "IOGeneralInterest" = "IOCommand is not serializable"
|| |     | "IOMediaHeaderLength" = 0xe
|| |     | "IOActivePacketFilters" = {"IONetworkFilterGroup"=0x3,"IOEthernetWakeOnLANFilterGroup"=0x0}
|| |     | "IOInterfaceExtraFlags" = 0x41000080
|| |     | "IOPrimaryInterface" = No
|| |     | "IOControllerEnabled" = Yes
|| |     | "IOInterfaceUnit" = 0x0
|| |     | "IOInterfaceNamePrefix" = "anpi"
|| |     | "IOBuiltin" = No
|| |     | "IONetworkData" =
{"IONetworkStatsKey"={"Size"=0x14,"Data"=<0000000000000000000000000000000000000000>,"Access
Types"=0x9},"IOEthernetStatsKey"={"Size"=0xd8,"Data"=<000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
000000000000000000000000000000000000000000$
|| |     | }
|| |     |
|| |     +-o IONetworkStack  <class IONetworkStack, id 0x100000609, registered, matched, active, busy 0 (4 ms),
retain 20>
|| |       | {
|| |       | "IOProbeScore" = 0x0
|| |       | "CFBundleIdentifier" = "com.apple.iokit.IONetworkingFamily"
|| |       | "IOMatchCategory" = "IONetworkStack"
|| |       | "IOClass" = "IONetworkStack"
|| |       | "IOPersonalityPublisher" = "com.apple.iokit.IONetworkingFamily"
|| |       | "IOProviderClass" = "IOResources"
|| |       | "CFBundleIdentifierKernel" = "com.apple.iokit.IONetworkingFamily"
|| |       | "IOMatchedAtBoot" = Yes
|| |       | "IOUserClientClass" = "IONetworkStackUserClient"
|| |       | "IOResourceMatch" = "IOBSD"
|| |       | }
|| |       |
|| |       +-o IONetworkStackUserClient  <class IONetworkStackUserClient, id 0x100000aac, !registered, !matched,
active, busy 0, retain 5>
|| |           {
|| |           "IOUserClientCreator" = "pid 325, configd"
|| |           "IOUserClientDefaultLocking" = Yes
|| |           }
|| |
|| +-o atc-phy1@2A90000  <class AppleARMIODevice, id 0x1000002c0, registered, matched, active, busy 0 (402 ms),
retain 9>
|| || {
|| || "tunable_CIO_LN1_AUSPMA_RX_SHM" =
<1c000020ff0ffc07210cc0012400002000c0000000c00000280000200006000000600002c000020700000005000000
0380000200000801f000000133c0002000000007000000075c000020000400000004000088400002017c00001f6400
008c00002000001c00000010001c000020ff0ffc07210cc0012400002000c0000000c00000280000200006000000600
002c00002070000000500000038000020000801f000000133c0002000000007000000075c0000200004000000004
000084000020e0830f00e0830c008c00002000001c0000001000>
|| || "function-dock_parent" = <1801000050636361>
|| || "tunable_ATC0AXI2AF" =
<00000020030000000000000030000020ffffffffffff000034000020ffffffffffff000000040020ff03014001001400006002
0ffffff01ffffff0138070020ff01ff01400040009807020ff01ff012000600000080020001000000010000000090020030000
0000000000200900200300000000000000>
|| || "tunable_CIO_LN0_AUSPMA_TX_TOP" =
<0800002000fc0000006c000030000020c03f0000002a0000800000200000f800000018008c000020f0ffff0f20222202
0800002000fc0000006c000030000020c03f0000002a0000800000200000f800000018008c000020f0ffff0f20222202>
|| || "tunable_CIO_LN1_AUSPMA_TX_TOP" =
<0800002000fc0000006c000030000020c03f0000002a0000800000200000f800000018008c000020f0ffff0f20222202
0800002000fc0000006c000030000020c03f0000002a0000800000200000f800000018008c000020f0ffff0f20222202>
|| || "tunable-host" = <00000000080000000070000000700000>
|| || "tunable_CIO3PLL_TOP" =
<10000020ffffffff040a0a0a88000020ff010000270100009400002 0ff01000015010000>
|| || "tunable_CIO_ACIOPHY_TOP" = <>
|| || "tunable_CIO_LN0_AUSPMA_RX_TOP" =
<000000020000007e0000001e1400002000800000000000002c0000203ffff64f3fffa04a300000200cf0ff110400001140
00002000000300000000068000020380000018000007400002 03f000003e000000840000200eff1f000a4000008
8000020ff3f000024120000ac00002000801f0000000400ec000020fcffffff0000080004010020ff0000202000008010
020003000000000000010010020f0ffff0f2022202180100200200000000000000000000200000007e0000001e140000
200080000000000002c0000203ffff64f3fffa04a300000200cf0ff110400001140000020000030000000000680000208
3800000018$
||  ||  "tunable_CIO_LN1_AUSPMA_RX_TOP" =
<000000020000007e0000001e1400002000800000000000002c0000203ffff64f3fffa04a300000200cf0ff110400001140
00002000000300000000068000020380000018000000740000203f000003e000000840000200eff1f000a4000008
8000020ff3f000024120000ac00002000801f0000000400ec000020fcffffff0000080004010020ff0000202000008010
020003000000000000010010020f0ffff0f2022202180100200200000000000000000000200000007e0000001e140000
200080000000000002c0000203ffff64f3fffa04a300000200cf0ff1104000011400000200000300000000006800 0020
3800000018$
||  ||  "tunable_CIO_CIO3PLL_TOP" = <>
||  ||  "tunable_USB_LN0_AUSPMA_RX_EQ" = <>
||  ||  "tunable_USB_LN0_AUSPMA_RX_SHM" =
```

<1c000020ff0ffc07210cc0012400002000c0000000c000002800002000060000000600002c000020700000005000000
0380000200800801f080000133c00002000000007000000780000020ffffffff5085800084000020f1f7cf0031c7000028
80000203ff0033f200002208c000020c00f0000000800001c000020ff0ffc07210cc0012400002000c0000000c0000028
00002000060000000600002c000020700000005000000380000200800801f080000133c00002000000007000000000700000007
80000020ffffffff5085800084000020e083ff0380030e02880000203ff0033f200002208c000020c00f000000080000>
    || || "tunable_USB_LN1_AUSPMA_RX_SHM" =
<1c000020ff0ffc07210cc0012400002000c0000000c000002800002000060000000600002c000020700000005000000
0380000200800801f080000133c00002000000007000000780000020ffffffff5085800084000020f1f7cf0031c7000028
80000203ff0033f200002208c000020c00f0000000800001c000020ff0ffc07210cc0012400002000c0000000c0000028
00002000060000000600002c000020700000005000000380000200800801f080000133c00002000000007000000007
80000020ffffffff5085800084000020e083ff0380030e02880000203ff0033f200002208c000020c00f000000080000>
    || || "tunable_ATC_FABRIC" =
<040000203f003f00200020000c000020f1000000a1000000100000201f80000004000000180000203f003f002000200
020000020f1000000a1000000240000201f800000040000002c0000207f007f005200520034000020f10000007100000
0380000200100000001000003c0000200100000001000000400000201f800000040000000480000201f000000100000
00500000201f800000040000000580000207f007f004500450060000020f1000000510000000640000201f8000000040000
0006c0000203f000000200000000740000201f800000040000007c0000200100000001000000800000201f8000000040000
0000880000201f001f00100010008c000$
    || || "tunable_USB_ACIOPHY_TOP" =
<18010020ffffffffe6ab46841c010020ffffffff870808182401020ffffffff0a64000018010020ffffffffe6ab46841c010020ffffffff
f8708081824010020ffffffff0a640000>
    || || "tunable_USB_LN0_AUSPMA_TX_TOP" =
<0800002000fc0000006c000018000020c0ffff1f808101031c000020ff070000a005000030000020c03f0000002a00008
00000200000f800000018008c000020f0ffff0f202222020800002000fc0000006c000018000020c0ffff1f808101031c000
020ff070000a005000030000020c03f0000002a00008000000200000f800000018008c000020f0ffff0f20222202>
    || || "tunable_USB_LN1_AUSPMA_TX_TOP" =
<0800002000fc0000006c000018000020c0ffff1f808101031c000020ff070000a005000030000020c03f0000002a00008
00000200000f800000018008c000020f0ffff0f202222020800002000fc0000006c000018000020c0ffff1f808101031c000
020ff070000a005000030000020c03f0000002a00008000000200000f800000018008c000020f0ffff0f20222202>
    || || "tunable_USB_LN1_AUSPMA_RX_EQ" = <>
    || || "clock-gates" = <5e010000e2000000>
    || || "tunable_USB_LN0_AUSPMA_RX_TOP" =
<000000200000007e0000003e140000200080000000000002c0000200f0ff0200f0fa020300000200031ff000000ff00
4000002000000030000000004400002000000300000000300680000203800000180000007400002 03f0000003e000
000840000200eff1f000a40000088000020ff3f000024120000ac00002000801f0000000400dc000020ffffffff8ac428cce
c000020fcffffff04260000f4000020ffffffff50062803fc0000201f7c00000410000004010020ffff00000202000008010020
0300000000000000010010020f0ffff0f2022220200000002000000007e0000003e14000020008000000000000002c000020
0f0ff0200f$
    || || "tunable_AUS_CMN_SHM" = <0000002000fc030000c00300>
    || || "tunable_CIO3PLL_CORE" =
<0000002022200000220000001c00002000700000002000002000002007000200030002002800002010000000001000
00009c0000200000002000000000000>
    || || "tunable_CIO_LN0_AUSPMA_RX_EQ" =
<480000200f0000000200000050000020ff0f0000ff0f0000540000200f000000020000005c000020ff0f0000ff0f00007
c000020ff0f0000ff070000980000203f0000003f000000bc0000200000c07f0000000348000020 0f000000020000005
0000020ff0f0000ff0f0000540000200f000000020000005c000020ff0f0000ff0f00007c000020ff0f0000ff07000098000
0203f0000003f000000bc0000200000c07f00000003>
    || || "tunable_USB_LN1_AUSPMA_RX_TOP" =
<000000200000007e0000003e140000200080000000000002c0000200f0ff0200f0fa020300000200031ff000000ff00
4000002000000030000000004400002000000300000000300680000203800000180000007400002 03f0000003e000
000840000200eff1f000a40000088000020ff3f000024120000ac00002000801f0000000400dc000020ffffffff8ac428cce
c000020fcffffff04260000f4000020ffffffff50062803fc0000201f7c00000410000004010020ffff00000202000008010020
0300000000000000010010020f0ffff0f2022220200000002000000007e0000003e14000020008000000000000002c000020
0f0ff0200f$
    || || "IODeviceMemory" = (({"address"=0x502a90000,"length"=0x4000}),
({"address"=0x502800000,"length"=0x4000}),({"address"=0x503020000,"length"=0x4000}),
({"address"=0x503000000,"length"=0x4000}),({"address"=0x503002000,"length"=0x4000}),
({"address"=0x503002200,"length"=0x4000}),({"address"=0x503002800,"length"=0x4000}),
({"address"=0x503002a00,"length"=0x4000}),({"address"=0x503007000,"length"=0x4000}),
({"address"=0x503000a00,"length"=0x4000}),({"address"=0x503000800,"length"=0x4000}),
({"address"=0x50300d000,"length"=0x4000}),({"addres$
    || || "tunable_CIO_LN1_AUSPMA_RX_EQ" =
<480000200f0000000200000050000020ff0f0000ff0f0000540000200f000000020000005c000020ff0f0000ff0f00007
c000020ff0f0000ff070000980000203f0000003f000000bc0000200000c07f0000000348000020 0f000000020000005
0000020ff0f0000ff0f0000540000200f000000020000005c000020ff0f0000ff0f00007c000020ff0f0000ff07000098000
0203f0000003f000000bc0000200000c07f00000003>
    || || "AAPL,phandle" = <b2000000>
    || || "name" = <6174632d7068793100>
    || || "tunable_DP_LN1_AUSPMA_TX_TOP" =
<0800002000fc0000006c000030000020c03f0000002a0000800000200000f800000018008c000020f0ffff0f20222202
>
    || || "tunable-device" = <0000000008000000070000000000000>
    || || "tunable_AUS_CMN_TOP" = <08000020f00fff0f20222202>
    || || "instance" = <01000000>
    || || "tunable_AUSPLL_CORE" =
<2c0000200009000000090000780000200000000800000000a4000200100000001000000>
    || || "device_type" = <6174632d70687900>
    || || "compatible" = <6174632d7068792c743831303300>
    || || "port-type" = <02000000>
    || || "tunable_DP_LN0_AUSPMA_TX_TOP" =
<0800002000fc0000006c000030000020c03f0000002a0000800000200000f800000018008c000020f0ffff0f20222202
>
    || || "reg" =
<0000a902050000000040000000000000000000800205000000004000000000000000000203050000000040000000
00000000000030500000000400000000000000020000305000000040000000000000022000305000000040000
0000000000028000305000000040000000000000002a000305000000040000000000000070000305000000004
000000000000000000a000305000000040000000000000000080003050000000040000000000000d0000305000000
000400000000000000000400103050000000040000000000000c00003050000000040000000000000300103050
00000004000000000000000b00003050000000040000000000000002001030500$
    || || "port-number" = <02000000>

|| || "tunable_AUSPLL_TOP" =
<8800002000000f0000000600940000200000f0000000600a000002000000f0000000500ac00002000000f0000000
500b800002000000f0000000500>
|| || "tunable_CIO_LN0_AUSPMA_RX_SHM" =
<1c000020ff0ffc07210cc0012400002000c0000000c000002800002000060000000600002c000020700000005000000
0380000200000801f000000133c0002000000007000000075c000020000400000040000840000201f7c00001f6400
008c00002000001c00000010001c000020ff0ffc07210cc0012400002000c0000000c000002800002000060000000600
002c0000207000000050000000380000200000801f000000133c0002000000007000000075c0000200004000000004
000084000020e0830f00e0830c008c00002000001c0000001000>
|| ||}
|| ||
|| |+-o AppleT8103TypeCPhy@1 <class AppleT8103TypeCPhy, id 0x1000004e7, registered, matched, active, busy 0 (5 ms), retain 19>
|| | {
|| | "IOClass" = "AppleT8103TypeCPhy"
|| | "CFBundleIdentifier" = "com.apple.driver.AppleT8103TypeCPhy"
|| | "IOProviderClass" = "AppleARMIODevice"
|| | "AppleTypeCPhyDisplayPortPclk" = {}
|| | "IOProbeScore" = 0x2710
|| | "IONameMatch" = "atc-phy,t8103"
|| | "IOMatchedAtBoot" = Yes
|| | "IOMatchCategory" = "IODefaultMatchCategory"
|| | "IONameMatched" = "atc-phy,t8103"
|| | "IOPersonalityPublisher" = "com.apple.driver.AppleT8103TypeCPhy"
|| | "AppleTypeCPhyLane" = {"Lane 1"={},"Lane 0"={}}
|| | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8103TypeCPhy"
|| | "AppleTypeCPhyDisplayPortTunnel" = {}
|| | "AppleTypeCPhyUSB2" = {}
|| | "AppleTypeCPhyID" = 0x1
|| | }
|| |
|| +-o dart-usb1@2F00000 <class AppleARMIODevice, id 0x1000002c1, registered, matched, active, busy 0 (241 ms), retain 9>
|| ||{
|| || "dart-id" = <0a000000>
|| || "IOInterruptSpecifiers" = (<5d030000>)
|| || "clock-gates" = <4301000043010000>
|| || "AAPL,phandle" = <b3000000>
|| || "protection-granularity" = <10000000>
|| || "instance" = <54524144444152544c4c5400545424144444415254424c4b00>
|| || "IODeviceMemory" = (({"address"=0x502f00000,"length"=0x4000}),
({"address"=0x502f80000,"length"=0x4000}))
|| || "dart-tunables-instance-1" =
<600000000400000000610080000000000610080000000068000000040000000f0f0f000000000000f0f0f000000000
006c00000004000000ffffff000000000000808080000000000>
|| || "remap" = <00010000>
|| || "dart-options" = <07000000>
|| || "tlb-invalid-refetch" = <>
|| || "IOReportLegendPublic" = Yes
|| || "IOInterruptControllers" = ("IOInterruptController00000067")
|| || "name" = <646172742d7573623100>
|| || "interrupt-parent" = <67000000>
|| || "compatible" = <646172742c743830323300>
|| || "page-size" = <00400000>
|| || "interrupts" = <5d030000>
|| || "diag-config" = <00210080>
|| || "vm-base" = <00000000>
|| || "dart-tunables-instance-0" =
<600000000400000000610080000000000610080000000068000000040000000f0f0f000000000000f0f0f000000000
006c00000004000000ffffff000000000000808080000000000>
|| || "error-reflector" = <00c0ff3c02000000>
|| || "device_type" = <6461727400>
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "reg" = <0000f002050000000400000000000000000f802050000000400000000000000>
|| || "sids" = <0b000000>
|| ||}
|| ||
|| |+-o AppleT8020DART <class AppleT8020DART, id 0x1000003e6, registered, matched, active, busy 0 (46 ms), retain 19>
|| | |{
|| | | "IOClass" = "AppleT8020DART"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOFunctionParent000000B3" = <>
|| | | "IOPlatformActiveAction" = 0x13880
|| | | "noncompliant-dead-mappings" = No
|| | | "IOPlatformSleepAction" = 0x13880
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = "dart,t8020"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IOUserClientClass" = "IODARTClient"
|| | | "IONameMatched" = "dart,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"

```
|| | | "iommu-dart-identity" = <b3000000>
|| | |}
|| | |
|| | +-o mapper-usb1@1  <class IODARTMapperNub, id 0x1000003e9, registered, matched, active, busy 0 (46 ms),
retain 8>
|| | |{
|| | | "AAPL,phandle" = <b4000000>
|| | | "compatible" = <696f6d6d752d6d617070657200>
|| | | "allow-subpage-mapping" = <>
|| | | "dead-mappings" = <00000000000000000040000000000000>
|| | | "device_type" = <646172742d6d617070657200>
|| | | "name" = <6d61707065722d7573623100>
|| | | "reg" = <01000000>
|| | |}
|| | |
|| | +-o IODARTMapper  <class IODARTMapper, id 0x10000040a, registered, matched, active, busy 0 (35 ms), retain
171>
|| | {
|| | "IOClass" = "IODARTMapper"
|| | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | "IOProviderClass" = "IODARTMapperNub"
|| | "iommu-dart-translation" = Yes
|| | "IOUserClientClass" = "IODARTMapperClient"
|| | "IOProbeScore" = 0x0
|| | "IONameMatch" = "iommu-mapper"
|| | "IOMatchedAtBoot" = Yes
|| | "IOMatchCategory" = "IODefaultMatchCategory"
|| | "IONameMatched" = "iommu-mapper"
|| | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | "IOMapperID" = <b4000000>
|| | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | }
|| |
|| +-o usb-drd1@2280000  <class AppleARMIODevice, id 0x1000002c2, registered, matched, active, busy 0 (490 ms),
retain 15>
|| ||{
|| || "host-mac-address" = <d45763cbd55d>
|| || "usb-stream-policy" = <02000000>
|| || "usb-tier-limit" = <06000000>
|| || "function-dock_parent" = <1801000050636361>
|| || "atc-phy-parent" = <b2000000>
|| || "tunable_setting" = <6401000000000000200000000000000000000000000000000000>
|| || "interrupt-parent" = <67000000>
|| || "ncm-self-name-unit" = <01000000>
|| || "interrupts" = <590300005a0300005b0300005c03000030030000>
|| || "ncm-interrupt-ep-disabled" = <01000000>
|| || "iommu-parent" = <b4000000>
|| || "usb-port-current-sleep-limit" = <b80b0000>
|| || "bus-number" = <01000000>
|| || "clock-gates" = <050100005a010000>
|| || "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptControlle
r00000067","IOInterruptController00000067")
|| || "ncm-control-ecid-mac" = <02000000>
|| || "acio-parent" = <58000000>
|| || "built-in" = <>
|| || "tunable" =
<0000000004c1000000ef0100002f0000000000002cc10000ff070a00c8000a000000000064c10000020000000000000
00000000c2000000000002000000020100000180000000ff0000001b00000003000000020000000000000f0000007000
00070000001c0000003f003f00200020000700000020000000001f800000040000007000002800000001000000010000
00000070000002c0000000010000000010000007000003000000001f800000004000000080000002000000000000f07f00
00904e08000000024000000000801f0000800b00>
|| || "tunable_AUSBC_BULK_FABRIC" =
<1c000000000000003f003f00000000002000200000000000020000000000000001f800000000000000040000000000000
0002800000000000000010000000000000000100000000000000002c00000000000000001000000000000000010000000
00000030000000000000001f800000000000000040000000000000000>
|| || "IODeviceMemory" = (({"address"=0x502280000,"length"=0x11800}),
({"address"=0x502200000,"length"=0x4000}),({"address"=0x50228c000,"length"=0x1800}),
({"address"=0x502a84000,"length"=0x4000}),({"address"=0x502800000,"length"=0x4000}),
({"address"=0x502a80000,"length"=0x4000}),({"address"=0x502000000,"length"=0x4000}),
({"address"=0x502080000,"length"=0x4000}),({"address"=0x50228d000,"length"=0x4000}))
|| || "AAPL,phandle" = <b5000000>
|| || "name" = <7573622d6472643100>
|| || "configuration-string" = <6e636d4175784272696e677500>
|| || "device-mac-address" = <000000000000>
|| || "device_type" = <7573622d64726400>
|| || "compatible" = <7573622d6472642c743831303300>
|| || "port-type" = <02000000>
|| || "tunable_AUSBC_CTLREG" = <f000000000000001f0000000000000000000000000000000>
|| || "IOReportLegendPublic" = Yes
|| || "reg" =
<000028020500000000180100000000000000200205000000040000000000000c028020500000000180000000
00000040a80205000000040000000000000000800205000000040000000000000000a8020500000004000000
0000000000000000205000000040000000000000000800205000000040000000000000000d0280205000000040
000000000000>
|| || "port-number" = <02000000>
|| || "usb-restore-disable" = <>
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
```

```
(0x496e747200000002,0x100020001,"        First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
    || ||   "tunable_ATC_LINK_REGS" =
<2000000000000000000000f07f000000000000904e00000000240000000000000000801f000000000000800b0000000
000>
    || ||   "usb-port-current-wake-limit" = <b80b0000>
    || ||   "IOInterruptSpecifiers" = (<59030000>,<5a030000>,<5b030000>,<5c030000>,<30030000>)
    || ||}
    ||  ||
    ||  |+-o AppleT8103USBXHCI@01000000  <class AppleT8103USBXHCI, id 0x100000516, registered, matched, active,
busy 0 (21 ms), retain 39>
    || |||{
    || |||   "IOClass" = "AppleT8103USBXHCI"
    || |||   "kUSBSleepPortCurrentLimit" = 0xbb8
    || |||   "UsbHostControllerSoftRetryPolicy" = 0x0
    || |||   "IOPersonalityPublisher" = "com.apple.driver.usb.AppleSynopsysUSB40XHCI"
    || |||   "IOMatchedAtBoot" = Yes
    || |||   "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x3,"DriverPowerState"=0x0}
    || |||   "IOProviderClass" = "AppleARMIODevice"
    || |||   "IOProbeScore" = 0x2711
    || |||   "locationID" = 0x1000000
    || |||   "kUSBWakePortCurrentLimit" = 0xbb8
    || |||   "IONameMatch" = "usb-drd,t8103"
    || |||   "CFBundleIdentifierKernel" = "com.apple.driver.usb.AppleSynopsysUSB40XHCI"
    || |||   "UsbHostControllerDeferRegisterService" = Yes
    || |||   "IOMatchCategory" = "usb-host"
    || |||   "CFBundleIdentifier" = "com.apple.driver.usb.AppleSynopsysUSB40XHCI"
    || |||   "Revision" = <0103>
    || |||   "IONameMatched" = "usb-drd,t8103"
    || |||   "UsbHostControllerUSB4LPMPolicy" = 0x1
    || |||   "UsbHostControllerStreamPolicy" = 0x2
    || |||   "UsbHostControllerTierLimit" = 0x6
    || |||   "controller-statistics" =
{"kControllerStatIOCount"=0x0,"kControllerStatPowerStateTime"={"kPowerStateInitialize"="0ms
(0%)","kPowerStateOff"="57083130ms (84%)","kPowerStateSleep"="151ms (0%)","kPowerStateOn"="1746ms
(0%)","kPowerStateSuspended"="10696439ms (15%)"},"kControllerStatSpuriousInterruptCount"=0x0}
    || |||   "kUSBSleepSupported" = Yes
    || |||}
    || |||
    || |+-o usb-drd1-port-hs@01100000  <class AppleUSB20XHCIARMPort, id 0x1000007d8, registered, matched,
active, busy 0 (15 ms), retain 11>
    || |||  {
    || |||    "usb-c-port-number" = <02000000>
    || |||    "kUSBSleepPortCurrentLimit" = 0xbb8
    || |||    "AAPL,phandle" = <b6000000>
    || |||    "kUSBWakePortCurrentLimit" = 0xbb8
    || |||    "IOPowerManagement" =
{"PowerOverrideOn"=Yes,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x100,"MaxPowerState"=
0x3,"DriverPowerState"=0x0}
    || |||    "IOGeneralInterest" = "IOCommand is not serializable"
    || |||    "locationID" = 0x1100000
    || |||    "device_type" = <7573622d647264312d706f72742d687300>
    || |||    "kUSBBusCurrentSleepAllocation" = 0x0
    || |||    "port-type" = <04000000>
    || |||    "port-status" = 0x0
    || |||    "kUSBBusCurrentAllocation" = 0x0
    || |||    "UsbCPortNumber" = 0x2
    || |||    "port-statistics" =
{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerSta
teTime"={"kPowerStateOff"="27091237ms (71%)","kPowerStateSleep"="172ms (0%)","kPowerStateOn"="0ms
(0%)","kPowerStateSuspended"="10697025ms
(28%)"},"kPortStatConnectCount"=0x0,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringReset
Count"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount
"=0x0,"kPortStatOverCurrentCount"=0x$
    || |||    "name" = <7573622d647264312d706f72742d687300>
    || |||    "port" = <01000000>
    || |||  }
    || |||
    || ||+-o usb-drd1-port-ss@01200000  <class AppleT8103USB40XHCITypeCPort, id 0x1000007d9, registered,
matched, active, busy 0 (16 ms), retain 14>
    || ||    {
    || ||    "usb-c-port-number" = <02000000>
    || ||    "link-error-count" = 0x0
    || ||    "kUSBSleepPortCurrentLimit" = 0xbb8
    || ||    "AAPL,phandle" = <b7000000>
    || ||    "kUSBWakePortCurrentLimit" = 0xbb8
    || ||    "IOPowerManagement" =
{"PowerOverrideOn"=Yes,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x100,"MaxPowerState"=
0x3,"DriverPowerState"=0x0}
    || ||    "IOGeneralInterest" = "IOCommand is not serializable"
    || ||    "locationID" = 0x1200000
    || ||    "device_type" = <7573622d647264312d706f72742d737300>
    || ||    "kUSBBusCurrentSleepAllocation" = 0x0
    || ||    "port-type" = <04000000>
    || ||    "port-status" = 0x0
    || ||    "kUSBBusCurrentAllocation" = 0x96
    || ||    "UsbCPortNumber" = 0x2
```

    || || "port-statistics" =
{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerSta
teTime"={"kPowerStateOff"="27090557ms (71%)","kPowerStateSleep"="172ms (0%)","kPowerStateOn"="1539ms
(0%)","kPowerStateSuspended"="10696498ms
(28%)"},"kPortStatConnectCount"=0x0,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringReset
Count"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount
"=0x0,"kPortStatOverCurrentCount"$
    || || "name" = <7573622d647264312d706f72742d737300>
    || || "port" = <02000000>
    || || }
    || ||
    || +-o AppleT8103USBXDCI@1 <class AppleT8103USBXDCI, id 0x100000517, registered, matched, active, busy 0 (60
ms), retain 21>
    || | |{
    || | "IOClass" = "AppleT8103USBXDCI"
    || | "IOPlatformPanicAction" = 0x3e8
    || | "IOPersonalityPublisher" = "com.apple.driver.AppleUSBXDCIARM"
    || | "IOMatchedAtBoot" = Yes
    || | "ConfigurationType" = "ncmAuxBringup"
    || | "IOProviderClass" = "AppleARMIODevice"
    || | "DeviceDescription" =
{"MaxPower"=0xffffffffffffffff,"deviceProtocol"=0x0,"productID"=0x1903,"vendorID"=0x5ac,"DefaultBcdUSBVersion"=0x21
0,"ConfigurationDescriptors"=({"Attributes"=0xc0,"Interfaces"=("AppleUSBNCMControl","AppleUSBNCMData","AppleUSB
NCMControlAux","AppleUSBNCMDataAux"),"MaxPower"=0x0}),"deviceClass"=0x0,"manufacturerString"="Apple
Inc.","BcdUSBVersion"=0x210,"productString"="MacBook
Air","Attributes"=0xc0,"MPS0"=0x40,"deviceID"=0x1001,"deviceSubClass"=0x0}
    || | "IOProbeScore" = 0x0
    || | "CreatedTimestamp" = 0x7be387a
    || | "CurrentState" =
{"DeviceAddress"=0x0,"DeviceState"="Disconnected","DefaultPreferredConfiguration"=0x1,"ConnectionSpeed"=0x0,"Soft
wareLinkState"="L0
(Normal)","OnBus"=No,"PreferredConfiguration"=0x1,"RemoteWakeEnabled"=No,"ConnectionSpeedDescription"="Unknow
n","SelectedConfiguration"=0x0}
    || | "IONameMatch" = "usb-drd,t8103"
    || | "FinalizedDurationMS" = 0x20
    || | "CFBundleIdentifierKernel" = "com.apple.driver.AppleUSBXDCIARM"
    || | "ScatterGatherSupport" = Yes
    || | "IOMatchCategory" = "usb-device"
    || | "CFBundleIdentifier" = "com.apple.driver.AppleUSBXDCIARM"
    || | "IONameMatched" = "usb-drd,t8103"
    || | "DefaultDeviceDescription" = {"productString"="MacBook Air","deviceClass"=0x0,"manufacturerString"="Apple
Inc.","deviceID"=0x1001,"productID"=0x1903,"vendorID"=0x5ac,"deviceSubClass"=0x0,"Attributes"=0xc0,"deviceProtocol"
=0x0,"MaxPower"=0xffffffffffffffff,"DefaultBcdUSBVersion"=0x210}
    || | "MapperPageSize" = 0x4000
    || | "FinalizedTimestamp" = 0x7ca3e30
    || | |}
    || | |
    || | +-o IOUSBDeviceConfigurator <class IOUSBDeviceConfigurator, id 0x1000007cc, !registered, !matched, active,
busy 0, retain 4>
    || | | {
    || | "IOPropertyMatch" = {"ConfigurationType"="ncmAuxBringup"}
    || | "CFBundleIdentifier" = "com.apple.iokit.IOUSBDeviceFamily"
    || | "IOProviderClass" = "IOUSBDeviceController"
    || | "IOClass" = "IOUSBDeviceConfigurator"
    || | "IOPersonalityPublisher" = "com.apple.iokit.IOUSBDeviceFamily"
    || | "CFBundleIdentifierKernel" = "com.apple.iokit.IOUSBDeviceFamily"
    || | "IOProbeScore" = 0x0
    || | "DeviceDescription" =
{"ConfigurationDescriptors"=({"Attributes"=0xc0,"Interfaces"=("AppleUSBNCMControl","AppleUSBNCMData","AppleUSBN
CMControlAux","AppleUSBNCMDataAux"),"MaxPower"=0x0})}
    || | "IOMatchedAtBoot" = Yes
    || | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | }
    || | |
    || | +-o AppleUSBNCMControl@0 <class IOUSBDeviceInterface, id 0x1000007ce, registered, matched, active, busy 0
(26 ms), retain 9>
    || | | |{
    || | || "IOCFPlugInTypes" = {"9E72217E-8A60-11DB-BF57-000D936D06D2"="IOUSBDeviceFamily.kext/Contents/
PlugIns/IOUSBDeviceLib.plugin"}
    || | || "IsActive" = No
    || | || "StartedTimestamp" = 0x7be321f
    || | || "IOUserClientClass" = "IOUSBDeviceInterfaceUserClient"
    || | || "USBDeviceFunction" = "AppleUSBNCMControl"
    || | || "FinalizedTimestamp" = 0x7c2740c
    || | || "FinalizedDurationMS" = 0xb
    || | ||}
    || | ||
    || | +-o AppleUSBDeviceNCMControl@0 <class AppleUSBDeviceNCMControl, id 0x1000007f5, registered, matched,
active, busy 0 (15 ms), retain 7>
    || | | {
    || | "IOPropertyMatch" = {"USBDeviceFunction"="AppleUSBNCMControl"}
    || | "CFBundleIdentifier" = "com.apple.driver.AppleUSBDeviceNCM"
    || | "IOProviderClass" = "IOUSBDeviceInterface"
    || | "IOClass" = "AppleUSBDeviceNCMControl"
    || | "IOPersonalityPublisher" = "com.apple.driver.AppleUSBDeviceNCM"
    || | "CFBundleIdentifierKernel" = "com.apple.driver.AppleUSBDeviceNCM"
    || | "IOProbeScore" = 0x0
    || | "IOMatchedAtBoot" = Yes
    || | "IOMatchCategory" = "IODefaultMatchCategory"
    || | }

|| | |
|| | +-o AppleUSBNCMData@1 <class IOUSBDeviceInterface, id 0x1000007d0, registered, matched, active, busy 0 (59 ms), retain 9>
|| | || {
|| | || "IOCFPlugInTypes" = {"9E72217E-8A60-11DB-BF57-000D936D06D2"="IOUSBDeviceFamily.kext/Contents/PlugIns/IOUSBDeviceLib.plugin"}
|| | || "IsActive" = No
|| | || "StartedTimestamp" = 0x7be33e2
|| | || "IOUserClientClass" = "IOUSBDeviceInterfaceUserClient"
|| | || "USBDeviceFunction" = "AppleUSBNCMData"
|| | || "FinalizedTimestamp" = 0x7ca3673
|| | || "FinalizedDurationMS" = 0x20
|| | || }
|| | ||
|| | +-o AppleUSBDeviceNCMData <class AppleUSBDeviceNCMData, id 0x10000080b, registered, matched, active, busy 0 (19 ms), retain 8>
|| | | {
|| | | "IOClass" = "AppleUSBDeviceNCMData"
|| | | "IOActiveMedium" = "00000022"
|| | | "waitControlStart" = 0x1532
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleUSBDeviceNCM"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMinPacketSize" = 0x40
|| | | "IOProviderClass" = "IOUSBDeviceInterface"
|| | | "IOLinkStatus" = 0x1
|| | | "waitControlFinish" = 0x1544
|| | | "IOPacketFilters" = {"IONetworkFilterGroup"=0x133,"IOEthernetWakeOnLANFilterGroup"=0x0}
|| | | "IOProbeScore" = 0x0
|| | | "IOPropertyMatch" = {"USBDeviceFunction"="AppleUSBNCMData"}
|| | | "AVBControllerState" = 0x1
|| | | "IOMediumDictionary" = {"00100026"={"Index"=0x1,"Type"=0x100026,"Flags"=0x0,"Speed"=0x64},"00000022"={"Index"=0x0,"Type"=0x22,"Flags"=0x0,"Speed"=0x0}}
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleUSBDeviceNCM"
|| | | "IOMACAddress" = <2ec78e2f4722>
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleUSBDeviceNCM"
|| | | "IOMaxPacketSize" = 0x3e92
|| | | "IOSelectedMedium" = "00000022"
|| | | "IOLinkSpeed" = 0x0
|| | | "HiddenConfiguration" = Yes
|| | | "IOFeatures" = 0x0
|| | | }
|| | |
|| | +-o en4 <class IOEthernetInterface, id 0x10000081b, registered, matched, active, busy 0 (26 ms), retain 11>
|| | | {
|| | | "IOLocation" = ""
|| | | "IORequiredPacketFilters" = {"IONetworkFilterGroup"=0x13,"IOEthernetWakeOnLANFilterGroup"=0x0}
|| | | "IOLinkActiveCount" = 0x0
|| | | "BSD Name" = "en4"
|| | | "IOMulticastAddressList" = <0180c2000003>
|| | | "IOInterfaceType" = 0x6
|| | | "IOMaxTransferUnit" = 0x5dc
|| | | "IOInterfaceFlags" = 0x8863
|| | | "IOInterfaceState" = 0x3
|| | | "IOMediaAddressLength" = 0x6
|| | | "IOMediaHeaderLength" = 0xe
|| | | "IOActivePacketFilters" = {"IONetworkFilterGroup"=0x13,"IOEthernetWakeOnLANFilterGroup"=0x0}
|| | | "IOInterfaceExtraFlags" = 0x41000080
|| | | "IOPrimaryInterface" = No
|| | | "IOControllerEnabled" = Yes
|| | | "IOInterfaceUnit" = 0x4
|| | | "IOInterfaceNamePrefix" = "en"
|| | | "IOBuiltin" = No
|| | | "IONetworkData" = {"IONetworkStatsKey"={"Size"=0x14,"Data"=<00000000000000000000000000000000000000000>,"Access Types"=0x9},"IOEthernetStatsKey"={"Size"=0xd8,"Data"=<00$
|| | | }
|| | |
|| | +-o IONetworkStack <class IONetworkStack, id 0x100000609, registered, matched, active, busy 0 (4 ms), retain 20>
|| | | {
|| | | "IOProbeScore" = 0x0
|| | | "CFBundleIdentifier" = "com.apple.iokit.IONetworkingFamily"
|| | | "IOMatchCategory" = "IONetworkStack"
|| | | "IOClass" = "IONetworkStack"
|| | | "IOPersonalityPublisher" = "com.apple.iokit.IONetworkingFamily"
|| | | "IOProviderClass" = "IOResources"
|| | | "CFBundleIdentifierKernel" = "com.apple.iokit.IONetworkingFamily"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOUserClientClass" = "IONetworkStackUserClient"
|| | | "IOResourceMatch" = "IOBSD"
|| | | }
|| | |
|| | +-o IONetworkStackUserClient <class IONetworkStackUserClient, id 0x100000aac, !registered, !matched, active, busy 0, retain 5>

```
|| | |          {
|| | |            "IOUserClientCreator" = "pid 325, configd"
|| | |            "IOUserClientDefaultLocking" = Yes
|| | |          }
|| | |
|| | +-o AppleUSBNCMControlAux@2  <class IOUSBDeviceInterface, id 0x1000007d2, registered, matched, active,
busy 0 (26 ms), retain 9>
|| | | ||{
|| | | || "IOCFPlugInTypes" = {"9E72217E-8A60-11DB-BF57-000D936D06D2"="IOUSBDeviceFamily.kext/Contents/
PlugIns/IOUSBDeviceLib.plugin"}
|| | | || "IsActive" = No
|| | | || "StartedTimestamp" = 0x7be3531
|| | | || "IOUserClientClass" = "IOUSBDeviceInterfaceUserClient"
|| | | || "USBDeviceFunction" = "AppleUSBNCMControlAux"
|| | | || "FinalizedTimestamp" = 0x7c2f7c7
|| | | || "FinalizedDurationMS" = 0xc
|| | | ||}
|| | | ||
|| | +-o AppleUSBDeviceNCMControl@2  <class AppleUSBDeviceNCMControl, id 0x100000805, registered,
matched, active, busy 0 (13 ms), retain 7>
|| | |       {
|| | |         "IOPropertyMatch" = {"USBDeviceFunction"="AppleUSBNCMControlAux"}
|| | |         "CFBundleIdentifier" = "com.apple.driver.AppleUSBDeviceNCM"
|| | |         "IOProviderClass" = "IOUSBDeviceInterface"
|| | |         "IOClass" = "AppleUSBDeviceNCMControl"
|| | |         "IOPersonalityPublisher" = "com.apple.driver.AppleUSBDeviceNCM"
|| | |         "NetworkInterfaceFlags" = 0x20000000
|| | |         "ncm-control-use-aux" = <01000000>
|| | |         "CFBundleIdentifierKernel" = "com.apple.driver.AppleUSBDeviceNCM"
|| | |         "IOProbeScore" = 0x0
|| | |         "IOMatchedAtBoot" = Yes
|| | |         "IOMatchCategory" = "IODefaultMatchCategory"
|| | |       }
|| | |
|| | +-o AppleUSBNCMDataAux@3  <class IOUSBDeviceInterface, id 0x1000007d4, registered, matched, active, busy
0 (49 ms), retain 9>
|| | | |{
|| | | | "IOCFPlugInTypes" = {"9E72217E-8A60-11DB-BF57-000D936D06D2"="IOUSBDeviceFamily.kext/Contents/
PlugIns/IOUSBDeviceLib.plugin"}
|| | | | "IsActive" = No
|| | | | "StartedTimestamp" = 0x7be3677
|| | | | "IOUserClientClass" = "IOUSBDeviceInterfaceUserClient"
|| | | | "USBDeviceFunction" = "AppleUSBNCMDataAux"
|| | | | "FinalizedTimestamp" = 0x7c83d65
|| | | | "FinalizedDurationMS" = 0x1b
|| | | |}
|| | |
|| | +-o AppleUSBDeviceNCMData  <class AppleUSBDeviceNCMData, id 0x100000813, registered, matched, active,
busy 0 (22 ms), retain 9>
|| | | |{
|| | | | "IOClass" = "AppleUSBDeviceNCMData"
|| | | | "IOActiveMedium" = "00000022"
|| | | | "waitControlStart" = 0x1536
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleUSBDeviceNCM"
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMinPacketSize" = 0x40
|| | | | "IOProviderClass" = "IOUSBDeviceInterface"
|| | | | "IOLinkStatus" = 0x1
|| | | | "waitControlFinish" = 0x153f
|| | | | "IOPacketFilters" = {"IONetworkFilterGroup"=0x133,"IOEthernetWakeOnLANFilterGroup"=0x0}
|| | | | "IOProbeScore" = 0x0
|| | | | "HiddenInterface" = Yes
|| | | | "IOPropertyMatch" = {"USBDeviceFunction"="AppleUSBNCMDataAux"}
|| | | | "AVBControllerState" = 0x1
|| | | | "IOMediumDictionary" =
{"00100026"={"Index"=0x1,"Type"=0x100026,"Flags"=0x0,"Speed"=0x64},"00000022"={"Index"=0x0,"Type"=0x22,"Flags"
"=0x0,"Speed"=0x0}}
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleUSBDeviceNCM"
|| | | | "IOMACAddress" = <2ec78e2f4742>
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleUSBDeviceNCM"
|| | | | "IOMaxPacketSize" = 0x3e92
|| | | | "IOSelectedMedium" = "00000022"
|| | | | "SelfNamed" = Yes
|| | | | "IOLinkSpeed" = 0x0
|| | | | "HiddenConfiguration" = Yes
|| | | | "IOFeatures" = 0x0
|| | | |}
|| | |
|| | +-o anpi1  <class AppleUSBDeviceNCMPrivateEthernetInterface, id 0x100000819, registered, matched, active,
busy 0 (10 ms), retain 11>
|| | | |{
|| | | | "IOLocation" = ""
|| | | | "IORequiredPacketFilters" = {"IONetworkFilterGroup"=0x3,"IOEthernetWakeOnLANFilterGroup"=0x0}
|| | | | "IOLinkActiveCount" = 0x0
|| | | | "BSD Name" = "anpi1"
|| | | | "IOMaxTransferUnit" = 0x5dc
|| | | | "IOInterfaceType" = 0x6
|| | | | "IOInterfaceFlags" = 0x8863
|| | | | "IOMediaAddressLength" = 0x6
```

```
    || |      |   "IOInterfaceState" = 0x3
    || |      |   "IOGeneralInterest" = "IOCommand is not serializable"
    || |      |   "IOMediaHeaderLength" = 0xe
    || |      |   "IOActivePacketFilters" = {"IONetworkFilterGroup"=0x3,"IOEthernetWakeOnLANFilterGroup"=0x0}
    || |      |   "IOInterfaceExtraFlags" = 0x41000080
    || |      |   "IOPrimaryInterface" = No
    || |      |   "IOControllerEnabled" = Yes
    || |      |   "IOInterfaceUnit" = 0x1
    || |      |   "IOInterfaceNamePrefix" = "anpi"
    || |      |   "IOBuiltin" = No
    || |      |   "IONetworkData" =
{"IONetworkStatsKey"={"Size"=0x14,"Data"=<00000000000000000000000000000000000000000>,"Access
Types"=0x9},"IOEthernetStatsKey"={"Size"=0xd8,"Data"=<0000000000000000000000000000000000000000000
000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000$
    || |      |}
    || |      |
    || |      +-o IONetworkStack  <class IONetworkStack, id 0x100000609, registered, matched, active, busy 0 (4 ms),
retain 20>
    || |        |{
    || |        |   "IOProbeScore" = 0x0
    || |        |   "CFBundleIdentifier" = "com.apple.iokit.IONetworkingFamily"
    || |        |   "IOMatchCategory" = "IONetworkStack"
    || |        |   "IOClass" = "IONetworkStack"
    || |        |   "IOPersonalityPublisher" = "com.apple.iokit.IONetworkingFamily"
    || |        |   "IOProviderClass" = "IOResources"
    || |        |   "CFBundleIdentifierKernel" = "com.apple.iokit.IONetworkingFamily"
    || |        |   "IOMatchedAtBoot" = Yes
    || |        |   "IOUserClientClass" = "IONetworkStackUserClient"
    || |        |   "IOResourceMatch" = "IOBSD"
    || |        |}
    || |        |
    || |        +-o IONetworkStackUserClient  <class IONetworkStackUserClient, id 0x100000aac, !registered, !matched,
active, busy 0, retain 5>
    || |            {
    || |              "IOUserClientCreator" = "pid 325, configd"
    || |              "IOUserClientDefaultLocking" = Yes
    || |            }
    || |
    || +-o nub-spmi@3D0D9300  <class AppleARMIODevice, id 0x1000002c3, registered, matched, active, busy 0 (430
ms), retain 10>
    || ||{
    || ||   "queue-depth" = <0001000000010000>
    || ||   "IOInterruptSpecifiers" =
(<c0000000>,<57010000>,<c8000000>,<c9000000>,<cc000000>,<cd000000>,<c4000000>,<c5000000>,<ca000000
>,<d7000000>,<d8000000>,<d9000000>,<da000000>,<db000000>,<dc000000>,<dd000000>,<c6000000>,<c70000
00>,<cb000000>)
    || ||   "other-interrupts" =
<c4000000c5000000ca000000d7000000d8000000d9000000da000000db000000dc000000dd000000c6000000c700
0000cb000000>
    || ||   "#address-cells" = <00000000>
    || ||   "fatal-interrupts" = <>
    || ||   "AAPL,phandle" = <b8000000>
    || ||   "IODeviceMemory" = (({"address"=0x23d0d9300,"length"=0x100}),
({"address"=0x23d0d8e00,"length"=0x100}),({"address"=0x23d0d8400,"length"=0x78}))
    || ||   "IOReportLegendPublic" = Yes
    || ||   "InterruptControllerName" = "IOInterruptController000000B8"
    || ||   "IOInterruptControllers" =
("IOInterruptController000000B8","IOInterruptController00000067","IOInterruptController000000B8","IOInterruptControll
er000000B8","IOInterruptController000000B8","IOInterruptController000000B8","IOInterruptController000000B8","IOInte
rruptController000000B8","IOInterruptController000000B8","IOInterruptController000000B8","IOInterruptController0000
00B8","IOInterruptController000000B8","IOInterruptController000000B8","IOInterruptController000000B8","IOInterruptCo
ntroller000000B8","IOInterruptController000$
    || ||   "name" = <6e75622d73706d6900>
    || ||   "interrupt-parent" = <b800000067000000b8000000>
    || ||   "error-interrupts" = <c8000000c9000000cc000000cd000000>
    || ||   "interrupt-controller" = <>
    || ||   "compatible" = <73706d692c67656e3100>
    || ||   "interrupts" =
<c000000057010000c8000000c9000000cc000000cd000000c4000000c5000000ca000000d7000000d8000000d900
0000da000000db000000dc000000dd000000c6000000c7000000cb000000>
    || ||   "#interrupt-cells" = <01000000>
    || ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"       First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"        Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)"))"IORepo$
    || ||   "device_type" = <696e746572727570742d636f6e74726f6c6c657200>
    || ||   "reg" =
<00930d3d0000000000001000000000000008e0d3d0000000000010000000000000840d3d000000007800000000000
0000>
    || ||   "fault-counters-enabled" = <01000000>
    || ||}
    || ||
    || |+-o AppleGen1SPMIController  <class AppleGen1SPMIController, id 0x1000003ea, registered, matched, active, busy
0 (235 ms), retain 8>
    || | |{
```

```
|| | | "IOClass" = "AppleGen1SPMIController"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleSPMI"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOPlatformWakeAction" = 0x1f4
|| | | "IOUserClientClass" = "AppleARMSPMIControllerUserClient"
|| | | "IOPlatformSleepAction" = 0x1f4
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = "spmi,gen1"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IOReportLegend" = ({"IOReportGroupName"="nub-
spmi","IOReportChannels"=((0x4661756c74303032,0x180000001,"BusPr-CmdPrty-BOM Count"),
(0x4661756c74303033,0x180000001,"BusPr-CmdPrty-NoBOM Count"),(0x4661756c74303034,0x180000001,"BusPr-
CmdUnrecog Count"),(0x4661756c74303035,0x180000001,"BusPr-ExtColl Count"),
(0x4661756c74303036,0x180000001,"ExtOp-WR Count"),(0x4661756c74303037,0x180000001,"ExtOp-RD Count"),
(0x4661756c74303038,0x180000001,"BusPr-AdrPrty Count"),(0x4661756c74303039,0x180000001,"SOC-WrDis-Fltr
Count"),(0x4661756c7430$
|| | | "IOReportLegendPublic" = Yes
|| | | "IONameMatched" = "spmi,gen1"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPMI"
|| | | "InterruptControllerName" = "IOInterruptController000000B8"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPMI"
|| | |}
|| | |
|| | +-o spmi-pmu@F  <class AppleARMSPMIDevice, id 0x10000052c, registered, matched, active, busy 0 (167 ms),
retain 8>
|| | ||{
|| | || "info-fault_shadow" = <7ba4000010000000>
|| | || "info-has_slpsmc" = <01000000>
|| | || "info-clock_offset" = <00d1000006000000>
|| | || "function-external_standby" = <9b0000005779656b4553424d>
|| | || "IOInterruptControllers" = ("IOInterruptController000000B8")
|| | || "info-rtc_alarm_mask" = <01000000>
|| | || "info-rtc_alarm_offset" = <08d00000>
|| | || "info-id" = <000000000a000000>
|| | || "info-fault_name-22" = <7373746174652c627574746f6e5f6466755f7265636f766572200>
|| | || "info-fault_name-15" = <75762c7664645f626f6f73745f75766f6c00>
|| | || "info-scrpad_socd" = <00ab000000040000>
|| | || "ptmu-region-15-data" = <008c000000040000>
|| | || "ptmu-region-1-data" = <4080000040000000>
|| | || "ptmu-region-3-data" = <c080000040000000>
|| | || "info-rtc" = <02d00000>
|| | || "info-fault_name-23" = <63726173682c7363726173685f696e00>
|| | || "info-fault_name-16" = <73706d692c73706d695f6661756c7400>
|| | || "has-fw" = <01000000>
|| | || "reg" = <0f00000003000000000000000000004000000000000000000000000000>
|| | || "ptmu-region-5-data" = <4081000040000000>
|| | || "info-rtc_alarm_ctrl_en_mask" = <40000000>
|| | || "info-fault_log" = <00d2000004000000>
|| | || "info-fault_name-0" = <706f7200>
|| | || "info-pm_setting" = <01d00000>
|| | || "info-has_phra" = <01000000>
|| | || "ptmu-region-7-data" = <c081000040000000>
|| | || "is-primary" = <01000000>
|| | || "IOUserClientClass" = "AppleARMSPMIDeviceUserClient"
|| | || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"  Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IO$
|| | || "info-fault_name-24" = <6f74705f63726300>
|| | || "info-fault_name-1" = <72737400>
|| | || "function-suspend_helper" = <7e00000054523253>
|| | || "info-fault_name-17" = <6e74635f7368646e6e00>
|| | || "ptmu-region-9-data" = <8082000080000000>
|| | || "upo-shutdown-delay" = <00000000>
|| | || "ptmu-region-10-data" = <0083000080000000>
|| | || "info-fault_name-10" = <62746e5f7273742c62746e5f7365715f726573657400>
|| | || "info-fault_name-2" = <706f722c706f725f76646472746400>
|| | || "hw-name" = <7365726100>
|| | || "info-fault_name-18" = <74696d656f75742c64626c636c69636b5f74696d656f757400>
|| | || "info-fault_name-25" = <736770696f00>
|| | || "info-fault_name-3" = <7273742c7273745f76646472746400>
|| | || "name" = <73706d692d706d7500>
|| | || "ptmu-region-11-data" = <8083000080000000>
|| | || "info-fault_name-11" = <77646f672c72657365745f696e5f3100>
|| | || "AAPL,phandle" = <b9000000>
|| | || "info-fault_name-4" = <6f742c6f76657274656d7000>
|| | || "info-rtc_scrpad" = <00d10000>
|| | || "compatible" = <706d752c73706d6900706d752c7365726100>
|| | || "info-rtc_alarm_event" = <0cd00000>
|| | || "IOInterruptSpecifiers" = (<02000000>)
|| | || "IOReportLegendPublic" = Yes
|| | || "ptmu-region-0-data" = <0080000040000000>
|| | || "info-fault_name-19" = <7373746174652c77616c6c6c6c65745f63726173685f73657100>
|| | || "info-fault_name-26" = <6f742c74656d705f6162735f6275636b3000>
|| | || "info-fault_name-5" = <75762c706f725f7761726e00>
|| | || "info-scrpad" = <00a0000000100000>
|| | || "ptmu-region-2-data" = <8080000040000000>
```

|| | || "info-fault_name-12" = <6462675f7273742c72657365745f696e5f3200>
|| | || "ptmu-region-12-data" = <0084000000020000>
|| | || "info-fault_name-6" = <75762c7664646d61696e5e5f75766c6f00>
|| | || "ptmu-region-4-data" = <0081000040000000>
|| | || "info-leg_scrpad" = <009f0000>
|| | || "info-fault_name-27" = <6f742c74656d705f6162735f6275636b3100>
|| | || "info-fault_name-7" = <6f762c7664646d61696e5e5f766c6f00>
|| | || "interrupts" = <02000000>
|| | || "ptmu-region-6-data" = <8081000040000000>
|| | || "info-rtc_alarm_ctrl" = <00d00000>
|| | || "info-fault_name-13" = <736f63686f742c72657365745f696e5f3300>
|| | || "info-fault_name-20" = <75762c7664646d61696e5e5f75766c6f5f686f6c6400>
|| | || "ptmu-region-13-data" = <0086000000020000>
|| | || "info-fault_name-8" = <62746e5f7273742c74776f5f66696e6765725f72737400>
|| | || "interrupt-parent" = <b8000000>
|| | || "ptmu-region-8-data" = <0082000080000000>
|| | || "device_type" = <73706d692d706d7500>
|| | || "info-fault_name-28" = <75762c6273746c715f75766c6f00>
|| | || "info-rtc_alarm_monitor_mask" = <01000000>
|| | || "info-fault_name-9" = <63726173682c63726173685f696e6e00>
|| | || "info-rtc_irq_mask_offset" = <0ed00000>
|| | || "info-fault_name-14" = <62746e5f7368646e6e00>
|| | || "info-fault_name-21" = <74696e656e5f75742c7761746368646f675f74696d656f757400>
|| | || "ptmu-region-14-data" = <0088000000040000>
|| | ||}
|| | ||
|| | +-o AppleDialogSPMIPMU <class AppleDialogSPMIPMU, id 0x10000054b, registered, matched, active, busy 0
(11 ms), retain 8>
|| | | |{
|| | | | "IOPMUBootUPOState" = 0x0
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOPMUBootErrorAppName" = 0x0
|| | | | "IOPMUBootErrorStage" = 0x0
|| | | | "IOPMUSPMITimeoutCount" = 0x0
|| | | | "IOPMUBootErrorFaults" = ()
|| | | | "IONameMatched" = "pmu,spmi"
|| | | | "IOPMUBootReasonLPMSU" = 0x0
|| | | | "IOPMUBootOff2WakeSource" = ()
|| | | | "IOPMUBootFaultInfo" = ("wdog,reset_in_1")
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPMIPMU"
|| | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | "IOPlatformActiveAction" = 0xbb8
|| | | | "IOPMUPrimary" = 0x1
|| | | | "IOPlatformSleepAction" = 0x190
|| | | | "IOFunctionParent000000B9" = <>
|| | | | "IOPMUBootDebug" = 0x0
|| | | | "IOPlatformQuiesceAction" = 0x17ed0
|| | | | "IOPMUBootAppName" = 0x0
|| | | | "IOPMUBootErrorFailCount" = 0x0
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleSPMIPMU"
|| | | | "IOPMUBootErrorClear" = 0x0
|| | | | "IOPMUBootErrorPanicCount" = 0x0
|| | | | "IOProviderClass" = "AppleARMSPMIDevice"
|| | | | "IOPMUBootLPMFWSCC" = 0x0
|| | | | "IOPMUBootSOCDClear" = 0x0
|| | | | "IONameMatch" = "pmu,spmi"
|| | | | "IOClass" = "AppleDialogSPMIPMU"
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPMIPMU"
|| | | | "IOPlatformWakeAction" = 0x190
|| | | | "IOPMUBootLPMState" = 0x0
|| | | | "IOPMUSPMIParityErrCount" = 0x0
|| | | | "IOMatchCategory" = "AppleSPMIPMU"
|| | | | "IOPMUBootStage" = 0xff
|| | | | "IOProbeScore" = 0x0
|| | | | "IOPMUBootUPOCounter" = 0x0
|| | | | "IOPMUSPMINakCount" = 0x0
|| | | | |}
|| | | |
|| | | +-o AppleDialogSPMIPMURTC <class AppleDialogSPMIPMURTC, id 0x10000056d, registered, matched, active,
busy 0 (0 ms), retain 6>
|| | | | {
|| | | | "IOProbeScore" = 0x0
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleSPMIPMU"
|| | | | "IOMatchCategory" = "AppleSPMIPMURTC"
|| | | | "IOClass" = "AppleDialogSPMIPMURTC"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPMIPMU"
|| | | | "IOProviderClass" = "AppleDialogSPMIPMU"
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPMIPMU"
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOPlatformSleepAction" = 0x0
|| | | | }
|| | | |
|| | | +-o btm@F <class AppleARMSPMIDevice, id 0x100000788, registered, matched, active, busy 0 (31 ms), retain 8>
|| | | |{
|| | | | "disable-pmu-filtered-data-read" = <01000000>
|| | | | "btm-pmu-type" = <04000000>
|| | | | "compatible" = <62746d00>
|| | | | "interrupt-parent" = <b8000000>
|| | | | "interrupts" = <3e000000>
|| | | | "AAPL,phandle" = <ba000000>

```
|| |   |   "reg" = <0f0000003000000000000000400000000000000000000000>
|| |   |   "IOInterruptSpecifiers" = (<3e000000>)
|| |   |   "IOInterruptControllers" = ("IOInterruptController000000B8")
|| |   |   "device_type" = <62746d00>
|| |   |   "function-suspend_helper" = <7e00000054523253>
|| |   |   "IOUserClientClass" = "AppleARMSPMIDeviceUserClient"
|| |   |   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"       First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IO$
|| |   |   "IOReportLegendPublic" = Yes
|| |   |   "#num-spmi-interrupts" = <01000000>
|| |   |   "name" = <62746d00>
|| |   | }
|| |   |
|| |   +-o AppleBTM  <class AppleBTM, id 0x1000007a8, registered, matched, active, busy 0 (12 ms), retain 10>
|| |     | {
|| |     |   "IOClass" = "AppleBTM"
|| |     |   "InputReportElements" =
({"ReportID"=0x1,"ElementCookie"=0xd,"Size"=0x8,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x0,
"ReportSize"=0x8,"Usage"=0x0},
{"ReportID"=0x2,"ElementCookie"=0xe,"Size"=0x3ea0,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0
x0,"ReportSize"=0x3ea0,"Usage"=0x0})
|| |     |   "Transport" = "SPMI"
|| |     |   "IOFunctionParent000000BA" = <>
|| |     |   "IOPersonalityPublisher" = "com.apple.driver.AppleBTM"
|| |     |   "IOMatchedAtBoot" = Yes
|| |     |   "IOReportLegendPublic" = Yes
|| |     |   "MaxInputReportSize" = 0x7d4
|| |     |   "IOProviderClass" = "AppleARMSPMIDevice"
|| |     |   "Manufacturer" = "APPL"
|| |     |   "Product" = "BTM"
|| |     |   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x48})
|| |     |   "IOProbeScore" = 0x0
|| |     |   "ReportDescriptor" =
<0600ff0a4800a1010629ff8501257f950175080901b1020902b1020925a10385022476983e090381220904761804b102c
0c0>
|| |     |   "MaxOutputReportSize" = 0x1
|| |     |   "IOUserClientClass" = "IOHIDLibUserClient"
|| |     |   "IONameMatch" = "btm"
|| |     |   "IOCFPlugInTypes" = {"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| |     |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleBTM"
|| |     |   "IOMatchCategory" = "AppleBTM"
|| |     |   "CFBundleIdentifier" = "com.apple.driver.AppleBTM"
|| |     |   "IONameMatched" = "btm"
|| |     |   "PrimaryUsage" = 0x48
|| |     |   "Elements" =
({"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"Elements"=({"ReportID"=
0x0,"ElementCookie"=0x2,"CollectionType"=0x3,"Type"=0x201,"VariableSize"=0x0,"Elements"=({"VariableSize"=0x0,"Unit
Exponent"=0x0,"IsRelative"=No,"UsagePage"=0xff29,"Max"=0x0,"IsArray"=No,"Type"=0x1,"Size"=0x3e98,"Min"=0x0,"Flag
s"=0x22,"ReportID"=0x2,"Usage"=0x3,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"ReportSize"=0x3e98,"HasPrefe
rredState"=No,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,$
|| |     |   "ReportInterval" = 0x1f40
|| |     |   "IOReportLegend" = ({"IOReportGroupName"="IOHIDDevice Input Report
Errors","IOReportChannels"=((0x1,0x100020001,"Report 1"),(0x2,0x100020001,"Report
2")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="Input Report IDs"})
|| |     |   "PrimaryUsagePage" = 0xff00
|| |     |   "IOKitDebug" = 0xffff
|| |     |   "MaxFeatureReportSize" = 0x84
|| |     | }
|| |     |
|| |     +-o IOHIDInterface  <class IOHIDInterface, id 0x1000007b8, registered, matched, active, busy 0 (11 ms), retain
6>
|| |         {
|| |         "MaxOutputReportSize" = 0x1
|| |         "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
|| |         "IOServiceDEXTEntitlements" = ("com.apple.developer.driverkit.transport.hid")
|| |         "Product" = "BTM"
|| |         "PrimaryUsage" = 0x48
|| |         "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x48})
|| |         "Transport" = "SPMI"
|| |         "ReportInterval" = 0x1f40
|| |         "ReportDescriptor" =
<0600ff0a4800a1010629ff8501257f950175080901b1020902b1020925a10385022476983e090381220904761804b102c
0c0>
|| |         "Manufacturer" = "APPL"
|| |         "PrimaryUsagePage" = 0xff00
|| |         "MaxFeatureReportSize" = 0x84
|| |         "MaxInputReportSize" = 0x7d4
|| |         }
|| |
|| +-o nub-spmi1@3D0E1300  <class AppleARMIODevice, id 0x1000002c4, registered, matched, active, busy 0 (202
ms), retain 9>
|| || {
|| ||   "queue-depth" = <0001000000010000>
```

|| || "IOInterruptSpecifiers" =
(<c0000000>,<61010000>,<c8000000>,<c9000000>,<cc000000>,<cd000000>,<c4000000>,<c5000000>,<ca000000
>,<d7000000>,<d8000000>,<d9000000>,<da000000>,<db000000>,<dc000000>,<dd000000>,<c6000000>,<c70000
00>,<cb000000>)
|| || "other-interrupts" =
<c4000000c5000000ca000000d7000000d8000000d9000000da000000db000000dc000000dd000000c6000000c700
0000cb000000>
|| || "#address-cells" = <00000000>
|| || "fatal-interrupts" = <>
|| || "AAPL,phandle" = <bb000000>
|| || "IODeviceMemory" = (({"address"=0x23d0e1300,"length"=0x100}),({"address"=0x23d0e0e00,"length"=0x100}),
({"address"=0x23d0e0400,"length"=0x78}))
|| || "IOReportLegendPublic" = Yes
|| || "InterruptControllerName" = "IOInterruptController000000BB"
|| || "IOInterruptControllers" =
("IOInterruptController000000BB","IOInterruptController00000067","IOInterruptController000000BB","IOInterruptControll
er000000BB","IOInterruptController000000BB","IOInterruptController000000BB","IOInterruptController000000BB","IOInte
rruptController000000BB","IOInterruptController000000BB","IOInterruptController000000BB","IOInterruptController0000
00BB","IOInterruptController000000BB","IOInterruptController000000BB","IOInterruptController000000BB","IOInterruptC
ontroller000000BB","IOInterruptController000$
|| || "name" = <6e75622d73706d693100>
|| || "interrupt-parent" = <bb00000067000000bb000000>
|| || "error-interrupts" = <c8000000c9000000cc000000cd000000>
|| || "interrupt-controller" = <>
|| || "compatible" = <73706d692c27656e6e3100>
|| || "interrupts" =
<c000000061010000c8000000c9000000cc000000cd000000c4000000c5000000ca000000d7000000d8000000d9000
000da000000db000000dc000000dd000000c6000000c7000000cb000000>
|| || "#interrupt-cells" = <01000000>
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "device_type" = <696e746572727275570742d636f6e74726f6c6c657200>
|| || "reg" =
<00130e3d000000000001000000000000000e0e3d00000000000100000000000000040e3d0000000078000000000
0000>
|| || "fault-counters-enabled" = <01000000>
|| ||}
|| ||
|| || +-o AppleGen1SPMIController <class AppleGen1SPMIController, id 0x100000335, registered, matched, active,
busy 0 (37 ms), retain 7>
|| | |{
|| | | "IOClass" = "AppleGen1SPMIController"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleSPMI"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOPlatformWakeAction" = 0x1f4
|| | | "IOUserClientClass" = "AppleARMSPMIControllerUserClient"
|| | | "IOPlatformSleepAction" = 0x1f4
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = "spmi,gen1"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IOReportLegend" = ({"IOReportGroupName"="nub-
spmi1","IOReportChannels"=((0x4661756c74303032,0x180000001,"BusPr-CmdPrty-BOM Count"),
(0x4661756c74303033,0x180000001,"BusPr-CmdPrty-NoBOM Count"),(0x4661756c74303034,0x180000001,"BusPr-
CmdUnrecog Count"),(0x4661756c74303035,0x180000001,"BusPr-ExtColl Count"),
(0x4661756c74303036,0x180000001,"ExtOp-WR Count"),(0x4661756c74303037,0x180000001,"ExtOp-RD Count"),
(0x4661756c74303038,0x180000001,"BusPr-AdrPrty Count"),(0x4661756c74303039,0x180000001,"SOC-WrDis-Fltr
Count"),(0x4661756c743$
|| | | "IOReportLegendPublic" = Yes
|| | | "IONameMatched" = "spmi,gen1"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPMI"
|| | | "InterruptControllerName" = "IOInterruptController000000BB"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPMI"
|| | |}
|| | |
|| | +-o spmi-simetra@F <class AppleARMSPMIDevice, id 0x100000395, registered, matched, active, busy 0 (35 ms),
retain 8>
|| | |{
|| | | "ptmu-region-1-data" = <4080000040000000>
|| | | "info-fault_log" = <0018000002000000>
|| | | "info-fault_name-12" = <75762c696e7465726e616c5f626f6f73745f75766c6f00>
|| | | "ptmu-region-13-data" = <0086000000020000>
|| | | "ptmu-region-12-data" = <0084000000020000>
|| | | "ptmu-region-4-data" = <0081000040000000>
|| | | "info-fault_name-5" = <7273745f696e2c72657365745f696e5f7269736500>
|| | | "ptmu-region-11-data" = <8083000080000000>
|| | | "ptmu-region-7-data" = <c081000040000000>
|| | | "ptmu-region-10-data" = <0083000080000000>
|| | | "IOInterruptSpecifiers" = (<02000000>)
|| | | "interrupt-parent" = <bb000000>
|| | | "hw-name" = <73696d6574726100>
|| | | "info-fault_name-6" = <7273745f696e2c72657365745f66616c6c00>
|| | | "IOUserClientClass" = "AppleARMSPMIDeviceUserClient"
|| | | "interrupts" = <02000000>
|| | | "info-fault_name-13" = <73706d692c73706d695f6661756c7400>
|| | | "info-fault_name-7" = <63726173682c7363726173685f696e00>

|| | | "ptmu-region-2-data" = <8080000040000000>
|| | | "ptmu-region-5-data" = <4081000040000000>
|| | | "ptmu-region-8-data" = <0082000080000000>
|| | | "info-fault_name-8" = <6e74635f7368646e00>
|| | | "IOInterruptControllers" = ("IOInterruptController000000BB")
|| | | "has-fw" = <01000000>
|| | | "info-fault_name-9" = <74696d656f75742c7761746368646f675f746f00>
|| | | "AAPL,phandle" = <bc000000>
|| | | "info-scrpad" = <00a0000000080000>
|| | | "name" = <73706d692d73696d6574726100>
|| | | "info-fault_name-0" = <706f7200>
|| | | "info-fault_name-10" = <6f74705f63726300>
|| | | "ptmu-region-0-data" = <0080000040000000>
|| | | "compatible" = <706d752c73706d6900706d752c73696d6574726100>
|| | | "info-fault_name-1" = <72737400>
|| | | "device_type" = <73706d692d73696d6574726100>
|| | | "ptmu-region-3-data" = <c080000040000000>
|| | | "ptmu-region-6-data" = <8081000040000000>
|| | | "ptmu-region-9-data" = <8082000080000000>
|| | | "info-fault_name-2" = <6f742c6f76657274656d7000>
|| | | "info-leg_scrpad" = <009f0000>
|| | | "IOReportLegendPublic" = Yes
|| | | "info-fault_name-11" = <736770696f00>
|| | | "reg" = <0f000000030000000000000040000000000000000000000000>
|| | | "function-suspend_helper" = <7e00000054523253>
|| | | "info-fault_name-3" = <75762c7664646d61696e6e5f75766c6f00>
|| | | "ptmu-region-15-data" = <008c000000040000>
|| | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IO$
|| | | "ptmu-region-14-data" = <0088000000040000>
|| | | "info-id" = <000000000a000000>
|| | | "info-fault_name-4" = <6f762c7664646d61696e6e5f6f766c6f00>
|| | |}
|| | |
|| | +-o AppleDialogSPMIPMU <class AppleDialogSPMIPMU, id 0x1000003ef, registered, matched, active, busy 0 (2
ms), retain 6>
|| | {
|| | "IOPMUBootUPOState" = 0x0
|| | "IOMatchedAtBoot" = Yes
|| | "IOPMUBootErrorAppName" = 0x0
|| | "IOPMUBootErrorStage" = 0x0
|| | "IOPMUSPMITimeoutCount" = 0x0
|| | "IOPMUBootErrorFaults" = ()
|| | "IONameMatched" = "pmu,spmi"
|| | "IOPMUBootReasonLPMSU" = 0x0
|| | "IOPMUBootOff2WakeSource" = ()
|| | "IOPMUBootFaultInfo" = ("rst_in,reset_in_rise","rst_in,reset_in_fall")
|| | "IOPersonalityPublisher" = "com.apple.driver.AppleSPMIPMU"
|| | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | "IOPlatformActiveAction" = 0xbb8
|| | "IOPlatformSleepAction" = 0x190
|| | "IOPMUBootDebug" = 0x0
|| | "IOPlatformQuiesceAction" = 0x17ed0
|| | "IOPMUBootAppName" = 0x0
|| | "IOPMUBootErrorFailCount" = 0x0
|| | "CFBundleIdentifier" = "com.apple.driver.AppleSPMIPMU"
|| | "IOPMUBootErrorClear" = 0x0
|| | "IOPMUBootErrorPanicCount" = 0x0
|| | "IOProviderClass" = "AppleARMSPMIDevice"
|| | "IOPMUBootLPMFWSCC" = 0x0
|| | "IOPMUBootSOCDClear" = 0x0
|| | "IONameMatch" = "pmu,spmi"
|| | "IOClass" = "AppleDialogSPMIPMU"
|| | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPMIPMU"
|| | "IOPlatformWakeAction" = 0x190
|| | "IOFunctionParent000000BC" = <>
|| | "IOPMUBootLPMState" = 0x0
|| | "IOPMUSPMIParityErrCount" = 0x0
|| | "IOMatchCategory" = "AppleSPMIPMU"
|| | "IOPMUBootStage" = 0x30
|| | "IOProbeScore" = 0x0
|| | "IOPMUBootUPOCounter" = 0x0
|| | "IOPMUSPMINakCount" = 0x0
|| | }
|| |
|| +-o aop-spmi1@4A829300 <class AppleARMIODevice, id 0x1000002c5, registered, matched, active, busy 0 (443
ms), retain 9>
|| ||{
|| || "queue-depth" = <0001000000010000>
|| || "IOInterruptSpecifiers" =
(<c0000000>,<3f010000>,<c8000000>,<c9000000>,<cc000000>,<cd000000>,<c4000000>,<c5000000>,<ca000000
>,<d7000000>,<d8000000>,<d9000000>,<da000000>,<db000000>,<dc000000>,<dd000000>,<c6000000>,<c70000
00>,<cb000000>)
|| || "other-interrupts" =
<c4000000c5000000ca000000d7000000d8000000d9000000da000000db000000dc000000dd000000c6000000c700
0000cb000000>

```
    || || "#address-cells" = <00000000>
    || || "fatal-interrupts" = <>
    || || "AAPL,phandle" = <bd000000>
    || || "IODeviceMemory" = (({"address"=0x24a829300,"length"=0x100}),({"address"=0x24a828e00,"length"=0x100}),
({"address"=0x24a828400,"length"=0x78}))
    || || "IOReportLegendPublic" = Yes
    || || "InterruptControllerName" = "IOInterruptController000000BD"
    || || "IOInterruptControllers" =
("IOInterruptController000000BD","IOInterruptController00000067","IOInterruptController000000BD","IOInterruptControll
er000000BD","IOInterruptController000000BD","IOInterruptController000000BD","IOInterruptController000000BD","IOInt
erruptController000000BD","IOInterruptController000000BD","IOInterruptController000000BD","IOInterruptController000
000BD","IOInterruptController000000BD","IOInterruptController000000BD","IOInterruptController000000BD","IOInterrupt
Controller000000BD","IOInterruptController000$
    || || "name" = <616f702d73706d693100>
    || || "interrupt-parent" = <bd00000067000000bd000000>
    || || "error-interrupts" = <c8000000c9000000cc000000cd000000>
    || || "interrupt-controller" = <>
    || || "compatible" = <73706d692c2767656e6e3100>
    || || "interrupts" =
<c00000003f010000c8000000c9000000cc000000cd000000c4000000c5000000ca000000d7000000d8000000d9000
000da000000db000000dc000000dd000000c6000000c7000000cb000000>
    || || "#interrupt-cells" = <01000000>
    || || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
    || || "device_type" = <696e746572727570742d636f6e74726f6c6c657200>
    || || "reg" =
<0093824a00000000000100000000000008e824a00000000000100000000000084824a00000000780000000000
0000>
    || || "fault-counters-enabled" = <01000000>
    || ||}
    || ||
    || |+-o AppleGen1SPMIController  <class AppleGen1SPMIController, id 0x100000334, registered, matched, active,
busy 0 (274 ms), retain 7>
    || | |{
    || | | "IOClass" = "AppleGen1SPMIController"
    || | | "CFBundleIdentifier" = "com.apple.driver.AppleSPMI"
    || | | "IOProviderClass" = "AppleARMIODevice"
    || | | "IOPlatformWakeAction" = 0x1f4
    || | | "IOUserClientClass" = "AppleARMSPMIControllerUserClient"
    || | | "IOPlatformSleepAction" = 0x1f4
    || | | "IOProbeScore" = 0x0
    || | | "IONameMatch" = "spmi,gen1"
    || | | "IOMatchedAtBoot" = Yes
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "IOReportLegend" = ({"IOReportGroupName"="aop-
spmi1","IOReportChannels"=((0x4661756c74303032,0x180000001,"BusPr-CmdPrty-BOM Count"),
(0x4661756c74303033,0x180000001,"BusPr-CmdPrty-NoBOM Count"),(0x4661756c74303034,0x180000001,"BusPr-
CmdUnrecog Count"),(0x4661756c74303035,0x180000001,"BusPr-ExtColl Count"),
(0x4661756c74303036,0x180000001,"ExtOp-WR Count"),(0x4661756c74303037,0x180000001,"ExtOp-RD Count"),
(0x4661756c74303038,0x180000001,"BusPr-AdrPrty Count"),(0x4661756c74303039,0x180000001,"SOC-WrDis-Fltr
Count"),(0x4661756c743$
    || | | "IOReportLegendPublic" = Yes
    || | | "IONameMatched" = "spmi,gen1"
    || | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPMI"
    || | | "InterruptControllerName" = "IOInterruptController000000BD"
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPMI"
    || | |}
    || | |
    || | +-o stockholm-spmi@C  <class AppleARMSPMIDevice, id 0x10000037c, registered, matched, active, busy 0 (278
ms), retain 10>
    || | |{
    || | | "compatible" = <6e66632c7072696d6172792c73706d6900>
    || | | "interrupt-parent" = <bd000000>
    || | | "AAPL,phandle" = <be000000>
    || | | "interrupts" = <a0000000a1000000a2000000a3000000a4000000a5000000a6000000>
    || | | "reg" = <0c000000030000000000000000004000000000000000000000000000>
    || | | "IOInterruptSpecifiers" =
(<a0000000>,<a1000000>,<a2000000>,<a3000000>,<a4000000>,<a5000000>,<a6000000>)
    || | | "IOInterruptControllers" =
("IOInterruptController000000BD","IOInterruptController000000BD","IOInterruptController000000BD","IOInterruptControll
er000000BD","IOInterruptController000000BD","IOInterruptController000000BD","IOInterruptController000000BD")
    || | | "device_type" = <73746f636b686f6c6d2d73706d6900>
    || | | "IOUserClientClass" = "AppleARMSPMIDeviceUserClient"
    || | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200050000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200050001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200050002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200050003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200050004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IO$
    || | | "IOReportLegendPublic" = Yes
    || | | "required-functions" =
<737570706f72745f686f73745f77616b655f73706d6900737570706f72745f646174615f6f7665727275$
    || | | "#num-spmi-interrupts" = <07000000>
    || | | "name" = <73746f636b686f6c6d2d73706d6900>
    || | |}
    || | |
```

```
|| |   +-o AppleStockholmSPMI  <class AppleStockholmSPMI, id 0x100000504, registered, matched, active, busy 0
(185 ms), retain 10>
|| |   | {
|| |   |   "IOClass" = "AppleStockholmSPMI"
|| |   |   "CFBundleIdentifier" = "com.apple.driver.AppleStockholmControl"
|| |   |   "IOProviderClass" = "AppleARMSPMIDevice"
|| |   |   "IOPowerManagement" = {"CapabilityFlags"=0x0,"CurrentPowerState"=0x0}
|| |   |   "IOPlatformWakeAction" = 0x1f4
|| |   |   "nfc.log" = Yes
|| |   |   "IOProbeScore" = 0x0
|| |   |   "IONameMatch" = "nfc,primary,spmi"
|| |   |   "IOMatchedAtBoot" = Yes
|| |   |   "IOMatchCategory" = "AppleStockholmControl"
|| |   |   "stockholm-spmi-data-socket" = Yes
|| |   |   "IOPlatformSleepAction" = 0x1f4
|| |   |   "IONameMatched" = "nfc,primary,spmi"
|| |   |   "IOPersonalityPublisher" = "com.apple.driver.AppleStockholmControl"
|| |   |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleStockholmControl"
|| |   | }
|| |   |
|| |   +-o stockholm  <class AppleStockholmControlConfig, id 0x100000653, registered, matched, active, busy 0 (159
ms), retain 8>
|| |   | {
|| |   |   "device_type" = <73746f636b686f6c6d00>
|| |   |   "required-gpios" =
<737570706f72745f76656e61626c6500737570706f72745f7669727475616c5f6770696f00>
|| |   |   "function-enable" = <9b00000034574b706630506700008000>
|| |   |   "name" = <73746f636b686f6c6d00>
|| |   |   "AAPL,phandle" = <bf000000>
|| |   |   "compatible" = <6e66632c7072696d6172792c6770696f00>
|| |   | }
|| |   |
|| |   +-o AppleStockholmControl  <class AppleStockholmControl, id 0x100000654, registered, matched, active,
busy 0 (30 ms), retain 6>
|| |       {
|| |         "IOClass" = "AppleStockholmControl"
|| |         "CFBundleIdentifier" = "com.apple.driver.AppleStockholmControl"
|| |         "IOProviderClass" = "IOService"
|| |         "IOPowerManagement" =
{"DesiredPowerState"=0x1,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0x
1}
|| |         "IOUserClientClass" = "AppleStockholmControlUserClient"
|| |         "nfc.log" = Yes
|| |         "IOProbeScore" = 0x0
|| |         "IONameMatch" = "nfc,primary,gpio"
|| |         "IOMatchedAtBoot" = Yes
|| |         "IOMatchCategory" = "AppleStockholmControl"
|| |         "IONameMatched" = "nfc,primary,gpio"
|| |         "IOPersonalityPublisher" = "com.apple.driver.AppleStockholmControl"
|| |         "CFBundleIdentifierKernel" = "com.apple.driver.AppleStockholmControl"
|| |       }
|| |
|| +-o lcd0-sac  <class AppleARMIODevice, id 0x1000002c6, registered, matched, active, busy 0 (105 ms), retain 7>
|| |   {
|| |     "device_type" = <6c7064702d73616300>
|| |     "function-saca_cdi0" = <1a010000414341533306969463>
|| |     "function-saca_edp0" = <1a010000414341533307069465>
|| |     "AAPL,phandle" = <c0000000>
|| |     "name" = <6c6364302d73616300>
|| |   }
|| |
|| +-o disp0@30000000  <class AppleARMIODevice, id 0x1000002c7, registered, matched, active, busy 0 (895 ms),
retain 9>
|| || {
|| ||   "IOInterruptSpecifiers" =
(<b4010000>,<c7010000>,<b7010000>,<b6010000>,<b5010000>,<bc010000>,<b2010000>,<c0010000>,<bb010000>)
|| ||   "aot-power" = <01000000>
|| ||   "clock-gates" = <210100002101000022010000230100000>
|| ||   "dot-pitch" = <e3000000>
|| ||   "AAPL,phandle" = <c1000000>
|| ||   "IODeviceMemory" = (({"address"=0x230000000,"length"=0x3e8000}),
({"address"=0x231320000,"length"=0x4000}),({"address"=0x231344000,"length"=0x4000}),
({"address"=0x231800000,"length"=0x800000}),({"address"=0x23b3d0000,"length"=0x4000}),
({"address"=0x23b738000,"length"=0x1000}),({"address"=0x23bc3c000,"length"=0x1000}))
|| ||   "display-default-color" = <00000000>
|| ||   "function-bw_req_interrupt0" = <7e0000005152494254400000002200000001000000>
|| ||   "temperature-compensation" = <00000000>
|| ||   "display-timing-info" = <00040000320000003300000032000000580200000da00000006000000320000000>
|| ||   "function-pmu_ram_access" = <9b000000556d61724c41434401004000>
|| ||   "max-scaling-ratio" = <67460200>
|| ||   "iommu-parent" = <c3000000c4000000>
|| ||   "function-mcc_dataset" = <660000005344244d>
|| ||   "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController
00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterr
uptController00000067","IOInterruptController00000067")
|| ||   "name" = <646973703000>
|| ||   "interrupt-parent" = <67000000>
|| ||   "function-pcc_update" = <1901000055434350>
|| ||   "compatible" = <64697370302c743831303300>
```

```
|| || "clock-ids" = <6101000060010000>
|| || "interrupts" = <b4010000c7010000b7010000b6010000b5010000bc010000b2010000c0010000bb010000>
|| || "bics-param-set" = <25000000>
|| || "color-accuracy-index" = <25000000>
|| || "device_type" = <646973706c61792d73756273797374656d00>
|| || "KSF_version" = <01000000>
|| || "power-gates" = <2101000021010000220100023010000>
|| || "reg" =
<00000030000000000803e00000000000000323100000000004000000000000000403431000000000400000000
000000008031000000000000080000000000000003d3b00000000040000000000000080733b000000000010000
00000000000c0c33b0000000000010000000000000>
|| ||}
|| ||
|| |+-o AppleCLCD2  <class AppleCLCD2, id 0x100000333, registered, matched, active, busy 0 (426 ms), retain 15>
|| | |{
|| | | "IOMFBScalingLimits" =
{"YUVLayer_MaxScale"=0x4,"YUVLayer_MinScaleFraction"=0x2,"RGBLayer_MinScaleFraction"=0x2,"RGBLayer_MaxScale"
=0x4}
|| | | "GPBandwidth" = 0x0
|| | | "TemperatureStructVersion2D" = 0x1
|| | | "IOMFBBrightnessCompensationEnable" = Yes
|| | | "displayOnContinuousTimestamp" = 0x3a2d11bd1bc
|| | | "IOMFBSupportsGPLite" = No
|| | | "PCCStabilityThresholdAOT" = 0xc350
|| | | "IOMFBNumLayers" = {"FullFrameRequired"=0x0,"MaxNumLayers"=0x2}
|| | | "IOMFBDigitalDimmingLevel" = 0x46cc0
|| | | "DispPerfState" = 0x0
|| | | "IOMFB_KTRACE_API_VERSION" = "3.1"
|| | | "APTDefaultGrayValue" = 0xff
|| | | "IOMFBStatsTapPoint" = 0x1
|| | | "IOFunctionParent000000C1" = <>
|| | | "enableAmbientLightSensorStatistics" = No
|| | | "IONameMatch" = ("disp0,t8103","dispext0,t8103")
|| | | "enable2DTemperatureCorrection" = No
|| | | "IOClass" = "AppleCLCD2"
|| | | "DebugUInt32" = 0x0
|| | | "IOMFBBrightnessLevelMA" = 0xffffffffffffffff
|| | | "PixelCaptureBlockMask" = 0x0
|| | | "TimingElements" =
({"StandardType"=0x0,"DiscreteMediaRefreshRates"=(),"ElementType"=0x0,"IsSplit"=No,"IsPromoted"=No,"IsInterlaced"=
No,"HorizontalAttributes"={"Total"=0xa52,"Active"=0xa00,"PixelRepetition"=0x0,"PreciseSyncRate"=0x64eb75,"BackPorch
"=0x2a,"SyncWidth"=0x20,"FrontPorch"=0x8,"SyncPolarity"=0x1,"SyncRate"=0x650000),"VerticalAttributes"={"Total"=0x
692,"Active"=0x640,"PixelRepetition"=0x0,"PreciseSyncRate"=0x3bfff7,"BackPorch"=0x2a,"SyncWidth"=0x8,"FrontPorch"
=0x20,"SyncPolarity"=0x1,"SyncRate"=0x3c0000),"UnsafeColo$
|| | | "IOMFBMaxSrcPixels" =
{"PixelClock"=0x1fca0550,"MaxSrcRectTotal"=0x1680000,"MaxSrcBufferHeight"=0x4000,"IOMFBMaxCompressedSizeInB
ytes"=0x0,"IOMFBCompressionSupport"=0x1,"VideoClock"=0x7f239c8,"MaxSrcRectWidth"=0x1400,"MaxSrcBufferWidth"
=0x4000,"MaxVideoSrcDownscalingWidth"=0x5002}
|| | | "APTEnableCA" = No
|| | | "CMPixelCaptureLocation" = 0xb
|| | | "IOMFBIntDcpUsedForExtWhenLidClose" = No
|| | | "RuntimeProperty::frameInfoTraceEnable" = No
|| | | "APTEnableEvents" = No
|| | | "enableBLMSloper" = Yes
|| | | "color-accuracy-index" = 0x25
|| | | "PreferredTimingElements" =
({"StandardType"=0x0,"DiscreteMediaRefreshRates"=(),"ElementType"=0x0,"IsSplit"=No,"IsPromoted"=No,"IsInterlaced"=
No,"HorizontalAttributes"={"Total"=0xa52,"Active"=0xa00,"PixelRepetition"=0x0,"PreciseSyncRate"=0x64eb75,"BackPorch
"=0x2a,"SyncWidth"=0x20,"FrontPorch"=0x8,"SyncPolarity"=0x1,"SyncRate"=0x650000),"VerticalAttributes"={"Total"=0x
692,"Active"=0x640,"PixelRepetition"=0x0,"PreciseSyncRate"=0x3bfff7,"BackPorch"=0x2a,"SyncWidth"=0x8,"FrontPorch"
=0x20,"SyncPolarity"=0x1,"SyncRate"=0x3c0000),"U$
|| | | "enablePixelCapture" = No
|| | | "APTEnableCDFD" = No
|| | | "PDCSaveRepeatUnstablePCC" = No
|| | | "IOMFBSupportsICC" = Yes
|| | | "NormalModeActive" = Yes
|| | | "BLMPowergateEnable" = Yes
|| | | "AmbientBrightness" = 0x2917ef
|| | | "DisableBConBoot" = 0x0
|| | | "DisplayPipeStrideRequirements" = {"StrideLinearHorizontal"=0x40,"StrideLinearVertical"=0x1}
|| | | "requestPixelBacklightModulation" = No
|| | | "set0DTempSensorValue" = 0xffffffffffffffff
|| | | "GP0PixelCaptureLocation" = 0x4
|| | | "CMDegammaMethod" = 0x0
|| | | "CECorrectionFactor" = 0x10000
|| | | "MaxVideoSrcDownscalingWidth" = 0x5002
|| | | "IOMFBTemperatureCompensationEnable" = Yes
|| | | "PCCCabalEnable" = Yes
|| | | "IOMFBIndicatorNitsCap" = 0x225f87c
|| | | "enableLinearToPanel" = Yes
|| | | "enableDefaultTemperatureCorrection" = No
|| | | "PDCSettleCount" = 0x1
|| | | "IOProbeScore" = 0x0
|| | | "BLMStandbyEnable" = No
|| | | "ALSSSumsPrecision" = 0x24
|| | | "IdleCachingMethod" = 0x2
|| | | "APTResetCA" = No
|| | | "BLMAHMode" = 0x1
|| | | "IOMFBContrastEnhancerStrength" = 0x0
|| | | "AODFixedRR" = 0x0
```

|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "QMSVRREnableConfig" = 0x0
|| | | "IOMFBSupportsYFlip" = Yes
|| | | "overdriveCompCutoff" = 0x13ec0000
|| | | "displayOnTimestamp" = 0x14b73c7d03b
|| | | "DisplayPipePlaneBaseAlignment" =
{"DefaultStride"=0x0,"LinearX_Alignment"=0x40,"LinearY_Alignment"=0x1,"PlaneBaseAlignmentLinear"=0x40}
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleMobileDispH13G-DCP"
|| | | "BacklightMatching" = {"IOPropertyMatch"={"backlight-control"=Yes}}
|| | | "maxPeakBpp" = 0x0
|| | | "GPLiteMaxSrcSz" = 0x0
|| | | "maxAverageBpp" = 0x0
|| | | "IOMFBBrightnessLevelIDAC" = 0xffffffffffffffff
|| | | "IOMFBIndicatorBrightnessNits" = 0x10000
|| | | "PCC2DEnable" = Yes
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleMobileDispH13G-DCP"
|| | | "ean-mode-caching" = 0x0
|| | | "PDCGlobalTemp" = 0x0
|| | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | "APTPDCEnable" = Yes
|| | | "APTEnableConfigExpired" = Yes
|| | | "AODWaitForWalkdown" = 0x1
|| | | "AOTEnableOffTimestamp" = 0x3a2d0948bce
|| | | "APTPDCEnablePM" = 0x1
|| | | "use0DSensorFor2DTemp" = No
|| | | "IOMFB Debug Info" = {}
|| | | "IOMFBSupportsXFlip" = Yes
|| | | "edrScaleinGP" = Yes
|| | | "PCCEnable" = Yes
|| | | "darkBoot" = No
|| | | "APTPanicOnStuckPolarity" = No
|| | | "AOTEnable" = No
|| | | "ADP is generic pipe" = Yes
|| | | "BLMPLimitCfg" = 0x1
|| | | "ALSSRGBCoeffsPrecision" = 0x8
|| | | "BLMVLEDManual" = 0xe6
|| | | "ACSSSupported" = No
|| | | "Brightness_Scale" = 0x10000
|| | | "ALSSChannelCount" = 0x4
|| | | "IOMFBTestBacklightDimValue" = 0x552b
|| | | "DisplayClock" = 0xa547e50
|| | | "BLNitsCap" = 0x1a40000
|| | | "APTPanicOnChargeParity" = No
|| | | "IOMFBBICSType" = 0x0
|| | | "BlendPixelCaptureLocation" = 0x1
|| | | "PCCTrinityEnable" = Yes
|| | | "M3TimingParameters" = {"subframe-interrupt-time-lines"=0x62a,"subframe-duration-
nclks"=0x61a81,"display-lead-time-nclks"=0x6443,"initial-vbi-advance-lines"=0x2,"initial-subframe-irq-time-
lines"=0x62a,"vbi-advance-lines"=0x2}
|| | | "GP1PixelCaptureLocation" = 0x4
|| | | "APTFixedRR" = 0x0
|| | | "SPLCSupported" = No
|| | | "ChargeValuesPublish" = No
|| | | "PixelClock" = 0x1fca0550
|| | | "FFR_table_index" = 0x0
|| | | "bics_mode" = 0x0
|| | | "PixelCaptureConfig" = 0x0
|| | | "enableDisplayTMDpc" = Yes
|| | | "IONameMatched" = "disp0,t8103"
|| | | "ALSSWindowCount" = 0x40
|| | | "clockRatio" = 0x40024
|| | | "enableDither" = Yes
|| | | "NormalModeEnable" = Yes
|| | | "SupportsAOT1HzOptimizations" = No
|| | | "enableDarkEnhancer" = Yes
|| | | "uniformity2D" = Yes
|| | | "FrameInfoForRepeats" = No
|| | | "IOMFBSecureIndicatorFactor" = 0x10000
|| | | "BLMAHUPCount" = 0x0
|| | | "SupportsAOTPowerSaving" = No
|| | | "DisplayAttributes" = {"TiledDisplayInfo"={},"ProductAttributes"={"ManufacturerID"="00-10-
fa","ProductID"=0x393230313441,"LegacyManufacturerID"=0x610},"DisplayAllocation"={"ExtraPipes"=0x0,"MainUFP"=0x
0,"UseSingleTile"=No,"PeerUFP"=0x0}}
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "ColorElements" =
({"ElementData"=<0800000000000000000000010000000000000000000000000000000000000>,"StandardType"
=0x0,"Score"=0x3ad67,"IsVirtual"=No,"ID"=0x1,"PixelEncoding"=0x0,"ElementType"=0x1,"SupportsDSC"=0x0,"EOTF"=0x0,
"Colorimetry"=0x10,"DynamicRange"=0x0,"Depth"=0x8})
|| | | "ProxScanPosition" = 0x0
|| | | "PDCSaveLongFrames" = No
|| | | "ALSSSupported" = No
|| | | "APTEnableDefaultGray" = Yes
|| | | "enableLAC" = Yes
|| | | "defaultTemperatureCorrectionValue" = 0xffffffffffffffff
|| | | "IOMFBSecureContentFactor" = 0x10000
|| | | "IdleState" = 0x5
|| | | "QoSDebug" = 0x1
|| | | "VideoClock" = 0x7f239c8
|| | | "ProxScanPlan" = 0xffffffffffffffff
|| | | "IOMFBBrightnessLevel" = 0x8bfffd

|| | | "DCPIndex" = 0x0
|| | | "InitialPanelTemperature" = 0x1d9eb8
|| | | "forcePixelBacklightModulation" = 0x2
|| | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | "BLMAHOutputFreq" = 0x0
|| | | "APTEnablePRC" = No
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleMobileDispH13G-DCP"
|| | | "SystemConsoleMode" = No
|| | | "brightnessCorrectionB" = 0x10000
|| | | "ADCLLoadAll" = No
|| | | "ForceSecureAnimation" = No
|| | | "IOMatchedAtBoot" = Yes
|| | | "APTPanicOnChargeOOB" = No
|| | | "APTEventsMask" = 0x0
|| | | "W40a_Blending_OK" = 0x1
|| | | "BLMAHOutputLogEnable" = No
|| | | "Panel_ID" =
"GMG1521037XNR89AM+00000000D416C2+PROD+Y000000000000+0000000000000000000000000+P022M1108PS
3111004+6758BKH46T002142TTCYYK11D07A85561+S688688RG5S688688RG5S688688RG5S688688R"
|| | | "APTEnableLogs" = No
|| | | "WPCPixelCaptureLocation" = 0x2
|| | | "BLMAHStatsLogEnable" = No
|| | | "PCCEnableLogs" = No
|| | | "APTDevice" = No
|| | | "PCCStabilityThreshold" = 0x9
|| | | "RuntimeProperty::registerTraceEnable" = No
|| | | "IOMFBDisplayRefresh" =
{"displayRefreshStepMachTime"=0x0,"displayRefreshStep"=0x0,"displayMaxRefreshInterval"=0x4443914,"displayMinRefr
eshInterval"=0x4443914,"displayMinRefreshIntervalMachTime"=0x61a81,"displayMaxRefreshIntervalMachTime"=0x61a81}
|| | | "BlendOutputCSCMethod" = 0x0
|| | | "IOMFBSupports2DBL" = No
|| | | "APTLimitRefreshRate" = No
|| | | "brightnessCorrection" = 0x10000
|| | | "ChargeValuesReset" = No
|| | | "DisableDisplayOptimize" = 0x0
|| | |}
|| | |
|| | +-o IOMobileFramebufferUserClient <class IOMobileFramebufferUserClient, id 0x100000ab8, !registered, !
matched, active, busy 0, retain 5>
|| | | {
|| | | "IOUserClientCreator" = "pid 385, WindowServer"
|| | | }
|| | |
|| | +-o IOMobileFramebufferUserClient <class IOMobileFramebufferUserClient, id 0x100000abe, !registered, !
matched, active, busy 0, retain 5>
|| | | {
|| | | "IOUserClientCreator" = "pid 385, WindowServer"
|| | | }
|| | |
|| | +-o IOMobileFramebufferUserClient <class IOMobileFramebufferUserClient, id 0x100000ac6, !registered, !
matched, active, busy 0, retain 5>
|| | | {
|| | | "IOUserClientCreator" = "pid 316, UserEventAgent"
|| | | }
|| | |
|| | +-o IOMobileFramebufferUserClient <class IOMobileFramebufferUserClient, id 0x100004ff4, !registered, !
matched, active, busy 0, retain 5>
|| | {
|| | "IOUserClientCreator" = "pid 5008, PerfPowerService"
|| | }
|| |
|| +-o dart-disp0@31304000 <class AppleARMIODevice, id 0x1000002c8, registered, matched, active, busy 0 (257
ms), retain 10>
|| ||{
|| || "page-size" = <00400000>
|| || "l2-tt-4" = <0040f0ff0900000002000000000000000>
|| || "error-reflector" = <00c0ff3c02000000>
|| || "interrupt-parent" = <67000000>
|| || "dart-id" = <0b000000>
|| || "interrupts" = <bd010000>
|| || "smmu-tunables-instance-0" = <2000000004000000000000080000000000000000008000000000>
|| || "real-time" = <>
|| || "sids" = <11800000>
|| || "IOInterruptControllers" = ("IOInterruptController00000067")
|| || "smmu-clock-gating" = <>
|| || "vm-size" = <000000fc>
|| || "bypass-address" = <0000000000000000000000008000002>
|| || "pt-region-4" = <0040f0ff0900000000c0f0ff09000000>
|| || "diag-config" = <00210080>
|| || "allow-pte-remap" = <>
|| || "tlb-invalid-refetch" = <>
|| || "AAPL,phandle" = <c2000000>
|| || "ignore-inconsistent-hw-locks" = <>
|| || "name" = <646172742d646973703000>
|| || "IODeviceMemory" = (({"address"=0x231304000,"length"=0x4000}),
({"address"=0x231300000,"length"=0x4000}))
|| || "bypass" = <00800000>
|| || "instance" = <54524144444415254000000000554d4d53534d4d5500000000>
|| || "device_type" = <6461727400>
|| || "compatible" = <646172742c743830323000>

|| || "dart-options" = <45000000>
|| || "l2-tt-0" = <0040f3ff090000000200000000000000>
|| || "IOReportLegendPublic" = Yes
|| || "vm-base" = <00000000>
|| || "reg" = <0040303100000000004000000000000000003031000000000040000000000000>
|| || "never-lock" = <>
|| || "dart-tunables-instance-0" =
<60000000040000000610080000000000061008000000000068000000040000000f0f0f0000000000f0f0f00000000
006c00000004000000ffffff0000000000080808000000000080010000040000000fff0f0000000000000000000000
008401000004000000fff0f0000000000001000000000088010000040000000fff0f0000000000000000200000000
008c01000004000000fff0f00000000000030000000009001000004000000fff0f00000000000000400000000
009401000004000000fff0f000000000000500000000098010000040000000fff0f0000000000000600000000
009c01000004000000fff0$
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "IOInterruptSpecifiers" = (<bd010000>)
|| || "pt-region-0" = <0040f3ff0900000000c0f5ff09000000>
|| ||}
|| ||
|| |+-o AppleT8020DART <class AppleT8020DART, id 0x10000037b, registered, matched, active, busy 0 (74 ms),
retain 22>
|| | |{
|| | | "IOClass" = "AppleT8020DART"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOPlatformActiveAction" = 0x13880
|| | | "noncompliant-dead-mappings" = No
|| | | "IOPlatformSleepAction" = 0x13880
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = "dart,t8020"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IOUserClientClass" = "IODARTClient"
|| | | "IONameMatched" = "dart,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| | | "IOFunctionParent000000C2" = <>
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| | | "iommu-dart-identity" = <c2000000>
|| | |}
|| | |
|| | +-o mapper-disp0@0 <class IODARTMapperNub, id 0x1000003af, registered, matched, active, busy 0 (74 ms),
retain 8>
|| | ||{
|| | || "name" = <6d61707065722d646973703000>
|| | || "compatible" = <696f6d6d752d6d617070657200>
|| | || "iomd-cache-ttl" = <d0070000>
|| | || "iomd-cache-size" = <40000000>
|| | || "device_type" = <646172742d6d617070657200>
|| | || "reg" = <00000000>
|| | || "AAPL,phandle" = <c3000000>
|| | ||}
|| | ||
|| | |+-o IODARTMapper <class IODARTMapper, id 0x1000003be, registered, matched, active, busy 0 (70 ms), retain
44>
|| | | {
|| | | "IOClass" = "IODARTMapper"
|| | | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | | "IOProviderClass" = "IODARTMapperNub"
|| | | "iommu-dart-translation" = Yes
|| | | "IOUserClientClass" = "IODARTMapperClient"
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = "iommu-mapper"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IONameMatched" = "iommu-mapper"
|| | | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | | "IOMapperID" = <c3000000>
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | | "iommu-initial-translations" =
<0000320100000000004032010000000000403e0100000000000140400000000000>
|| | | }
|| | |
|| | +-o mapper-disp0-piodma@4 <class IODARTMapperNub, id 0x1000003b0, registered, matched, active, busy 0 (3
ms), retain 8>
|| | |{
|| | | "name" = <6d61707065722d64697370302d70696f646d6100>
|| | | "compatible" = <696f6d6d752d6d617070657200>
|| | | "iomd-cache-ttl" = <d0070000>
|| | | "iomd-cache-size" = <40000000>
|| | | "device_type" = <646172742d6d617070657200>
|| | | "reg" = <04000000>
|| | | "AAPL,phandle" = <c4000000>
|| | |}
|| | |
|| | +-o IODARTMapper <class IODARTMapper, id 0x1000003b4, registered, matched, active, busy 0 (0 ms), retain
21>

```
|| |        {
|| |          "IOClass" = "IODARTMapper"
|| |          "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| |          "IOProviderClass" = "IODARTMapperNub"
|| |          "iommu-dart-translation" = Yes
|| |          "IOUserClientClass" = "IODARTMapperClient"
|| |          "IOProbeScore" = 0x0
|| |          "IONameMatch" = "iommu-mapper"
|| |          "IOMatchedAtBoot" = Yes
|| |          "IOMatchCategory" = "IODefaultMatchCategory"
|| |          "IONameMatched" = "iommu-mapper"
|| |          "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| |          "IOMapperID" = <c4000000>
|| |          "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| |          "iommu-initial-translations" = <004032010000000000403e0100000000>
|| |        }
|| ||
|| +-o dcp0-expert  <class AppleARMIODevice, id 0x1000002c9, registered, matched, active, busy 0 (348 ms), retain
8>
|| ||{
|| ||    "compatible" = <6463702d6578706572742d763100>
|| ||    "device_type" = <6463702d65787065727400>
|| ||    "join-power-plane" = <01000000>
|| ||    "name" = <646370302d65787065727400>
|| ||    "role" = <44435000>
|| ||    "AAPL,phandle" = <c5000000>
|| ||}
|| ||
|| |+-o AppleDCPExpert  <class AppleDCPExpert, id 0x100000372, registered, matched, active, busy 0 (20 ms), retain
36>
|| |    {
|| |      "IOClass" = "AppleDCPExpert"
|| |      "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |      "IOProviderClass" = "AppleARMIODevice"
|| |      "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x2,"MaxPowerState"=0
x1}
|| |      "DCPExpertPowerState" = 0x1
|| |      "IOProbeScore" = 0x0
|| |      "IONameMatch" = "dcp-expert-v1"
|| |      "IOMatchedAtBoot" = Yes
|| |      "IOMatchCategory" = "IODefaultMatchCategory"
|| |      "DCPPowerState" = 0x4
|| |      "DCPPowerAssertionCount" = 0x2
|| |      "IOFunctionParent000000C5" = <>
|| |      "BootComplete" = Yes
|| |      "IONameMatched" = "dcp-expert-v1"
|| |      "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |      "role" = "DCP"
|| |      "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |      "DebugState" = ()
|| |      "DCPPowerRetained" = No
|| |    }
|| |
|| +-o dcp@31C00000  <class AppleARMIODevice, id 0x1000002ca, registered, matched, active, busy 0 (1676 ms),
retain 9>
|| ||{
|| ||    "IOInterruptSpecifiers" = (<ac010000>,<ab010000>,<ae010000>,<ad010000>)
|| ||    "hdcp-channels" = <04000000>
|| ||    "iop-version" = <01000000>
|| ||    "clock-gates" = <90010000>
|| ||    "AAPL,phandle" = <c6000000>
|| ||    "IODeviceMemory" = (({"address"=0x231c00000,"length"=0x6c000}),
({"address"=0x231850000,"length"=0x4000}))
|| ||    "IOReportLegendPublic" = Yes
|| ||    "iommu-parent" = <c9000000>
|| ||    "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptControlle
r00000067")
|| ||    "name" = <64637000>
|| ||    "interrupt-parent" = <67000000>
|| ||    "compatible" = <696f702c617363777261702d763400>
|| ||    "interrupts" = <ac010000ab010000ae010000ad010000>
|| ||    "clock-ids" = <>
|| ||    "hdcp-parent" = <88000000>
|| ||    "audio" = <cb000000>
|| ||    "role" = <44435000>
|| ||    "truncate-dvas" = <>
|| ||    "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200020000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200020001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200020002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200020003,0x100020001,"  Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200020004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| ||    "device_type" = <64637000>
|| ||    "power-gates" = <90010000>
|| ||    "reg" = <0000c0310000000000c0060000000000000008531000000000040000000000000>
|| ||}
|| ||
|| |+-o AppleASCWrapV4  <class AppleASCWrapV4, id 0x10000036c, !registered, !matched, active, busy 0 (1371 ms),
```

```
retain 5>
  || |  |{
  || |  |   "IOProbeScore" = 0x0
  || |  |   "CFBundleIdentifier" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
  || |  |   "IOProviderClass" = "AppleARMIODevice"
  || |  |   "IOClass" = "AppleASCWrapV4"
  || |  |   "IOPersonalityPublisher" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
  || |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
  || |  |   "IOMatchedAtBoot" = Yes
  || |  |   "IONameMatch" = "iop,ascwrap-v4"
  || |  |   "IOMatchCategory" = "IODefaultMatchCategory"
  || |  |   "IONameMatched" = "iop,ascwrap-v4"
  || |  |   "role" = "DCP"
  || |  |}
  || |  |
  || |  +-o iop-dcp-nub  <class AppleA7IOPNub, id 0x100000673, registered, matched, active, busy 0 (1375 ms), retain
7>
  || |  |{
  || |  |   "uuid" = <34384539413138382d373735422d334337432d423837392d38443233453938303644383000>
  || |  |   "segment-names" =
<5f5f544558543b5f5f444154413b5f5f535f4c4f473b756e6b6e6f776e3b756e6b6e6f776e3b756e6b6e6f776e3b756e6e
b6e6f776e00>
  || |  |   "quiesced" = <>
  || |  |   "compatible" = <696f702d6e75622c727462756464792d763200>
  || |  |   "coredump-enable" = <40000000>
  || |  |   "AAPL,phandle" = <c7000000>
  || |  |   "pre-loaded" = <01000000>
  || |  |   "asc-dram-mask" = <000000000f000000>
  || |  |   "running" = <01000000>
  || |  |   "no-firmware-service" = <>
  || |  |   "KDebugCoreID" = 0x11
  || |  |   "cold-boot-after-hibernate" = <>
  || |  |   "watchdog-enable" = <>
  || |  |   "segment-ranges" =
<0000022000800000000000000000000000000000022000800000001070000300000008045e60900000000107000000
0000000000000f00000000000300000000000300000000000010a000000000000010c08000000002002000
a000000008045e509000000ffffffffffffffff000003000f0000000000000102000000004045e509000000ffffffffffffffff000
032010f00000000400000020000000004039e509000000ffffffffffffffff004032010f00000000000c0002000000008063e
209000000ffffffffffffffff00403e010f00000000c0d50202000000>
  || |  |   "coredump-rel-privacy-approved" = <>
  || |  |   "name" = <696f702d6463702d6e756200>
  || |  |   "user-power-managed" = <01000000>
  || |  |}
  || |  |
  || |  +-o RTBuddy(DCP)  <class RTBuddy, id 0x10000067f, registered, matched, active, busy 0 (1368 ms), retain 48>
  || |  |{
  || |  |   "IOClass" = "RTBuddy"
  || |  |   "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
  || |  |   "IOProviderClass" = "AppleA7IOPNub"
  || |  |   "IOPlatformPanicAction" = 0x15ba8
  || |  |   "IOUserClientClass" = "RTBuddyUserClient"
  || |  |   "IOProbeScore" = 0x0
  || |  |   "IONameMatch" = "iop-nub,rtbuddy-v2"
  || |  |   "IOMatchedAtBoot" = Yes
  || |  |   "IOMatchCategory" = "IODefaultMatchCategory"
  || |  |   "IOReportLegend" =
({"IOReportGroupName"="DCP","IOReportChannels"=((0x5254537475730000,0x900020002,"status")),"IOReportChannelI
nfo"={"IOReportChannelUnit"=0x100007980000018},"IOReportSubGroupName"="IOP State"})
  || |  |   "IOReportLegendPublic" = Yes
  || |  |   "IOHibernateState" = <00000000>
  || |  |   "IONameMatched" = "iop-nub,rtbuddy-v2"
  || |  |   "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
  || |  |   "role" = "DCP"
  || |  |   "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
  || |  |   "RTBuddyRouteProviderKey" = <c7000000>
  || |  |}
  || |  |
  || |  +-o RTBuddyIOReportingEndpoint  <class RTBuddyIOReportingEndpoint, id 0x100000699, registered, matched,
active, busy 0 (8 ms), retain 7>
  || |  |  {
  || |  |    "IOReportLegend" =
({"IOReportGroupName"="DCP","IOReportChannels"=((0x5254494f75636e00,0x180000001,"update count"),
(0x5254494f6c757000,0x180000001,"last
update")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="IO Reporting statistics"},
{"IOReportGroupName"="DCP","IOReportChannels"=((0x525444757479436c,0x100020001,"Duty
cycle")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="Power"},
{"IOReportGroupName"="DCP","IOReportChannels"=((0x5254536c70436e74,0x100020001,"Sleep $
  || |  |    "IOReportLegendPublic" = Yes
  || |  |  }
  || |  |
  || |  +-o DCPEndpoint1  <class RTBuddyEndpointService, id 0x10000069b, registered, matched, active, busy 0 (66
ms), retain 7>
  || |  ||{
  || |  ||}
  || |  ||
  || |  |+-o AFKDCPEndpoint1  <class DCPEndpointV2, id 0x1000006ae, registered, matched, active, busy 0 (25 ms),
retain 8>
  || |  | |{
  || |  | |   "IOClass" = "DCPEndpointV2"
  || |  | |   "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
```

```
|| |      |  |   "IOProviderClass" = "RTBuddyEndpointService"
|| |      |  |   "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
|| |      |  |   "IOProbeScore" = 0x1
|| |      |  |   "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
|| |      |  |   "IOMatchedAtBoot" = Yes
|| |      |  |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |      |  |   "IdleLowPower" = Yes
|| |      |  |   "IONameMatched" = "DCPEndpoint1"
|| |      |  |   "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |      |  |   "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |      |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |      |  |   "role" = "DCP"
|| |      |  |}
|| |      |  |
|| |      |  +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x100000705, registered,
matched, active, busy 0 (15 ms), retain 10>
|| |      |  |{
|| |      |  |   "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |      |  |   "IOProviderClass" = "RTBuddyEndpointService"
|| |      |  |   "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
|| |      |  |   "IOProbeScore" = 0x1
|| |      |  |   "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
|| |      |  |   "IOMatchedAtBoot" = Yes
|| |      |  |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |      |  |   "IdleLowPower" = Yes
|| |      |  |   "IONameMatched" = "DCPEndpoint1"
|| |      |  |   "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |      |  |   "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |      |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |      |  |   "role" = "DCP"
|| |      |  |   "DebugState" = {"events"=(),"publish-events"=0x2,"termination-events"=0x0}
|| |      |  |}
|| |      |  |
|| |      |  +-o system  <class AFKEPInterfaceKextV2, id 0x100000716, registered, matched, active, busy 0 (3 ms),
retain 7>
|| |      |  |  {
|| |      |  |   "reg-stream-block-size" = 0x800
|| |      |  |   "system-service" = Yes
|| |      |  |   "interface-id" = 0x5
|| |      |  |   "role" = "DCP"
|| |      |  |   "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"
TimeSinceLastTickle"=0x814413,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
|| |      |  |   "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x0,"state"=0x1,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x0,"enqueued-commands"=0x0,"isOpen"=0x0,"enqueued-
responses"=0x0,"handled-responses"=0x0}
|| |      |  |   "ep-has-desc-mgr" = Yes
|| |      |  |  }
|| |      |  |
|| |      |  +-o powerlog-service  <class AFKEPInterfaceKextV2, id 0x100000719, registered, matched, active, busy 0
(12 ms), retain 10>
|| |      |  |{
|| |      |  |   "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0xce6,"state"=0x6,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x3,"enqueued-commands"=0x0,"isOpen"=0x1,"enqueued-
responses"=0x0,"handled-responses"=0x0}
|| |      |  |   "interface-id" = 0x7
|| |      |  |   "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"
TimeSinceLastTickle"=0x814413,"DriverPowerState"=0x0,"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0}
|| |      |  |   "IOGeneralInterest" = "IOCommand is not serializable"
|| |      |  |   "role" = "DCP"
|| |      |  |   "ep-has-desc-mgr" = Yes
|| |      |  |}
|| |      |  |
|| |      |  +-o AFKEndpointInterfaceUserClient  <class AFKEndpointInterfaceUserClient, id 0x100004ff5, !
registered, !matched, active, busy 0, retain 7>
|| |      |          {
|| |      |             "IOUserClientDefaultLockingSetProperties" = Yes
|| |      |             "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |      |             "IOUserClientEntitlements" = "com.apple.afk.user"
|| |      |             "IOUserClientCreator" = "pid 5008, PerfPowerService"
|| |      |             "IOUserClientDefaultLocking" = Yes
|| |      |             "IOPowerManagement" =
{"CurrentPowerState"=0x0,"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"DriverPowerState"=0x0}
```

```
|| |   |        "DebugState" =
{"dataQueue"={"queueSize"=0x3fcc,"enqueueTimestamp"=0x3b033f5b014,"SpaceAvailableCnt"=0x0,"tail"=0x1fcc,"notify
SpaceAvailable"=0x0,"head"=0x1fcc},"EnsureDescriptorDelivery"=0x1,"SessionCount"=0x0,"EnsureCommandDelivery"=0x
1,"ReportCallback"=0x1,"EnsureReportDelivery"=0x0,"CommandCallback"=0x0,"DescriptorCallback"=0x1}
|| |   |        }
|| |   |
|| |   +-o DCPEndpoint2  <class RTBuddyEndpointService, id 0x10000069c, registered, matched, active, busy 0 (72
ms), retain 7>
|| |   ||{
|| |   ||}
|| |   ||
|| |   |+-o AFKDCPEndpoint2  <class DCPEndpointV2, id 0x1000006ad, registered, matched, active, busy 0 (30 ms),
retain 8>
|| |   |  |{
|| |   |  |   "IOClass" = "DCPEndpointV2"
|| |   |  |   "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |   |  |   "IOProviderClass" = "RTBuddyEndpointService"
|| |   |  |   "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
|| |   |  |   "IOProbeScore" = 0x1
|| |   |  |   "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
|| |   |  |   "IOMatchedAtBoot" = Yes
|| |   |  |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |  |   "IdleLowPower" = Yes
|| |   |  |   "IONameMatched" = "DCPEndpoint2"
|| |   |  |   "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |   |  |   "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |   |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |   |  |   "role" = "DCP"
|| |   |  |}
|| |   |  |
|| |   |  +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x1000006fe, registered,
matched, active, busy 0 (30 ms), retain 6>
|| |   |   {
|| |   |       "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |   |       "IOProviderClass" = "RTBuddyEndpointService"
|| |   |       "IOPowerManagement" =
{"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0x0}
|| |   |       "IOProbeScore" = 0x1
|| |   |       "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
|| |   |       "IOMatchedAtBoot" = Yes
|| |   |       "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |       "IdleLowPower" = Yes
|| |   |       "IONameMatched" = "DCPEndpoint2"
|| |   |       "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |   |       "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |   |       "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |   |       "role" = "DCP"
|| |   |       "DebugState" = {"events"=(),"publish-events"=0x0,"termination-events"=0x0}
|| |   |       }
|| |   |
|| |   +-o DCPEndpoint3  <class RTBuddyEndpointService, id 0x10000069d, registered, matched, active, busy 0 (71
ms), retain 7>
|| |   ||{
|| |   ||}
|| |   ||
|| |   |+-o AFKDCPEndpoint3  <class DCPEndpointV2, id 0x1000006ba, registered, matched, active, busy 0 (1 ms),
retain 8>
|| |   |  |{
|| |   |  |   "IOClass" = "DCPEndpointV2"
|| |   |  |   "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |   |  |   "IOProviderClass" = "RTBuddyEndpointService"
|| |   |  |   "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
|| |   |  |   "IOProbeScore" = 0x1
|| |   |  |   "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
|| |   |  |   "IOMatchedAtBoot" = Yes
|| |   |  |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |  |   "IdleLowPower" = Yes
|| |   |  |   "IONameMatched" = "DCPEndpoint3"
|| |   |  |   "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |   |  |   "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |   |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
```

```
|| |    | |  "role" = "DCP"
|| |    | |}
|| |    | |
|| |    | +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x100000750, registered,
matched, active, busy 0 (1 ms), retain 8>
|| |    | |{
|| |    | |  "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |    | |  "IOProviderClass" = "RTBuddyEndpointService"
|| |    | |  "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
|| |    | |  "IOProbeScore" = 0x1
|| |    | |  "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
|| |    | |  "IOMatchedAtBoot" = Yes
|| |    | |  "IOMatchCategory" = "IODefaultMatchCategory"
|| |    | |  "IdleLowPower" = Yes
|| |    | |  "IONameMatched" = "DCPEndpoint3"
|| |    | |  "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |    | |  "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |    | |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |    | |  "role" = "DCP"
|| |    | |  "DebugState" = {"events"=(),"publish-events"=0x1,"termination-events"=0x0}
|| |    | |}
|| |    | |
|| |    | +-o dcpexpert-service  <class AFKEPInterfaceKextV2, id 0x10000075f, registered, matched, active, busy 0
(0 ms), retain 7>
|| |    |    {
|| |    |     "interface-id" = 0x3
|| |    |     "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,
"TimeSinceLastTickle"=0x814414,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
|| |    |     "role" = "DCP"
|| |    |     "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x0,"state"=0x1,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x0,"enqueued-commands"=0x0,"isOpen"=0x0,"enqueued-
responses"=0x0,"handled-responses"=0x0}
|| |    |    }
|| |    |
|| |    +-o DCPEndpoint4  <class RTBuddyEndpointService, id 0x10000069e, registered, matched, active, busy 0 (64
ms), retain 7>
|| |    ||{
|| |    ||}
|| |    ||
|| |    |+-o AFKDCPEndpoint4  <class DCPEndpointV2, id 0x1000006bd, registered, matched, active, busy 0 (27 ms),
retain 8>
|| |    | |{
|| |    | |  "IOClass" = "DCPEndpointV2"
|| |    | |  "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |    | |  "IOProviderClass" = "RTBuddyEndpointService"
|| |    | |  "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
|| |    | |  "IOProbeScore" = 0x1
|| |    | |  "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
|| |    | |  "IOMatchedAtBoot" = Yes
|| |    | |  "IOMatchCategory" = "IODefaultMatchCategory"
|| |    | |  "IdleLowPower" = Yes
|| |    | |  "IONameMatched" = "DCPEndpoint4"
|| |    | |  "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |    | |  "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |    | |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |    | |  "role" = "DCP"
|| |    | |}
|| |    | |
|| |    | +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x1000006fd, registered,
matched, active, busy 0 (28 ms), retain 8>
|| |    | |{
|| |    | |  "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |    | |  "IOProviderClass" = "RTBuddyEndpointService"
|| |    | |  "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
|| |    | |  "IOProbeScore" = 0x1
|| |    | |  "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
|| |    | |  "IOMatchedAtBoot" = Yes
```

```
|| |   |   |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |   |   "IdleLowPower" = Yes
|| |   |   |   "IONameMatched" = "DCPEndpoint4"
|| |   |   |   "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |   |   |   "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |   |   |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |   |   |   "role" = "DCP"
|| |   |   |   "DebugState" = {"events"=(),"publish-events"=0x1,"termination-events"=0x0}
|| |   |   | }
|| |   |   |
|| |   |   +-o disp0-service  <class AFKEPInterfaceKextV2, id 0x100000713, registered, matched, active, busy 0 (0
ms), retain 7>
|| |   |     {
|| |   |       "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x0,"state"=0x1,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x0,"enqueued-commands"=0x0,"isOpen"=0x0,"enqueued-
responses"=0x0,"handled-responses"=0x0}
|| |   |       "interface-id" = 0x3
|| |   |       "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"
TimeSinceLastTickle"=0x814415,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
|| |   |       "role" = "DCP"
|| |   |       "ep-has-desc-mgr" = Yes
|| |   |     }
|| |   |
|| |   +-o DCPEndpoint5  <class RTBuddyEndpointService, id 0x10000069f, registered, matched, active, busy 0 (61
ms), retain 7>
|| |   | | {
|| |   | | }
|| |   | |
|| |   | +-o AFKDCPEndpoint5  <class DCPEndpointV2, id 0x1000006b9, registered, matched, active, busy 0 (24 ms),
retain 8>
|| |   |   | {
|| |   |   |   "IOClass" = "DCPEndpointV2"
|| |   |   |   "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |   |   |   "IOProviderClass" = "RTBuddyEndpointService"
|| |   |   |   "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
|| |   |   |   "IOProbeScore" = 0x1
|| |   |   |   "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
|| |   |   |   "IOMatchedAtBoot" = Yes
|| |   |   |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |   |   "IdleLowPower" = Yes
|| |   |   |   "IONameMatched" = "DCPEndpoint5"
|| |   |   |   "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |   |   |   "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |   |   |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |   |   |   "role" = "DCP"
|| |   |   | }
|| |   |   |
|| |   |   +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x100000708, registered,
matched, active, busy 0 (13 ms), retain 10>
|| |   |     | {
|| |   |     |   "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |   |     |   "IOProviderClass" = "RTBuddyEndpointService"
|| |   |     |   "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
|| |   |     |   "IOProbeScore" = 0x1
|| |   |     |   "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
|| |   |     |   "IOMatchedAtBoot" = Yes
|| |   |     |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |     |   "IdleLowPower" = Yes
|| |   |     |   "IONameMatched" = "DCPEndpoint5"
|| |   |     |   "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |   |     |   "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |   |     |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |   |     |   "role" = "DCP"
|| |   |     |   "DebugState" = {"events"=(),"publish-events"=0x2,"termination-events"=0x0}
|| |   |     | }
|| |   |     |
|| |   |     +-o disp0:dcpav-controller-epic:0  <class AFKEPInterfaceKextV2, id 0x10000071d, registered, matched,
active, busy 0 (10 ms), retain 8>
|| |   |     | | {
|| |   |     | |   "ep-has-desc-mgr" = Yes
|| |   |     | |   "EPICProviderClass" = "AppleDCPDPTXController"
|| |   |     | |   "EPICLocation" = "Embedded"
|| |   |     | |   "interface-id" = 0x5
|| |   |     | |   "EPICUnit" = 0x0
```

```
|| |   |   || "role" = "DCP"
|| |   |   || "interface-name" = "disp0:dcpav-controller-epic:0"
|| |   |   || "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"
TimeSinceLastTickle"=0x814415,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
|| |   |   || "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x12f,"state"=0x6,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x1,"enqueued-commands"=0x1,"isOpen"=0x1,"enqueued-
responses"=0x0,"handled-responses"=0x1}
|| |   |   || "EPICName" = "dcpav-controller-epic"
|| |   |   ||}
|| |   |   ||
|| |   |   | +-o DCPAVControllerProxy  <class DCPAVControllerProxy, id 0x100000775, registered, matched, active,
busy 0 (1 ms), retain 6>
|| |   |   |   {
|| |   |   |     "IOClass" = "DCPAVControllerProxy"
|| |   |   |     "CFBundleIdentifier" = "com.apple.driver.DCPAVFamilyProxy"
|| |   |   |     "IOProviderClass" = "AFKEndpointInterface"
|| |   |   |     "IOPropertyMatch" = {"EPICName"="dcpav-controller-epic"}
|| |   |   |     "IOUserClientClass" = "DCPAVControllerProxyUserClient"
|| |   |   |     "IOProbeScore" = 0x0
|| |   |   |     "IOMatchedAtBoot" = Yes
|| |   |   |     "Location" = "Embedded"
|| |   |   |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |   |     "Unit" = 0x0
|| |   |   |     "IOPersonalityPublisher" = "com.apple.driver.DCPAVFamilyProxy"
|| |   |   |     "CFBundleIdentifierKernel" = "com.apple.driver.DCPAVFamilyProxy"
|| |   |   |     "IOAVControllerUserInterfaceSupported" = Yes
|| |   |   |   }
|| |   |   |
|| |   |   +-o disp0:dcpdp-controller-epic:0  <class AFKEPInterfaceKextV2, id 0x100000721, registered, matched,
active, busy 0 (7 ms), retain 8>
|| |   |   |{
|| |   |   | "ep-has-desc-mgr" = Yes
|| |   |   | "EPICProviderClass" = "AppleDCPDPTXController"
|| |   |   | "EPICLocation" = "Embedded"
|| |   |   | "interface-id" = 0x7
|| |   |   | "EPICUnit" = 0x0
|| |   |   | "role" = "DCP"
|| |   |   | "interface-name" = "disp0:dcpdp-controller-epic:0"
|| |   |   | "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"
TimeSinceLastTickle"=0x814415,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
|| |   |   | "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x12f,"state"=0x6,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x1,"enqueued-commands"=0x0,"isOpen"=0x1,"enqueued-
responses"=0x0,"handled-responses"=0x0}
|| |   |   | "EPICName" = "dcpdp-controller-epic"
|| |   |   |}
|| |   |   |
|| |   |   +-o DCPDPControllerProxy  <class DCPDPControllerProxy, id 0x100000766, registered, matched, active,
busy 0 (2 ms), retain 6>
|| |   |   |     {
|| |   |   |       "IOClass" = "DCPDPControllerProxy"
|| |   |   |       "CFBundleIdentifier" = "com.apple.driver.DCPDPFamilyProxy"
|| |   |   |       "IOProviderClass" = "AFKEndpointInterface"
|| |   |   |       "IOPropertyMatch" = {"EPICName"="dcpdp-controller-epic"}
|| |   |   |       "IOUserClientClass" = "DCPDPControllerProxyUserClient"
|| |   |   |       "IOProbeScore" = 0x0
|| |   |   |       "IOMatchedAtBoot" = Yes
|| |   |   |       "Location" = "Embedded"
|| |   |   |       "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |   |       "Unit" = 0x0
|| |   |   |       "IOPersonalityPublisher" = "com.apple.driver.DCPDPFamilyProxy"
|| |   |   |       "IODPControllerUserInterfaceSupported" = Yes
|| |   |   |       "CFBundleIdentifierKernel" = "com.apple.driver.DCPDPFamilyProxy"
|| |   |   |     }
|| |   |
|| |   +-o DCPEndpoint6  <class RTBuddyEndpointService, id 0x1000006a0, registered, matched, active, busy 0 (74
ms), retain 7>
|| |   ||{
|| |   ||}
|| |   ||
|| |   | +-o AFKDCPEndpoint6  <class DCPEndpointV2, id 0x1000006c0, registered, matched, active, busy 0 (24 ms),
retain 8>
|| |   |   |{
|| |   |   | "IOClass" = "DCPEndpointV2"
|| |   |   | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |   |   | "IOProviderClass" = "RTBuddyEndpointService"
|| |   |   | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
|| |   |   | "IOProbeScore" = 0x1
|| |   |   | "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
|| |   |   | | "IOMatchedAtBoot" = Yes
```

```
|| |     | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |     | |   "IdleLowPower" = Yes
|| |     | |   "IONameMatched" = "DCPEndpoint6"
|| |     | |   "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |     | |   "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |     | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |     | |   "role" = "DCP"
|| |     | |}
|| |     | |
|| |     | +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x100000702, registered,
matched, active, busy 0 (24 ms), retain 8>
|| |     | |{
|| |     | |   "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |     | |   "IOProviderClass" = "RTBuddyEndpointService"
|| |     | |   "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
|| |     | |   "IOProbeScore" = 0x1
|| |     | |   "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
|| |     | |   "IOMatchedAtBoot" = Yes
|| |     | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |     | |   "IdleLowPower" = Yes
|| |     | |   "IONameMatched" = "DCPEndpoint6"
|| |     | |   "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |     | |   "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |     | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |     | |   "role" = "DCP"
|| |     | |   "DebugState" = {"events"=(),"publish-events"=0x1,"termination-events"=0x0}
|| |     | |}
|| |     | |
|| |     | +-o disp0:dcpav-power-epic:0  <class AFKEPInterfaceKextV2, id 0x10000071b, registered, matched, active,
busy 0 (10 ms), retain 8>
|| |     | |{
|| |     | |   "ep-has-desc-mgr" = Yes
|| |     | |   "EPICProviderClass" = "AppleDCPDPTXPowerController"
|| |     | |   "EPICLocation" = "Embedded"
|| |     | |   "interface-id" = 0x1
|| |     | |   "EPICUnit" = 0x0
|| |     | |   "role" = "DCP"
|| |     | |   "interface-name" = "disp0:dcpav-power-epic:0"
|| |     | |   "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"
TimeSinceLastTickle"=0x814416,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
|| |     | |   "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x0,"state"=0x6,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x1,"enqueued-commands"=0x0,"isOpen"=0x1,"enqueued-
responses"=0x0,"handled-responses"=0x0}
|| |     | |   "EPICName" = "dcpav-power-epic"
|| |     | |}
|| |     | |
|| |     | +-o DCPAVPowerControllerProxy  <class DCPAVPowerControllerProxy, id 0x100000771, registered,
matched, active, busy 0 (1 ms), retain 6>
|| |     | {
|| |     |     "IOPropertyMatch" = {"EPICName"="dcpav-power-epic"}
|| |     |     "CFBundleIdentifier" = "com.apple.driver.DCPAVFamilyProxy"
|| |     |     "IOProviderClass" = "AFKEndpointInterface"
|| |     |     "IOClass" = "DCPAVPowerControllerProxy"
|| |     |     "IOPersonalityPublisher" = "com.apple.driver.DCPAVFamilyProxy"
|| |     |     "CFBundleIdentifierKernel" = "com.apple.driver.DCPAVFamilyProxy"
|| |     |     "IOProbeScore" = 0x0
|| |     |     "IOMatchedAtBoot" = Yes
|| |     |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |     |     "Location" = "Embedded"
|| |     |     "Unit" = 0x0
|| |     |   }
|| |     |
|| |   +-o DCPEndpoint7  <class RTBuddyEndpointService, id 0x1000006a1, registered, matched, active, busy 0 (78
ms), retain 7>
|| |   ||{
|| |   ||}
|| |   ||
|| |   |+-o AFKDCPEndpoint7  <class DCPEndpointV2, id 0x1000006be, registered, matched, active, busy 0 (23 ms),
retain 8>
|| |   | |{
|| |   | |   "IOClass" = "DCPEndpointV2"
|| |   | |   "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |   | |   "IOProviderClass" = "RTBuddyEndpointService"
|| |   | |   "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
|| |   | |   "IOProbeScore" = 0x1
|| |   | |   "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
```

DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoint5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "IdleLowPower" = Yes
|| | | | "IONameMatched" = "DCPEndpoint7"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| | | | "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| | | | "role" = "DCP"
|| | | |}
|| | |
|| | +-o AFKEPInterfaceServiceKextV2 <class AFKEPInterfaceServiceKextV2, id 0x10000072d, registered,
matched, active, busy 0 (15 ms), retain 8>
|| | | |{
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| | | | "IOProviderClass" = "RTBuddyEndpointService"
|| | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
|| | | | "IOProbeScore" = 0x1
|| | | | "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoint5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "IdleLowPower" = Yes
|| | | | "IONameMatched" = "DCPEndpoint7"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| | | | "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| | | | "role" = "DCP"
|| | | | "DebugState" = {"events"=(),"publish-events"=0x1,"termination-events"=0x0}
|| | | |}
|| | | |
|| | | +-o disp0:dcpav-sac-epic:0 <class AFKEPInterfaceKextV2, id 0x100000733, registered, matched, active,
busy 0 (13 ms), retain 8>
|| | | | |{
|| | | | | "ep-has-desc-mgr" = Yes
|| | | | | "EPICProviderClass" = "AppleDCPDPDisplaySACController"
|| | | | | "EPICLocation" = "Embedded"
|| | | | | "interface-id" = 0x1
|| | | | | "EPICUnit" = 0x0
|| | | | | "role" = "DCP"
|| | | | | "interface-name" = "disp0:dcpav-sac-epic:0"
|| | | | | "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"
TimeSinceLastTickle"=0x814416,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
|| | | | | "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x0,"state"=0x6,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x2,"enqueued-reports"=0x1,"enqueued-commands"=0x4,"isOpen"=0x1,"enqueued-
responses"=0x2,"handled-responses"=0x4}
|| | | | | "EPICName" = "dcpav-sac-epic"
|| | | | |}
|| | | | |
|| | | | +-o DCPAVRemoteSACControllerProxy <class DCPAVRemoteSACControllerProxy, id 0x100000781,
registered, matched, active, busy 0 (2 ms), retain 6>
|| | | | {
|| | | | "IOClass" = "DCPAVRemoteSACControllerProxy"
|| | | | "CFBundleIdentifier" = "com.apple.driver.DCPAVFamilyProxy"
|| | | | "IOProviderClass" = "AFKEndpointInterface"
|| | | | "IOPropertyMatch" = {"EPICName"="dcpav-sac-epic"}
|| | | | "IOProbeScore" = 0x0
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "Location" = "Embedded"
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "Unit" = 0x0
|| | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.DCPAVFamilyProxy"
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.DCPAVFamilyProxy"
|| | | | }
|| | | |
|| | +-o DCPEndpoint8 <class RTBuddyEndpointService, id 0x1000006a2, registered, matched, active, busy 0 (748
ms), retain 7>
|| | ||{
|| | ||}
|| | ||
|| | |+-o AFKDCPEndpoint8 <class DCPEndpointV2, id 0x1000006b6, registered, matched, active, busy 0 (710
ms), retain 8>
|| | | |{
|| | | | "IOClass" = "DCPEndpointV2"
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| | | | "IOProviderClass" = "RTBuddyEndpointService"
|| | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
|| | | | "IOProbeScore" = 0x1

```
 | | |     | |  "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
 | | |     | |  "IOMatchedAtBoot" = Yes
 | | |     | |  "IOMatchCategory" = "IODefaultMatchCategory"
 | | |     | |  "IdleLowPower" = Yes
 | | |     | |  "IONameMatched" = "DCPEndpoint8"
 | | |     | |  "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
 | | |     | |  "IOProviderMergeProperties" = {"dcp-ep"=Yes}
 | | |     | |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
 | | |     | |  "role" = "DCP"
 | | |     | |}
 | | |     |
 | | |     +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x10000070b, registered,
matched, active, busy 0 (700 ms), retain 10>
 | | |     | |{
 | | |     | |  "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
 | | |     | |  "IOProviderClass" = "RTBuddyEndpointService"
 | | |     | |  "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
 | | |     | |  "IOProbeScore" = 0x1
 | | |     | |  "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
 | | |     | |  "IOMatchedAtBoot" = Yes
 | | |     | |  "IOMatchCategory" = "IODefaultMatchCategory"
 | | |     | |  "IdleLowPower" = Yes
 | | |     | |  "IONameMatched" = "DCPEndpoint8"
 | | |     | |  "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
 | | |     | |  "IOProviderMergeProperties" = {"dcp-ep"=Yes}
 | | |     | |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
 | | |     | |  "role" = "DCP"
 | | |     | |  "DebugState" = {"events"=(),"publish-events"=0x4e,"termination-events"=0x4c}
 | | |     | |}
 | | |     |
 | | |     +-o disp0:dcpav-device-epic:0  <class AFKEPInterfaceKextV2, id 0x10000a20a, registered, matched, active,
busy 0 (14 ms), retain 8>
 | | |     | |{
 | | |     | |  "ep-has-desc-mgr" = Yes
 | | |     | |  "EPICProviderClass" = "DCPDPDevice"
 | | |     | |  "EPICLocation" = "Embedded"
 | | |     | |  "interface-id" = 0x99
 | | |     | |  "EPICUnit" = 0x0
 | | |     | |  "role" = "DCP"
 | | |     | |  "interface-name" = "disp0:dcpav-device-epic:0"
 | | |     | |  "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x0,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"
TimeSinceLastTickle"=0x8142f8,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
 | | |     | |  "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x2,"state"=0x6,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x1,"enqueued-commands"=0x0,"isOpen"=0x1,"enqueued-
responses"=0x0,"handled-responses"=0x0}
 | | |     | |  "EPICName" = "dcpav-device-epic"
 | | |     | |}
 | | |     |
 | | |     +-o DCPAVDeviceProxy  <class DCPAVDeviceProxy, id 0x10000a212, registered, matched, active, busy 0 (4
ms), retain 6>
 | | |     | {
 | | |     |    "IOClass" = "DCPAVDeviceProxy"
 | | |     |    "CFBundleIdentifier" = "com.apple.driver.DCPAVFamilyProxy"
 | | |     |    "IOProviderClass" = "AFKEndpointInterface"
 | | |     |    "IOPropertyMatch" = {"EPICName"="dcpav-device-epic"}
 | | |     |    "IOUserClientClass" = "DCPAVDeviceProxyUserClient"
 | | |     |    "IOProbeScore" = 0x0
 | | |     |    "IOMatchedAtBoot" = Yes
 | | |     |    "Location" = "Embedded"
 | | |     |    "IOMatchCategory" = "IODefaultMatchCategory"
 | | |     |    "Unit" = 0x0
 | | |     |    "IOPersonalityPublisher" = "com.apple.driver.DCPAVFamilyProxy"
 | | |     |    "CFBundleIdentifierKernel" = "com.apple.driver.DCPAVFamilyProxy"
 | | |     |    "IOAVDeviceUserInterfaceSupported" = Yes
 | | |     | }
 | | |     |
 | | |     +-o disp0:dcpdp-device-epic:0  <class AFKEPInterfaceKextV2, id 0x10000a20e, registered, matched,
active, busy 0 (26 ms), retain 8>
 | | |     | |{
 | | |     | |  "ep-has-desc-mgr" = Yes
 | | |     | |  "EPICProviderClass" = "DCPDPDevice"
 | | |     | |  "EPICLocation" = "Embedded"
 | | |     | |  "interface-id" = 0x9b
 | | |     | |  "EPICUnit" = 0x0
 | | |     | |  "role" = "DCP"
 | | |     | |  "interface-name" = "disp0:dcpdp-device-epic:0"
```

```
 || |   |   | "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x0,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"
TimeSinceLastTickle"=0x8142f4,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
 || |   |   | "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x2,"state"=0x6,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x1,"enqueued-commands"=0x1,"isOpen"=0x1,"enqueued-
responses"=0x0,"handled-responses"=0x1}
 || |   |   | "EPICName" = "dcpdp-device-epic"
 || |   |   |}
 || |   |   |
 || |   |   +-o DCPDPDeviceProxy  <class DCPDPDeviceProxy, id 0x10000a216, registered, matched, active, busy 0
(3 ms), retain 6>
 || |   |       {
 || |   |         "IOClass" = "DCPDPDeviceProxy"
 || |   |         "CFBundleIdentifier" = "com.apple.driver.DCPDPFamilyProxy"
 || |   |         "IOProviderClass" = "AFKEndpointInterface"
 || |   |         "IOPropertyMatch" = {"EPICName"="dcpdp-device-epic"}
 || |   |         "IOUserClientClass" = "DCPDPDeviceProxyUserClient"
 || |   |         "BranchIEEEOUI" = 0x0
 || |   |         "IOProbeScore" = 0x0
 || |   |         "IOMatchedAtBoot" = Yes
 || |   |         "Location" = "Embedded"
 || |   |         "IOMatchCategory" = "IODefaultMatchCategory"
 || |   |         "Unit" = 0x0
 || |   |         "SinkDeviceID" = "A41029"
 || |   |         "SinkIEEEOUI" = 0xfa1000
 || |   |         "IODPDeviceUserInterfaceSupported" = Yes
 || |   |         "BranchDeviceID" = ""
 || |   |         "IOPersonalityPublisher" = "com.apple.driver.DCPDPFamilyProxy"
 || |   |         "CFBundleIdentifierKernel" = "com.apple.driver.DCPDPFamilyProxy"
 || |   |       }
 || |   |
 || |   +-o DCPEndpoint9  <class RTBuddyEndpointService, id 0x1000006a4, registered, matched, active, busy 0 (437
ms), retain 7>
 || |   ||{
 || |   ||}
 || |   ||
 || |   |+-o AFKDCPEndpoint9  <class DCPEndpointV2, id 0x1000006b5, registered, matched, active, busy 0 (400
ms), retain 8>
 || |   |   |{
 || |   |   |  "IOClass" = "DCPEndpointV2"
 || |   |   |  "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
 || |   |   |  "IOProviderClass" = "RTBuddyEndpointService"
 || |   |   |  "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
 || |   |   |  "IOProbeScore" = 0x1
 || |   |   |  "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
 || |   |   |  "IOMatchedAtBoot" = Yes
 || |   |   |  "IOMatchCategory" = "IODefaultMatchCategory"
 || |   |   |  "IdleLowPower" = Yes
 || |   |   |  "IONameMatched" = "DCPEndpoint9"
 || |   |   |  "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
 || |   |   |  "IOProviderMergeProperties" = {"dcp-ep"=Yes}
 || |   |   |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
 || |   |   |  "role" = "DCP"
 || |   |   |}
 || |   |   |
 || |   |   +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x10000070e, registered,
matched, active, busy 0 (385 ms), retain 10>
 || |   |   |   |{
 || |   |   |   |  "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
 || |   |   |   |  "IOProviderClass" = "RTBuddyEndpointService"
 || |   |   |   |  "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
 || |   |   |   |  "IOProbeScore" = 0x1
 || |   |   |   |  "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
 || |   |   |   |  "IOMatchedAtBoot" = Yes
 || |   |   |   |  "IOMatchCategory" = "IODefaultMatchCategory"
 || |   |   |   |  "IdleLowPower" = Yes
 || |   |   |   |  "IONameMatched" = "DCPEndpoint9"
 || |   |   |   |  "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
 || |   |   |   |  "IOProviderMergeProperties" = {"dcp-ep"=Yes}
 || |   |   |   |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
 || |   |   |   |  "role" = "DCP"
 || |   |   |   |  "DebugState" = {"events"=(),"publish-events"=0x4e,"termination-events"=0x4c}
 || |   |   |   |}
 || |   |   |   |
 || |   |   |   +-o disp0:dcpav-service-epic:0  <class AFKEPInterfaceKextV2, id 0x10000a20c, registered, matched,
```

```
active, busy 0 (8 ms), retain 8>
    || |   |   || {
    || |   |   ||   "ep-has-desc-mgr" = Yes
    || |   |   ||   "EPICProviderClass" = "AppleDCPAgileCDIDPDisplay"
    || |   |   ||   "EPICLocation" = "Embedded"
    || |   |   ||   "interface-id" = 0x99
    || |   |   ||   "EPICUnit" = 0x0
    || |   |   ||   "role" = "DCP"
    || |   |   ||   "interface-name" = "disp0:dcpav-service-epic:0"
    || |   |   ||   "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x0,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"
TimeSinceLastTickle"=0x8142f5,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
    || |   |   ||   "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x2,"state"=0x6,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x1,"enqueued-commands"=0x0,"isOpen"=0x1,"enqueued-
responses"=0x0,"handled-responses"=0x0}
    || |   |   ||   "EPICName" = "dcpav-service-epic"
    || |   |   || }
    || |   |   ||
    || |   |   +-o DCPAVServiceProxy  <class DCPAVServiceProxy, id 0x10000a213, registered, matched, active, busy 0
(1 ms), retain 6>
    || |   |   |   {
    || |   |   |     "IOClass" = "DCPAVServiceProxy"
    || |   |   |     "CFBundleIdentifier" = "com.apple.driver.DCPAVFamilyProxy"
    || |   |   |     "IOProviderClass" = "AFKEndpointInterface"
    || |   |   |     "IOPropertyMatch" = {"EPICName"="dcpav-service-epic"}
    || |   |   |     "IOAVServiceUserInterfaceSupported" = Yes
    || |   |   |     "IOUserClientClass" = "DCPAVServiceProxyUserClient"
    || |   |   |     "IOProbeScore" = 0x0
    || |   |   |     "IOMatchedAtBoot" = Yes
    || |   |   |     "Location" = "Embedded"
    || |   |   |     "IOMatchCategory" = "IODefaultMatchCategory"
    || |   |   |     "Unit" = 0x0
    || |   |   |     "IOPersonalityPublisher" = "com.apple.driver.DCPAVFamilyProxy"
    || |   |   |     "CFBundleIdentifierKernel" = "com.apple.driver.DCPAVFamilyProxy"
    || |   |   |   }
    || |   |   |
    || |   |   +-o disp0:dcpdp-service-epic:0  <class AFKEPInterfaceKextV2, id 0x10000a210, registered, matched,
active, busy 0 (7 ms), retain 9>
    || |   |   |   | {
    || |   |   |   |   "ep-has-desc-mgr" = Yes
    || |   |   |   |   "EPICProviderClass" = "AppleDCPAgileCDIDPDisplay"
    || |   |   |   |   "EPICLocation" = "Embedded"
    || |   |   |   |   "interface-id" = 0x9b
    || |   |   |   |   "EPICUnit" = 0x0
    || |   |   |   |   "role" = "DCP"
    || |   |   |   |   "interface-name" = "disp0:dcpdp-service-epic:0"
    || |   |   |   |   "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x0,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"
TimeSinceLastTickle"=0x8142f4,"DriverPowerState"=0x0,"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0}
    || |   |   |   |   "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x2,"state"=0x6,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x1,"enqueued-commands"=0x0,"isOpen"=0x1,"enqueued-
responses"=0x0,"handled-responses"=0x0}
    || |   |   |   |   "EPICName" = "dcpdp-service-epic"
    || |   |   |   | }
    || |   |   |   |
    || |   |   |   +-o DCPDPServiceProxy  <class DCPDPServiceProxy, id 0x10000a215, registered, matched, active, busy 0
(6 ms), retain 7>
    || |   |   |       {
    || |   |   |         "IOClass" = "DCPDPServiceProxy"
    || |   |   |         "CFBundleIdentifier" = "com.apple.driver.DCPDPFamilyProxy"
    || |   |   |         "IOProviderClass" = "AFKEndpointInterface"
    || |   |   |         "IOPropertyMatch" = {"EPICName"="dcpdp-service-epic"}
    || |   |   |         "IOPowerManagement" =
{"CurrentPowerState"=0x0,"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"DriverPowerState"=0x0}
    || |   |   |         "IOUserClientClass" = "DCPDPServiceProxyUserClient"
    || |   |   |         "IOProbeScore" = 0x0
    || |   |   |         "IOMatchedAtBoot" = Yes
    || |   |   |         "Location" = "Embedded"
    || |   |   |         "IOMatchCategory" = "IODefaultMatchCategory"
    || |   |   |         "Unit" = 0x0
    || |   |   |         "IOPersonalityPublisher" = "com.apple.driver.DCPDPFamilyProxy"
    || |   |   |         "IODPServiceUserInterfaceSupported" = Yes
    || |   |   |         "CFBundleIdentifierKernel" = "com.apple.driver.DCPDPFamilyProxy"
    || |   |   |       }
    || |   |   |
    || |   |   +-o DCPEndpoint10  <class RTBuddyEndpointService, id 0x1000006a5, registered, matched, active, busy 0
(236 ms), retain 7>
    || |   |   | {
    || |   |   | }
    || |   |   ||
    || |   |   +-o AFKDCPEndpoint10  <class DCPEndpointV2, id 0x1000006b3, registered, matched, active, busy 0 (203
ms), retain 8>
    || |   |   |   | {
    || |   |   |   |   "IOClass" = "DCPEndpointV2"
    || |   |   |   |   "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
    || |   |   |   |   "IOProviderClass" = "RTBuddyEndpointService"
    || |   |   |   |   "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
```

0x1,"DriverPowerState"=0x0}
|| | | | "IOProbeScore" = 0x1
|| | | | "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "IdleLowPower" = Yes
|| | | | "IONameMatched" = "DCPEndpoint10"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| | | | "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| | | | "role" = "DCP"
|| | | |}
|| | | |
|| | | +-o AFKEPInterfaceServiceKextV2 <class AFKEPInterfaceServiceKextV2, id 0x100000711, registered,
matched, active, busy 0 (199 ms), retain 8>
|| | | |{
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| | | | "IOProviderClass" = "RTBuddyEndpointService"
|| | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
|| | | | "IOProbeScore" = 0x1
|| | | | "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "IdleLowPower" = Yes
|| | | | "IONameMatched" = "DCPEndpoint10"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| | | | "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| | | | "role" = "DCP"
|| | | | "DebugState" = {"events"=(),"publish-events"=0x27,"termination-events"=0x26}
|| | | |}
|| | | |
|| | | +-o disp0:dcpav-video-interface-epi <class AFKEPInterfaceKextV2, id 0x10000a219, registered, matched,
active, busy 0 (5 ms), retain 8>
|| | | |{
|| | | | "ep-has-desc-mgr" = Yes
|| | | | "EPICProviderClass" = "DCPAVSimpleVideoInterface"
|| | | | "EPICLocation" = "Embedded"
|| | | | "interface-id" = 0x4d
|| | | | "EPICUnit" = 0x0
|| | | | "role" = "DCP"
|| | | | "interface-name" = "disp0:dcpav-video-interface-epic:0"
|| | | | "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x0,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"
TimeSinceLastTickle"=0x8142df,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
|| | | | "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x0,"state"=0x6,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x1,"enqueued-commands"=0x0,"isOpen"=0x1,"enqueued-
responses"=0x0,"handled-responses"=0x0}
|| | | | "EPICName" = "dcpav-video-interface-epic"
|| | | |}
|| | | |
|| | | +-o DCPAVVideoInterfaceProxy <class DCPAVVideoInterfaceProxy, id 0x10000a21c, registered, matched,
active, busy 0 (3 ms), retain 6>
|| | | {
|| | | "IOClass" = "DCPAVVideoInterfaceProxy"
|| | | "CFBundleIdentifier" = "com.apple.driver.DCPAVFamilyProxy"
|| | | "IOProviderClass" = "AFKEndpointInterface"
|| | | "IOPropertyMatch" = {"EPICName"="dcpav-video-interface-epic"}
|| | | "IOUserClientClass" = "DCPAVVideoInterfaceProxyUserClient"
|| | | "IOProbeScore" = 0x0
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOAVVideoInterfaceUserInterfaceSupported" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "Location" = "Embedded"
|| | | "Unit" = 0x0
|| | | "IOPersonalityPublisher" = "com.apple.driver.DCPAVFamilyProxy"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.DCPAVFamilyProxy"
|| | | }
|| | +-o DCPEndpoint11 <class RTBuddyEndpointService, id 0x1000006a6, registered, matched, active, busy 0 (74
ms), retain 7>
|| | ||{
|| | ||}
|| | ||
|| | |+-o AFKDCPEndpoint11 <class DCPEndpointV2, id 0x1000006b4, registered, matched, active, busy 0 (16 ms),
retain 8>
|| | | |{

```
|| |    | |  "IOClass" = "DCPEndpointV2"
|| |    | |  "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |    | |  "IOProviderClass" = "RTBuddyEndpointService"
|| |    | |  "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
|| |    | |  "IOProbeScore" = 0x1
|| |    | |  "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
|| |    | |  "IOMatchedAtBoot" = Yes
|| |    | |  "IOMatchCategory" = "IODefaultMatchCategory"
|| |    | |  "IdleLowPower" = Yes
|| |    | |  "IONameMatched" = "DCPEndpoint11"
|| |    | |  "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |    | |  "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |    | |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |    | |  "role" = "DCP"
|| |    | |}
|| |    | |
|| |    | +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x100000730, registered,
matched, active, busy 0 (5 ms), retain 6>
|| |    |    {
|| |    |      "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |    |      "IOProviderClass" = "RTBuddyEndpointService"
|| |    |      "IOPowerManagement" =
{"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0x0}
|| |    |      "IOProbeScore" = 0x1
|| |    |      "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
|| |    |      "IOMatchedAtBoot" = Yes
|| |    |      "IOMatchCategory" = "IODefaultMatchCategory"
|| |    |      "IdleLowPower" = Yes
|| |    |      "IONameMatched" = "DCPEndpoint11"
|| |    |      "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |    |      "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |    |      "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |    |      "role" = "DCP"
|| |    |      "DebugState" = {"events"=(),"publish-events"=0x0,"termination-events"=0x0}
|| |    |    }
|| |    |
|| |    +-o DCPEndpoint12  <class RTBuddyEndpointService, id 0x1000006a7, registered, matched, active, busy 0
(494 ms), retain 7>
|| |    ||{
|| |    ||}
|| |    ||
|| |    |+-o AFKDCPEndpoint12  <class DCPEndpointV2, id 0x1000006b2, registered, matched, active, busy 0 (433
ms), retain 8>
|| |    | |{
|| |    | |  "IOClass" = "DCPEndpointV2"
|| |    | |  "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |    | |  "IOProviderClass" = "RTBuddyEndpointService"
|| |    | |  "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
|| |    | |  "IOProbeScore" = 0x1
|| |    | |  "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
|| |    | |  "IOMatchedAtBoot" = Yes
|| |    | |  "IOMatchCategory" = "IODefaultMatchCategory"
|| |    | |  "IdleLowPower" = Yes
|| |    | |  "IONameMatched" = "DCPEndpoint12"
|| |    | |  "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |    | |  "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |    | |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |    | |  "role" = "DCP"
|| |    | |}
|| |    | |
|| |    | +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x100000738, registered,
matched, active, busy 0 (433 ms), retain 8>
|| |    |    |{
|| |    |    |  "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |    |    |  "IOProviderClass" = "RTBuddyEndpointService"
|| |    |    |  "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
|| |    |    |  "IOProbeScore" = 0x1
|| |    |    |  "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
```

PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
     || | | | "IOMatchedAtBoot" = Yes
     || | | | "IOMatchCategory" = "IODefaultMatchCategory"
     || | | | "IdleLowPower" = Yes
     || | | | "IONameMatched" = "DCPEndpoint12"
     || | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
     || | | | "IOProviderMergeProperties" = {"dcp-ep"=Yes}
     || | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
     || | | | "role" = "DCP"
     || | | | "DebugState" = {"events"=(),"publish-events"=0x1,"termination-events"=0x0}
     || | | | }
     || | | |
     || | | +-o disp0:dcpdptx-hdcp-interface:0 <class AFKEPInterfaceKextV2, id 0x10000073d, registered, matched,
active, busy 0 (422 ms), retain 8>
     || | | | {
     || | | | "ep-has-desc-mgr" = Yes
     || | | | "EPICProviderClass" = "AppleDCPDPTXController"
     || | | | "EPICLocation" = "Embedded"
     || | | | "interface-id" = 0x1
     || | | | "EPICUnit" = 0x0
     || | | | "role" = "DCP"
     || | | | "interface-name" = "disp0:dcpdptx-hdcp-interface:0"
     || | | | "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"
TimeSinceLastTickle"=0x814419,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
     || | | | "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x12f,"state"=0x6,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x1,"enqueued-commands"=0x1,"isOpen"=0x1,"enqueued-
responses"=0x0,"handled-responses"=0x1}
     || | | | "EPICName" = "dcpdptx-hdcp-interface"
     || | | | }
     || | | |
     || | | +-o AppleDCPDPTXRemoteHDCPInterfaceProxy <class AppleDCPDPTXRemoteHDCPInterfaceProxy, id
0x10000076a, !registered, !matched, active, busy 0, retain 5>
     || | | {
     || | | "IOPropertyMatch" = {"EPICName"="dcpdptx-hdcp-interface"}
     || | | "CFBundleIdentifier" = "com.apple.driver.AppleDCPDPTXProxy"
     || | | "IOProviderClass" = "AFKEndpointInterface"
     || | | "IOClass" = "AppleDCPDPTXRemoteHDCPInterfaceProxy"
     || | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCPDPTXProxy"
     || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCPDPTXProxy"
     || | | "IOProbeScore" = 0x0
     || | | "IOMatchedAtBoot" = Yes
     || | | "IOMatchCategory" = "IODefaultMatchCategory"
     || | | "Location" = "Embedded"
     || | | "Unit" = 0x0
     || | | }
     || | |
     || | +-o DCPEndpoint13 <class RTBuddyEndpointService, id 0x1000006a8, registered, matched, active, busy 0 (80
ms), retain 7>
     || | | | {
     || | | | }
     || | | |
     || | | +-o AFKDCPEndpoint13 <class DCPEndpointV2, id 0x1000006bc, registered, matched, active, busy 0 (3 ms),
retain 8>
     || | | | {
     || | | | "IOClass" = "DCPEndpointV2"
     || | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
     || | | | "IOProviderClass" = "RTBuddyEndpointService"
     || | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
     || | | | "IOProbeScore" = 0x1
     || | | | "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
     || | | | "IOMatchedAtBoot" = Yes
     || | | | "IOMatchCategory" = "IODefaultMatchCategory"
     || | | | "IdleLowPower" = Yes
     || | | | "IONameMatched" = "DCPEndpoint13"
     || | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
     || | | | "IOProviderMergeProperties" = {"dcp-ep"=Yes}
     || | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
     || | | | "role" = "DCP"
     || | | | }
     || | | |
     || | | +-o AFKEPInterfaceServiceKextV2 <class AFKEPInterfaceServiceKextV2, id 0x100000773, registered,
matched, active, busy 0 (3 ms), retain 8>
     || | | | {
     || | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
     || | | | "IOProviderClass" = "RTBuddyEndpointService"
     || | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}

```
|| |   |   |   | "IOProbeScore" = 0x1
|| |   |   |   | "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
|| |   |   |   | "IOMatchedAtBoot" = Yes
|| |   |   |   | "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |   |   | "IdleLowPower" = Yes
|| |   |   |   | "IONameMatched" = "DCPEndpoint13"
|| |   |   |   | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |   |   |   | "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |   |   |   | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |   |   |   | "role" = "DCP"
|| |   |   |   | "DebugState" = {"events"=(),"publish-events"=0x1,"termination-events"=0x0}
|| |   |   |   |}
|| |   |   |
|| |   |   | +-o CBAPToDCPService  <class AFKEPInterfaceKextV2, id 0x100000776, registered, matched, active, busy
0 (1 ms), retain 10>
|| |   |   |   |{
|| |   |   |   | "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x0,"state"=0x6,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x1,"enqueued-commands"=0xb,"isOpen"=0x1,"enqueued-
responses"=0x0,"handled-responses"=0xb}
|| |   |   |   | "interface-id" = 0x1
|| |   |   |   | "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"
TimeSinceLastTickle"=0x814419,"DriverPowerState"=0x0,"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0}
|| |   |   |   | "role" = "DCP"
|| |   |   |   | "ep-has-desc-mgr" = Yes
|| |   |   |   |}
|| |   |   |
|| |   |   | +-o AFKEndpointInterfaceUserClient  <class AFKEndpointInterfaceUserClient, id 0x100000ac0, !
registered, !matched, active, busy 0, retain 7>
|| |   |   |     {
|| |   |   |       "IOUserClientDefaultLockingSetProperties" = Yes
|| |   |   |       "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |   |   |       "IOUserClientEntitlements" = "com.apple.afk.user"
|| |   |   |       "IOUserClientCreator" = "pid 385, WindowServer"
|| |   |   |       "IOUserClientDefaultLocking" = Yes
|| |   |   |       "IOPowerManagement" =
{"CurrentPowerState"=0x0,"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"DriverPowerState"=0x0}
|| |   |   |       "DebugState" =
{"dataQueue"={"queueSize"=0x3fcc,"enqueueTimestamp"=0x0,"SpaceAvailableCnt"=0x0,"tail"=0x0,"notifySpaceAvailable
"=0x0,"head"=0x0},"EnsureDescriptorDelivery"=0x1,"SessionCount"=0x0,"EnsureCommandDelivery"=0x1,"ReportCallback
"=0x0,"EnsureReportDelivery"=0x0,"CommandCallback"=0x0,"DescriptorCallback"=0x0}
|| |   |   |     }
|| |   |   |
|| |   |   | +-o DCPEndpoint18  <class RTBuddyEndpointService, id 0x1000006a9, registered, matched, active, busy 0 (72
ms), retain 7>
|| |   ||{
|| |   ||}
|| |   ||
|| |   | +-o AFKDCPEndpoint18  <class DCPEndpointV2, id 0x1000006bb, registered, matched, active, busy 0 (3 ms),
retain 8>
|| |   |   |{
|| |   |   | "IOClass" = "DCPEndpointV2"
|| |   |   | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |   |   | "IOProviderClass" = "RTBuddyEndpointService"
|| |   |   | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
|| |   |   | "IOProbeScore" = 0x1
|| |   |   | "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
|| |   |   | "IOMatchedAtBoot" = Yes
|| |   |   | "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |   | "IdleLowPower" = Yes
|| |   |   | "IONameMatched" = "DCPEndpoint18"
|| |   |   | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |   |   | "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |   |   | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |   |   | "role" = "DCP"
|| |   |   |}
|| |   |   |
|| |   |   | +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x10000074c, registered,
matched, active, busy 0 (6 ms), retain 8>
|| |   |   |   |{
|| |   |   |   | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |   |   |   | "IOProviderClass" = "RTBuddyEndpointService"
|| |   |   |   | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
|| |   |   |   | "IOProbeScore" = 0x1
|| |   |   |   | "IONameMatch" =
```

("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DCPEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DCPEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoint5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "IdleLowPower" = Yes
|| | | | "IONameMatched" = "DCPEndpoint18"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| | | | "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| | | | "role" = "DCP"
|| | | | "DebugState" = {"events"=(),"publish-events"=0x1,"termination-events"=0x0}
|| | | |}
|| | | |
|| | | +-o md-manager <class AFKEPInterfaceKextV2, id 0x10000075c, registered, matched, active, busy 0 (1 ms), retain 8>
|| | | |{
|| | | | "interface-id" = 0x1
|| | | | "epi-is-desc-mgr" = Yes
|| | | | "role" = "DCP"
|| | | | "interface-name" = "md-manager"
|| | | | "md-allocator" = "md-al-remote"
|| | | | "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-reports"=0x0,"state"=0x6,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-commands"=0x0,"enqueued-reports"=0x1,"enqueued-commands"=0x0,"isOpen"=0x1,"enqueued-responses"=0x0,"handled-responses"=0x0}
|| | | | "IOPowerManagement" = {"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"TimeSinceLastTickle"=0x81441a,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
|| | | | "ep-has-desc-mgr" = Yes
|| | | |}
|| | | |
|| | | +-o AFKLocalMemoryDescriptorManager <class AFKLocalMemoryDescriptorManager, id 0x100000761, registered, matched, active, busy 0 (0 ms), retain 20>
|| | | {
|| | | "IOClass" = "AFKLocalMemoryDescriptorManager"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleFirmwareKit"
|| | | "IOProviderClass" = "AFKEndpointInterface"
|| | | "IOPropertyMatch" = {"md-allocator"="md-al-remote"}
|| | | "IOProbeScore" = 0x0
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleFirmwareKit"
|| | | "role" = "DCP"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleFirmwareKit"
|| | | "DebugState" = {"Descs"=[],"FreeReqs"=()}
|| | | "md-allocator" = "md-al-local"
|| | | }
|| | |
|| | +-o DCPEndpoint24 <class RTBuddyEndpointService, id 0x1000006aa, registered, matched, active, busy 0 (60 ms), retain 7>
|| | ||{
|| | ||}
|| | ||
|| | |+-o AppleDCPLinkServiceSoC <class AppleDCPLinkServiceSoC, id 0x1000006b0, registered, matched, active, busy 0 (50 ms), retain 6>
|| | | {
|| | | "IOProbeScore" = 0x0
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleMobileDispH13G-DCP"
|| | | "IOProviderClass" = "RTBuddyEndpointService"
|| | | "IOClass" = "AppleDCPLinkServiceSoC"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleMobileDispH13G-DCP"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleMobileDispH13G-DCP"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IONameMatch" = ("DCPEndpoint24","DCPEXTEndpoint24")
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IONameMatched" = "DCPEndpoint24"
|| | | "IOUserClientClass" = "AppleDCPLinkService"
|| | | }
|| | |
|| | +-o RTBuddyService <class RTBuddyService, id 0x1000006b1, registered, matched, active, busy 0 (59 ms), retain 22>
|| | |{
|| | | "IOProbeScore" = 0x3e8
|| | | "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
|| | | "IOMatchCategory" = "RTBuddyService"
|| | | "IOClass" = "RTBuddyService"
|| | | "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
|| | | "IOProviderClass" = "RTBuddy"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
|| | | "IOMatchedAtBoot" = Yes
|| | | "role" = "DCP"
|| | |}
|| | |
|| | +-o AFKFirmwareService <class AFKFirmwareService, id 0x1000006cd, registered, matched, active, busy 0 (51 ms), retain 5>
|| | {
|| | "IOPropertyMatch" = {"role"="DCP"}

```
|| |            "CFBundleIdentifier" = "com.apple.driver.AppleFirmwareKit"
|| |            "IOProviderClass" = "RTBuddyService"
|| |            "IOClass" = "AFKFirmwareService"
|| |            "IOPersonalityPublisher" = "com.apple.driver.DCPAVFamilyProxy"
|| |            "CFBundleIdentifierKernel" = "com.apple.driver.AppleFirmwareKit"
|| |            "IOProbeScore" = 0x0
|| |            "IOMatchedAtBoot" = Yes
|| |            "IOMatchCategory" = "IODefaultMatchCategory"
|| |            "Role" = "DCP"
|| |          }
|| |
|| +-o dart-dcp@3130C000  <class AppleARMIODevice, id 0x1000002cb, registered, matched, active, busy 0 (304
ms), retain 9>
|| || {
|| ||   "reg" = <00c0303100000000040000000000000000>
|| ||   "dart-id" = <0c000000>
|| ||   "!IOInterruptSpecifiers" = (<bd010000>)
|| ||   "AAPL,phandle" = <c8000000>
|| ||   "bypass" = <00800000>
|| ||   "instance" = <545241444441525441534300>
|| ||   "IODeviceMemory" = (({"address"=0x23130c000,"length"=0x4000}))
|| ||   "IOReportLegendPublic" = Yes
|| ||   "remap" = <05000000>
|| ||   "dart-options" = <45000000>
|| ||   "tlb-invalid-refetch" = <>
|| ||   "IOInterruptControllers" = ("IOInterruptController00000067")
|| ||   "name" = <646172742d64637000>
|| ||   "interrupt-parent" = <67000000>
|| ||   "compatible" = <646172742c743830323000>
|| ||   "page-size" = <00400000>
|| ||   "interrupts" = <bd010000>
|| ||   "diag-config" = <00210080>
|| ||   "l2-tt-0" = <00c0f0ff0900000002000000000000000>
|| ||   "bypass-address" = <0000000000000000000000000000000002>
|| ||   "vm-base" = <00000000>
|| ||   "dart-tunables-instance-0" =
<6000000004000000061008000000000610080000000068000000040000000f0f0f00000000000f0f0f00000000
006c00000004000000ffffff00000000000080808000000000000>
|| ||   "smmu-clock-gating" = <>
|| ||   "pt-region-0" = <00c0f0ff090000000040f3ff09000000>
|| ||   "error-reflector" = <00c0ff3c02000000>
|| ||   "device_type" = <6461727400>
|| ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"           First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| ||   "sids" = <01800000>
|| ||   "vm-size" = <000000fc>
|| || }
|| ||
|| +-o AppleT8020DART  <class AppleT8020DART, id 0x100000366, registered, matched, active, busy 0 (136 ms),
retain 35>
|| | | {
|| | |   "IOClass" = "AppleT8020DART"
|| | |   "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| | |   "IOProviderClass" = "AppleARMIODevice"
|| | |   "IOFunctionParent000000C8" = <>
|| | |   "IOPlatformActiveAction" = 0x13880
|| | |   "noncompliant-dead-mappings" = No
|| | |   "IOPlatformSleepAction" = 0x13880
|| | |   "IOProbeScore" = 0x0
|| | |   "IONameMatch" = "dart,t8020"
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | |   "IOUserClientClass" = "IODARTClient"
|| | |   "IONameMatched" = "dart,t8020"
|| | |   "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| | |   "iommu-dart-identity" = <c8000000>
|| | | }
|| | |
|| | +-o mapper-dcp@0  <class IODARTMapperNub, id 0x100000383, registered, matched, active, busy 0 (138 ms),
retain 8>
|| | | {
|| | |   "name" = <6d61707065722d64637000>
|| | |   "compatible" = <696f6d6d752d6d617070657200>
|| | |   "iomd-cache-ttl" = <d0070000>
|| | |   "iomd-cache-size" = <40000000>
|| | |   "device_type" = <646172742d6d617070657200>
|| | |   "reg" = <00000000>
|| | |   "AAPL,phandle" = <c9000000>
|| | | }
|| | |
|| | +-o IODARTMapper  <class IODARTMapper, id 0x100000514, registered, matched, active, busy 0 (74 ms), retain
62>
|| |     {
|| |       "IOClass" = "IODARTMapper"
|| |       "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
```

```
|| |        "IOProviderClass" = "IODARTMapperNub"
|| |        "iommu-dart-translation" = Yes
|| |        "IOUserClientClass" = "IODARTMapperClient"
|| |        "IOProbeScore" = 0x0
|| |        "IONameMatch" = "iommu-mapper"
|| |        "IOMatchedAtBoot" = Yes
|| |        "IOMatchCategory" = "IODefaultMatchCategory"
|| |        "IONameMatched" = "iommu-mapper"
|| |        "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| |        "IOMapperID" = <c9000000>
|| |        "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| |        "iommu-initial-translations" =
<00000000000000000000030010000000000003201000000000000140400000000>
|| |      }
|| |
|| +-o dcp-sac-controller  <class AppleARMIODevice, id 0x1000002cc, registered, matched, active, busy 0 (206 ms),
retain 8>
|| || {
|| ||   "device_type" = <6463702d7361632d636f6e74726f6c6c657200>
|| ||   "sac-index-count" = <02000000>
|| ||   "function-saca_lcd0" = <1a010000414341533064636c>
|| ||   "function-saca_lcd1" = <1a010000414341533164636c>
|| ||   "AAPL,phandle" = <ca000000>
|| ||   "name" = <6463702d7361632d636f6e74726f6c6c657200>
|| || }
|| ||
|| | +-o DCPAVSACController  <class DCPAVSACController, id 0x1000003f7, registered, matched, active, busy 0 (8 ms),
retain 5>
|| |   {
|| |     "IOProbeScore" = 0x0
|| |     "CFBundleIdentifier" = "com.apple.driver.DCPAVFamilyProxy"
|| |     "IOProviderClass" = "IOService"
|| |     "IOClass" = "DCPAVSACController"
|| |     "IOPersonalityPublisher" = "com.apple.driver.DCPAVFamilyProxy"
|| |     "CFBundleIdentifierKernel" = "com.apple.driver.DCPAVFamilyProxy"
|| |     "IOMatchedAtBoot" = Yes
|| |     "IONameMatch" = ("dcp-sac-controller","dcp0-sac-controller","dcp1-sac-controller")
|| |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |     "IONameMatched" = "dcp-sac-controller"
|| |     "role" = "DCP"
|| |   }
|| |
|| +-o dp-audio0  <class AppleARMIODevice, id 0x1000002cd, registered, matched, active, busy 0 (377 ms), retain 8>
|| || {
|| ||   "dma-channels" = <6400000002000000000000000008000000080000000000000000000000000000>
|| ||   "power-gates" = <45000000>
|| ||   "dma-parent" = <91000000>
|| ||   "clock-gates" = <45000000>
|| ||   "function-device_reset_dpa" = <7e00000005453524145000000>
|| ||   "device_type" = <64702d617564696f3000>
|| ||   "name" = <64702d617564696f3000>
|| ||   "AAPL,phandle" = <cb000000>
|| || }
|| ||
|| | +-o DCPAVAudioDMADelegate  <class DCPAVAudioDMADelegate, id 0x1000003f6, registered, matched, active,
busy 0 (32 ms), retain 5>
|| |   {
|| |     "IOProbeScore" = 0x0
|| |     "CFBundleIdentifier" = "com.apple.driver.DCPAVFamilyProxy"
|| |     "IOProviderClass" = "AppleARMIODevice"
|| |     "IOClass" = "DCPAVAudioDMADelegate"
|| |     "IOPersonalityPublisher" = "com.apple.driver.DCPAVFamilyProxy"
|| |     "CFBundleIdentifierKernel" = "com.apple.driver.DCPAVFamilyProxy"
|| |     "IOMatchedAtBoot" = Yes
|| |     "IONameMatch" = ("dp-audio","dp-audio0","dp-audio1","dp-audio2","dp-audio3","dp-audio4","dp-audio5","dp-
audio6","dp-audio7","dp-audio8","dp-audio9")
|| |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |     "IONameMatched" = "dp-audio0"
|| |     "TransferInformation" = {"TransferAttempts"=0x0,"TransferCompletions"=0x0}
|| |   }
|| |
|| +-o dispext0@70000000  <class AppleARMIODevice, id 0x1000002ce, registered, matched, active, busy 0 (651 ms),
retain 9>
|| || {
|| ||   "IOInterruptSpecifiers" =
(<d8010000>,<db010000>,<da010000>,<d9010000>,<e0010000>,<d6010000>,<e4010000>)
|| ||   "clock-gates" = <>
|| ||   "dot-pitch" = <00000000>
|| ||   "AAPL,phandle" = <cc000000>
|| ||   "external" = <01000000>
|| ||   "IODeviceMemory" = (({"address"=0x270000000,"length"=0x118000}),
({"address"=0x271320000,"length"=0x4000}),({"address"=0x271344000,"length"=0x4000}),
({"address"=0x271800000,"length"=0x800000}),({"address"=0x23b3d0000,"length"=0x4000}),
({"address"=0x23b738000,"length"=0x1000}),({"address"=0x23bc3c000,"length"=0x1000}))
|| ||   "display-default-color" = <00000000>
|| ||   "function-bw_req_interrupt0" = <7e0000005152494255000002300000001000000>
|| ||   "display-timing-info" = <00040000320000003300000320000058020000da0000000600000032000000>
|| ||   "iommu-parent" = <ce000000cf000000>
|| ||   "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptControlle
```

r00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067")
    || || "clcdclk_frequency" = <7e0000004342475201000000>
    || || "name" = <646973706578743000>
    || || "interrupt-parent" = <67000000>
    || || "compatible" = <64697370657874302c743831303300>
    || || "clock-ids" = <6701000066010000>
    || || "interrupts" = <d8010000db010000da010000d9010000e0010000d6010000e4010000>
    || || "framebuffer-height" = <70080000>
    || || "framebuffer-width" = <00100000>
    || || "device_type" = <6578742d646973706c61792d73756273797374656d00>
    || || "power-gates" = <>
    || || "reg" =
<0000007000000000000801100000000000000327100000000004000000000000004034710000000004000000000
0000000080710000000000080000000000000003d3b0000000000400000000000000080733b000000000100000000
00000000c0c33b00000000010000000000000>
    || ||}
    || ||
    || |+-o AppleCLCD2 <class AppleCLCD2, id 0x100000367, registered, matched, active, busy 0 (204 ms), retain 11>
    || | |{
    || | | "ForceSecureAnimation" = No
    || | | "GP0PixelCaptureLocation" = 0x4
    || | | "APTEnablePRC" = No
    || | | "APTEnableLogs" = No
    || | | "NormalModeEnable" = No
    || | | "AOTEnable" = No
    || | | "SPLCSupported" = No
    || | | "IOProviderClass" = "AppleARMIODevice"
    || | | "APTEnableConfigExpired" = Yes
    || | | "brightnessCorrection" = 0x10000
    || | | "IOMFBBrightnessLevelIDAC" = 0xffffffffffffffff
    || | | "IOClass" = "AppleCLCD2"
    || | | "IOMFB Debug Info" = {}
    || | | "external" = Yes
    || | | "IOMFBTemperatureCompensationEnable" = No
    || | | "APTEnableEvents" = No
    || | | "ProxScanPlan" = 0xffffffffffffffff
    || | | "IOMFBIntDcpUsedForExtWhenLidClose" = No
    || | | "APTResetCA" = No
    || | | "color-accuracy-index" = 0x0
    || | | "APTFixedRR" = 0x0
    || | | "AODWaitForWalkdown" = 0x1
    || | | "FrameInfoForRepeats" = No
    || | | "APTLimitRefreshRate" = No
    || | | "brightnessCorrectionB" = 0x10000
    || | | "IOMFBSupportsICC" = Yes
    || | | "PDCSaveLongFrames" = No
    || | | "IOMFBSecureIndicatorFactor" = 0x10000
    || | | "maxPeakBpp" = 0x0
    || | | "IOMFBStatsTapPoint" = 0x1
    || | | "MaxVideoSrcDownscalingWidth" = 0x1800
    || | | "IdleState" = 0x5
    || | | "ChargeValuesReset" = No
    || | | "IOFunctionParent000000CC" = <>
    || | | "M3TimingParameters" = {"subframe-interrupt-time-lines"=0x565,"subframe-duration-
nclks"=0x61bc9,"display-lead-time-nclks"=0x6bb2,"initial-vbi-advance-lines"=0x2,"initial-subframe-irq-time-
lines"=0x565,"vbi-advance-lines"=0x2}
    || | | "GPLiteMaxSrcSz" = 0x0
    || | | "PDCSettleCount" = 0x1
    || | | "IOProbeScore" = 0x0
    || | | "IOMFBNumLayers" = {"FullFrameRequired"=0x0,"MaxNumLayers"=0x2}
    || | | "enableDefaultTemperatureCorrection" = No
    || | | "DCPIndex" = 0x1
    || | | "PixelClock" = 0x0
    || | | "IOMFBSupportsYFlip" = Yes
    || | | "APTPDCEnablePM" = 0x1
    || | | "CMPixelCaptureLocation" = 0xb
    || | | "IOMFBBrightnessLevel" = 0x10000
    || | | "IOMFBBICSType" = 0x0
    || | | "IOMFBBrightnessCompensationEnable" = No
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleMobileDispH13G-DCP"
    || | | "PCCEnableLogs" = No
    || | | "maxAverageBpp" = 0x0
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "AODFixedRR" = 0x0
    || | | "PixelCaptureBlockMask" = 0x0
    || | | "QoSDebug" = 0x0
    || | | "use0DSensorFor2DTemp" = No
    || | | "RuntimeProperty::registerTraceEnable" = No
    || | | "BlendOutputCSCMethod" = 0x0
    || | | "enableDisplayTMDpc" = Yes
    || | | "APTPanicOnChargeOOB" = No
    || | | "darkBoot" = No
    || | | "IOMFBSupports2DBL" = No
    || | | "CFBundleIdentifier" = "com.apple.driver.AppleMobileDispH13G-DCP"
    || | | "set0DTempSensorValue" = 0xffffffffffffffff
    || | | "AmbientBrightness" = 0x10000
    || | | "APTPanicOnStuckPolarity" = No
    || | | "DisplayPipeStrideRequirements" = {"StrideLinearHorizontal"=0x40,"StrideLinearVertical"=0x1}
    || | | "edrScaleinGP" = Yes
    || | | "GP1PixelCaptureLocation" = 0x4

|| | | "IOMFBScalingLimits" =
{"YUVLayer_MaxScale"=0x4,"YUVLayer_MinScaleFraction"=0x2,"RGBLayer_MinScaleFraction"=0x2,"RGBLayer_MaxScale"
=0x4}
|| | | "ALSSSupported" = No
|| | | "IOMFBMaxSrcPixels" =
{"PixelClock"=0x0,"MaxSrcRectTotal"=0x1b00000,"MaxSrcBufferHeight"=0x4000,"IOMFBMaxCompressedSizeInBytes"=0x
0,"IOMFBCompressionSupport"=0x1,"VideoClock"=0x0,"MaxSrcRectWidth"=0x1800,"MaxSrcBufferWidth"=0x4000,"MaxVi
deoSrcDownscalingWidth"=0x0}
|| | | "clockRatio" = 0x0
|| | | "IOMFBIndicatorNitsCap" = 0x28a0000
|| | | "IOMFBIndicatorBrightnessNits" = 0x10000
|| | | "DisableDisplayOptimize" = 0x0
|| | | "SupportsAOTPowerSaving" = No
|| | | "ACSSSupported" = No
|| | | "ADP is generic pipe" = Yes
|| | | "enablePixelCapture" = No
|| | | "CMDegammaMethod" = 0x0
|| | | "IOMFB_KTRACE_API_VERSION" = "3.1"
|| | | "IdleCachingMethod" = 0x2
|| | | "IOMatchedAtBoot" = Yes
|| | | "DebugUInt32" = 0x0
|| | | "IOMFBSupportsGPLite" = No
|| | | "APTDevice" = No
|| | | "IOMFBDigitalDimmingLevel" = 0x50000
|| | | "GPBandwidth" = 0x3200
|| | | "enableLinearToPanel" = Yes
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleMobileDispH13G-DCP"
|| | | "APTDefaultGrayValue" = 0xff
|| | | "ChargeValuesPublish" = No
|| | | "APTPDCEnable" = Yes
|| | | "APTPanicOnChargeParity" = No
|| | | "NormalModeActive" = Yes
|| | | "PixelCaptureConfig" = 0x0
|| | | "ADCLLoadAll" = No
|| | | "FFR_table_index" = 0x0
|| | | "VideoClock" = 0x0
|| | | "DispPerfState" = 0x0
|| | | "APTEnableDefaultGray" = Yes
|| | | "BacklightMatching" = {"IOPropertyMatch"={"backlight-control"=Yes}}
|| | | "QMSVRREnableConfig" = 0x0
|| | | "IOMFBDisplayRefresh" =
{"displayRefreshStepMachTime"=0x0,"displayRefreshStep"=0x0,"displayMaxRefreshInterval"=0xaaaaaaa,"displayMinRefre
shInterval"=0x4444444,"displayMinRefreshIntervalMachTime"=0x61a70,"displayMaxRefreshIntervalMachTime"=0xf4230}
|| | | "DisplayClock" = 0x0
|| | | "PDCSaveRepeatUnstablePCC" = No
|| | | "defaultTemperatureCorrectionValue" = 0xffffffffffffffff
|| | | "enableDither" = Yes
|| | | "IONameMatch" = ("disp0,t8103","dispext0,t8103")
|| | | "IOMFBSupportsXFlip" = Yes
|| | | "SystemConsoleMode" = No
|| | | "W40a_Blending_OK" = 0x1
|| | | "RuntimeProperty::frameInfoTraceEnable" = No
|| | | "SupportsAOT1HzOptimizations" = No
|| | | "AOTEnableOffTimestamp" = 0x3a2d094b42c
|| | | "IOMFBBrightnessLevelMA" = 0xffffffffffffffff
|| | | "APTEnableCA" = No
|| | | "bics_mode" = 0x0
|| | | "BlendPixelCaptureLocation" = 0x1
|| | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | "TemperatureStructVersion2D" = 0x1
|| | | "APTEventsMask" = 0x0
|| | | "DisplayPipePlaneBaseAlignment" =
{"DefaultStride"=0x0,"LinearX_Alignment"=0x40,"LinearY_Alignment"=0x1,"PlaneBaseAlignmentLinear"=0x40}
|| | | "Panel_ID" =
"GMG1521037XNR89AM+00000000D416C2+PROD+Y000000000000+00000000000000000000000000+P022M1108PS
3111004+6758BKH46T002142TTCYYK11D07A85561+S688688RG5S688688RG5S688688RG5S688688R"
|| | | "enable2DTemperatureCorrection" = No
|| | | "uniformity2D" = No
|| | | "IOMFBSecureContentFactor" = 0x10000
|| | | "APTEnableCDFD" = No
|| | | "IONameMatched" = "dispext0,t8103"
|| | | "ProxScanPosition" = 0x0
|| | |}
|| |
|| | +-o IOMobileFramebufferUserClient <class IOMobileFramebufferUserClient, id 0x100000abf, !registered, !
matched, active, busy 0, retain 5>
|| | | {
|| | | "IOUserClientCreator" = "pid 385, WindowServer"
|| | | }
|| |
|| | +-o IOMobileFramebufferUserClient <class IOMobileFramebufferUserClient, id 0x100000ac2, !registered, !
matched, active, busy 0, retain 5>
|| | {
|| | "IOUserClientCreator" = "pid 385, WindowServer"
|| | }
|| |
|| +-o dart-dispext0@71304000 <class AppleARMIODevice, id 0x1000002cf, registered, matched, active, busy 0 (304
ms), retain 10>
|| ||{
|| || "page-size" = <00400000>

|| || "l2-tt-4" = <00c0eaff0900000002000000000000000>
|| || "error-reflector" = <00c0ff3c02000000>
|| || "interrupt-parent" = <67000000>
|| || "dart-id" = <0d000000>
|| || "interrupts" = <e1010000>
|| || "real-time" = <>
|| || "sids" = <11800000>
|| || "clock-gates" = <>
|| || "IOInterruptControllers" = ("IOInterruptController00000067")
|| || "smmu-clock-gating" = <>
|| || "vm-size" = <000000fc>
|| || "bypass-address" = <0000000000000000000000000008000002>
|| || "pt-region-4" = <00c0eaff090000000040ebff09000000>
|| || "diag-config" = <00210080>
|| || "allow-pte-remap" = <>
|| || "tlb-invalid-refetch" = <>
|| || "AAPL,phandle" = <cd000000>
|| || "ignore-inconsistent-hw-locks" = <>
|| || "name" = <646172742d646973706578743000>
|| || "power-gates" = <>
|| || "bypass" = <00800000>
|| || "IODeviceMemory" = ((({"address"=0x271304000,"length"=0x4000}),
({"address"=0x271300000,"length"=0x4000}))
|| || "instance" = <54524144444152540000000000554d4d53534d4d5500000000>
|| || "device_type" = <6461727400>
|| || "compatible" = <646172742c743830323000>
|| || "dart-options" = <45000000>
|| || "l2-tt-0" = <00c0edff0900000002000000000000000>
|| || "IOReportLegendPublic" = Yes
|| || "vm-base" = <00000000>
|| || "reg" = <004030710000000004000000000000000003071000000004000000000000000>
|| || "never-lock" = <>
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "IOInterruptSpecifiers" = (<e1010000>)
|| || "pt-region-0" = <00c0edff090000000040f0ff09000000>
|| ||}
|| ||
|| +-o AppleT8020DART <class AppleT8020DART, id 0x100000387, registered, matched, active, busy 0 (138 ms),
retain 18>
|| | |{
|| | | "IOClass" = "AppleT8020DART"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOPlatformActiveAction" = 0x13880
|| | | "noncompliant-dead-mappings" = No
|| | | "IOPlatformSleepAction" = 0x13880
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = "dart,t8020"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IOUserClientClass" = "IODARTClient"
|| | | "IOFunctionParent000000CD" = <>
|| | | "IONameMatched" = "dart,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| | | "iommu-dart-identity" = <cd000000>
|| | |}
|| | |
|| | +-o mapper-dispext0@0 <class IODARTMapperNub, id 0x10000038e, registered, matched, active, busy 0 (138
ms), retain 8>
|| | ||{
|| | || "name" = <6d61707065722d646973706578743000>
|| | || "compatible" = <696f6d6d752d646172706d657200>
|| | || "iomd-cache-ttl" = <d0070000>
|| | || "iomd-cache-size" = <40000000>
|| | || "device_type" = <646172742d6d617070657200>
|| | || "reg" = <00000000>
|| | || "AAPL,phandle" = <ce000000>
|| | ||}
|| | ||
|| | +-o IODARTMapper <class IODARTMapper, id 0x100000513, registered, matched, active, busy 0 (75 ms), retain
41>
|| | | {
|| | | "IOClass" = "IODARTMapper"
|| | | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | | "IOProviderClass" = "IODARTMapperNub"
|| | | "iommu-dart-translation" = Yes
|| | | "IOUserClientClass" = "IODARTMapperClient"
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = "iommu-mapper"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IONameMatched" = "iommu-mapper"
|| | | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | | "IOMapperID" = <ce000000>

```
|| | |     "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | |   }
|| | |
|| | +-o mapper-dispext0-piodma@4  <class IODARTMapperNub, id 0x100000399, registered, matched, active, busy
0 (92 ms), retain 8>
|| | | {
|| | | | "name" = <6d61707065722d64697370657874302d70696f646d6100>
|| | | | "compatible" = <696f6d6d752d6d617070657200>
|| | | | "iomd-cache-ttl" = <d0070000>
|| | | | "iomd-cache-size" = <40000000>
|| | | | "device_type" = <646172742d6d617070657200>
|| | | | "reg" = <04000000>
|| | | | "AAPL,phandle" = <cf000000>
|| | | | }
|| | |
|| | +-o IODARTMapper  <class IODARTMapper, id 0x100000518, registered, matched, active, busy 0 (30 ms), retain
20>
|| | |    {
|| | |     "IOClass" = "IODARTMapper"
|| | |     "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | |     "IOProviderClass" = "IODARTMapperNub"
|| | |     "iommu-dart-translation" = Yes
|| | |     "IOUserClientClass" = "IODARTMapperClient"
|| | |     "IOProbeScore" = 0x0
|| | |     "IONameMatch" = "iommu-mapper"
|| | |     "IOMatchedAtBoot" = Yes
|| | |     "IOMatchCategory" = "IODefaultMatchCategory"
|| | |     "IONameMatched" = "iommu-mapper"
|| | |     "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | |     "IOMapperID" = <cf000000>
|| | |     "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | |    }
|| |
|| +-o dcpext-expert  <class AppleARMIODevice, id 0x1000002d0, registered, matched, active, busy 0 (257 ms), retain
8>
|| | | {
|| | | "compatible" = <6463702d6578706572742d763100>
|| | | "device_type" = <6463702d657870657274400>
|| | | "join-power-plane" = <01000000>
|| | | "name" = <6463706578742d6463702d657870657274400>
|| | | "role" = <44435045585400>
|| | | "AAPL,phandle" = <d0000000>
|| | | }
|| | |
|| | +-o AppleDCPExpert  <class AppleDCPExpert, id 0x100000340, registered, matched, active, busy 0 (2 ms), retain
36>
|| | |    {
|| | |     "IOClass" = "AppleDCPExpert"
|| | |     "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| | |     "IOProviderClass" = "AppleARMIODevice"
|| | |     "IOFunctionParent000000D0" = <>
|| | |     "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x2,"MaxPowerState"=0
x1}
|| | |     "DCPExpertPowerState" = 0x1
|| | |     "IOProbeScore" = 0x0
|| | |     "IONameMatch" = "dcp-expert-v1"
|| | |     "IOMatchedAtBoot" = Yes
|| | |     "IOMatchCategory" = "IODefaultMatchCategory"
|| | |     "DCPPowerState" = 0x0
|| | |     "DCPPowerAssertionCount" = 0x0
|| | |     "BootComplete" = Yes
|| | |     "DCPPowerRetained" = No
|| | |     "IONameMatched" = "dcp-expert-v1"
|| | |     "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| | |     "role" = "DCPEXT"
|| | |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| | |     "DebugState" = ()
|| | |    }
|| |
|| +-o dcpext@71C00000  <class AppleARMIODevice, id 0x1000002d1, registered, matched, active, busy 0 (1109 ms),
retain 9>
|| | | {
|| | | "IOInterruptSpecifiers" = (<d3010000>,<d2010000>,<d5010000>,<d4010000>)
|| | | "hdcp-channels" = <0500000006000000>
|| | | "iop-version" = <01000000>
|| | | "clock-gates" = <9101000092010000093010000>
|| | | "AAPL,phandle" = <d1000000>
|| | | "IODeviceMemory" = (({"address"=0x271c00000,"length"=0x6c000}),
({"address"=0x271850000,"length"=0x4000}))
|| | | "IOReportLegendPublic" = Yes
|| | | "dp-switch-parent" = <5d000000>
|| | | "iommu-parent" = <d4000000>
|| | | "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptControlle
r00000067")
|| | | "name" = <64637065787400>
|| | | "interrupt-parent" = <67000000>
|| | | "compatible" = <696f702c617363777261702d763400>
|| | | "clock-ids" = <>
```

```
|| || "interrupts" = <d3010000d2010000d5010000d4010000>
|| || "hdcp-parent" = <88000000>
|| || "audio" = <d5000000>
|| || "dp-switch-ufp-endpoint" = <00000000>
|| || "dp-switch-ufp-port" = <00000000>
|| || "dcp-soc-vmax-index" = <0100000002000000>
|| || "role" = <44435045585400>
|| || "truncate-dvas" = <>
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200020000,0x100020001,"        First Level Interrupt Handler Count"),
(0x496e747200020001,0x100020001,"       Second Level Interrupt Handler Count"),
(0x496e747200020002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200020003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200020004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "device_type" = <64637000>
|| || "power-gates" = <910100009201000093010000>
|| || "reg" = <0000c0710000000000c0060000000000000000857100000000000040000000000000>
|| ||}
|| ||
|| |+-o AppleASCWrapV4  <class AppleASCWrapV4, id 0x10000033f, !registered, !matched, active, busy 0 (910 ms),
retain 5>
|| | |{
|| | |  "IOProbeScore" = 0x0
|| | |  "CFBundleIdentifier" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
|| | |  "IOProviderClass" = "AppleARMIODevice"
|| | |  "IOClass" = "AppleASCWrapV4"
|| | |  "IOPersonalityPublisher" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
|| | |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
|| | |  "IOMatchedAtBoot" = Yes
|| | |  "IONameMatch" = "iop,ascwrap-v4"
|| | |  "IOMatchCategory" = "IODefaultMatchCategory"
|| | |  "IONameMatched" = "iop,ascwrap-v4"
|| | |  "role" = "DCPEXT"
|| | |}
|| | |
|| | +-o iop-dcpext-nub  <class AppleA7IOPNub, id 0x1000003f8, registered, matched, active, busy 0 (910 ms), retain
7>
|| | |{
|| | |  "uuid" = <34384539413138382d373735422d334337432d423837392d3844423233453938303064483000>
|| | |  "segment-names" = <5f5f544558543b5f5f444154413b5f5f4535f4c4f473b756e6b6e6f776e00>
|| | |  "quiesced" = <>
|| | |  "compatible" = <696f702d6e75622c727462756464792d763200>
|| | |  "coredump-enable" = <40000000>
|| | |  "AAPL,phandle" = <d2000000>
|| | |  "pre-loaded" = <01000000>
|| | |  "asc-dram-mask" = <000000000f000000>
|| | |  "running" = <01000000>
|| | |  "no-firmware-service" = <>
|| | |  "KDebugCoreID" = 0xc
|| | |  "external-index" = <01000000>
|| | |  "cold-boot-after-hibernate" = <>
|| | |  "watchdog-enable" = <>
|| | |  "segment-ranges" =
<000022000800000000000000000000000000002200080000000010700003000000008033e20900000000010700000000
0000000000000f0000000000030000000000000040330c080000000010a000000000000040330c080000000020020000
a000000008033e109000000ffffffffffffffff000030000f000000000000000102000000>
|| | |  "coredump-rel-privacy-approved" = <>
|| | |  "name" = <696f702d6463706578742d6e756200>
|| | |  "user-power-managed" = <01000000>
|| | |}
|| | |
|| | +-o RTBuddy(DCPEXT)  <class RTBuddy, id 0x100000404, registered, matched, active, busy 0 (907 ms), retain
48>
|| | |{
|| | |  "IOClass" = "RTBuddy"
|| | |  "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
|| | |  "IOProviderClass" = "AppleA7IOPNub"
|| | |  "IOPlatformPanicAction" = 0x15ba8
|| | |  "IOUserClientClass" = "RTBuddyUserClient"
|| | |  "IOProbeScore" = 0x0
|| | |  "IONameMatch" = "iop-nub,rtbuddy-v2"
|| | |  "IOMatchedAtBoot" = Yes
|| | |  "IOMatchCategory" = "IODefaultMatchCategory"
|| | |  "IOReportLegend" =
({"IOReportGroupName"="DCPEXT","IOReportChannels"=((0x5254537475730000,0x900020002,"status")),"IOReportCha
nnelInfo"={"IOReportChannelUnit"=0x100007980000018},"IOReportSubGroupName"="IOP State"})
|| | |  "IOReportLegendPublic" = Yes
|| | |  "IOHibernateState" = <00000000>
|| | |  "IONameMatched" = "iop-nub,rtbuddy-v2"
|| | |  "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
|| | |  "role" = "DCPEXT"
|| | |  "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
|| | |  "RTBuddyRouteProviderKey" = <d2000000>
|| | |}
|| | |
|| | +-o RTBuddyIOReportingEndpoint  <class RTBuddyIOReportingEndpoint, id 0x10000040b, registered, matched,
active, busy 0 (40 ms), retain 7>
|| | | {
|| | |   "IOReportLegend" =
({"IOReportGroupName"="DCPEXT","IOReportChannels"=((0x5254494f75636e00,0x180000001,"update count"),
```

(0x5254494f6c757000,0x180000001,"last
update"))},"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="IO Reporting statistics"},
{"IOReportGroupName"="DCPEXT","IOReportChannels"=((0x525444757479436c,0x100020001,"Duty
cycle"))},"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="Power"},
{"IOReportGroupName"="DCPEXT","IOReportChannels"=((0x5254536c70436e74,0x10002000$
    || | | "IOReportLegendPublic" = Yes
    || | | }
    || | |
    || | +-o DCPEXTEndpoint1 <class RTBuddyEndpointService, id 0x10000040c, registered, matched, active, busy 0
(45 ms), retain 7>
    || | ||{
    || | ||}
    || | ||
    || | |+-o AFKDCPEXTEndpoint1 <class DCPEndpointV2, id 0x100000553, registered, matched, active, busy 0 (9
ms), retain 8>
    || | ||{
    || | | | "IOClass" = "DCPEndpointV2"
    || | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
    || | | | "IOProviderClass" = "RTBuddyEndpointService"
    || | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
    || | | | "IOProbeScore" = 0x1
    || | | | "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
    || | | | "IOMatchedAtBoot" = Yes
    || | | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | | "IdleLowPower" = Yes
    || | | | "IONameMatched" = "DCPEXTEndpoint1"
    || | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
    || | | | "IOProviderMergeProperties" = {"dcp-ep"=Yes}
    || | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
    || | | | "role" = "DCPEXT"
    || | | |}
    || | |
    || | +-o AFKEPInterfaceServiceKextV2 <class AFKEPInterfaceServiceKextV2, id 0x100000557, registered,
matched, active, busy 0 (8 ms), retain 10>
    || | |{
    || | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
    || | | | "IOProviderClass" = "RTBuddyEndpointService"
    || | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
    || | | | "IOProbeScore" = 0x1
    || | | | "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
    || | | | "IOMatchedAtBoot" = Yes
    || | | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | | "IdleLowPower" = Yes
    || | | | "IONameMatched" = "DCPEXTEndpoint1"
    || | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
    || | | | "IOProviderMergeProperties" = {"dcp-ep"=Yes}
    || | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
    || | | | "role" = "DCPEXT"
    || | | | "DebugState" = {"events"=(),"publish-events"=0x2,"termination-events"=0x0}
    || | | |}
    || | |
    || | +-o system <class AFKEPInterfaceKextV2, id 0x100000561, registered, matched, active, busy 0 (7 ms),
retain 7>
    || | | {
    || | | | "reg-stream-block-size" = 0x800
    || | | | "system-service" = Yes
    || | | | "interface-id" = 0x1
    || | | | "role" = "DCPEXT"
    || | | | "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"
TimeSinceLastTickle"=0x81441c,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
    || | | | "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x0,"state"=0x3,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x0,"enqueued-commands"=0x0,"isOpen"=0x0,"enqueued-
responses"=0x0,"handled-responses"=0x0}
    || | | | "ep-has-desc-mgr" = Yes
    || | | | }
    || | | |
    || | +-o powerlog-service <class AFKEPInterfaceKextV2, id 0x100000563, registered, matched, active, busy 0
(0 ms), retain 7>
    || | | {
    || | | "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x0,"state"=0x3,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x0,"enqueued-commands"=0x0,"isOpen"=0x0,"enqueued-
responses"=0x0,"handled-responses"=0x0}
    || | | "interface-id" = 0x3

```
|| |   |        "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,
TimeSinceLastTickle"=0x81441c,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
|| |   |        "role" = "DCPEXT"
|| |   |        "ep-has-desc-mgr" = Yes
|| |   |      }
|| |   |
|| |   +-o DCPEXTEndpoint2  <class RTBuddyEndpointService, id 0x10000040d, registered, matched, active, busy 0
(76 ms), retain 7>
|| |   ||{
|| |   ||}
|| |   ||
|| |   | +-o AFKDCPEXTEndpoint2  <class DCPEndpointV2, id 0x100000552, registered, matched, active, busy 0 (20
ms), retain 8>
|| |   | |{
|| |   | |  "IOClass" = "DCPEndpointV2"
|| |   | |  "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |   | |  "IOProviderClass" = "RTBuddyEndpointService"
|| |   | |  "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
|| |   | |  "IOProbeScore" = 0x1
|| |   | |  "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
|| |   | |  "IOMatchedAtBoot" = Yes
|| |   | |  "IOMatchCategory" = "IODefaultMatchCategory"
|| |   | |  "IdleLowPower" = Yes
|| |   | |  "IONameMatched" = "DCPEXTEndpoint2"
|| |   | |  "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |   | |  "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |   | |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |   | |  "role" = "DCPEXT"
|| |   | |}
|| |   | |
|| |   | +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x1000005c5, registered,
matched, active, busy 0 (20 ms), retain 6>
|| |   |   {
|| |   |     "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |   |     "IOProviderClass" = "RTBuddyEndpointService"
|| |   |     "IOPowerManagement" =
{"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0x0}
|| |   |     "IOProbeScore" = 0x1
|| |   |     "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
|| |   |     "IOMatchedAtBoot" = Yes
|| |   |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |     "IdleLowPower" = Yes
|| |   |     "IONameMatched" = "DCPEXTEndpoint2"
|| |   |     "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |   |     "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |   |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |   |     "role" = "DCPEXT"
|| |   |     "DebugState" = {"events"=(),"publish-events"=0x0,"termination-events"=0x0}
|| |   |   }
|| |   |
|| |   +-o DCPEXTEndpoint3  <class RTBuddyEndpointService, id 0x10000040e, registered, matched, active, busy 0
(48 ms), retain 7>
|| |   ||{
|| |   ||}
|| |   ||
|| |   | +-o AFKDCPEXTEndpoint3  <class DCPEndpointV2, id 0x10000055e, registered, matched, active, busy 0 (1
ms), retain 8>
|| |   | |{
|| |   | |  "IOClass" = "DCPEndpointV2"
|| |   | |  "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |   | |  "IOProviderClass" = "RTBuddyEndpointService"
|| |   | |  "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
|| |   | |  "IOProbeScore" = 0x1
|| |   | |  "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
|| |   | |  "IOMatchedAtBoot" = Yes
|| |   | |  "IOMatchCategory" = "IODefaultMatchCategory"
|| |   | |  "IdleLowPower" = Yes
|| |   | |  "IONameMatched" = "DCPEXTEndpoint3"
|| |   | |  "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |   | |  "IOProviderMergeProperties" = {"dcp-ep"=Yes}
```

```
|| |     | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |     | | "role" = "DCPEXT"
|| |     | |}
|| |     | |
|| |     | +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x100000586, registered,
matched, active, busy 0 (1 ms), retain 8>
|| |     | |{
|| |     | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |     | | "IOProviderClass" = "RTBuddyEndpointService"
|| |     | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
|| |     | | "IOProbeScore" = 0x1
|| |     | | "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
|| |     | | "IOMatchedAtBoot" = Yes
|| |     | | "IOMatchCategory" = "IODefaultMatchCategory"
|| |     | | "IdleLowPower" = Yes
|| |     | | "IONameMatched" = "DCPEXTEndpoint3"
|| |     | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |     | | "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |     | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |     | | "role" = "DCPEXT"
|| |     | | "DebugState" = {"events"=(),"publish-events"=0x1,"termination-events"=0x0}
|| |     | |}
|| |     | |
|| |     | +-o dcpexpert-service  <class AFKEPInterfaceKextV2, id 0x10000058a, registered, matched, active, busy 0
(1 ms), retain 7>
|| |     |   {
|| |     |     "interface-id" = 0x1
|| |     |     "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"
TimeSinceLastTickle"=0x81441d,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
|| |     |     "role" = "DCPEXT"
|| |     |     "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x0,"state"=0x3,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x0,"enqueued-commands"=0x0,"isOpen"=0x0,"enqueued-
responses"=0x0,"handled-responses"=0x0}
|| |     |   }
|| |     |
|| |     +-o DCPEXTEndpoint4  <class RTBuddyEndpointService, id 0x10000040f, registered, matched, active, busy 0
(83 ms), retain 7>
|| |     ||{
|| |     ||}
|| |     ||
|| |     |+-o AFKDCPEXTEndpoint4  <class DCPEndpointV2, id 0x100000551, registered, matched, active, busy 0 (30
ms), retain 8>
|| |     | |{
|| |     | | "IOClass" = "DCPEndpointV2"
|| |     | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |     | | "IOProviderClass" = "RTBuddyEndpointService"
|| |     | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
|| |     | | "IOProbeScore" = 0x1
|| |     | | "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
|| |     | | "IOMatchedAtBoot" = Yes
|| |     | | "IOMatchCategory" = "IODefaultMatchCategory"
|| |     | | "IdleLowPower" = Yes
|| |     | | "IONameMatched" = "DCPEXTEndpoint4"
|| |     | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |     | | "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |     | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |     | | "role" = "DCPEXT"
|| |     | |}
|| |     | |
|| |     | +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x10000058d, registered,
matched, active, busy 0 (31 ms), retain 8>
|| |     | |{
|| |     | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |     | | "IOProviderClass" = "RTBuddyEndpointService"
|| |     | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
|| |     | | "IOProbeScore" = 0x1
|| |     | | "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
```

```
|| |   |   | "IOMatchedAtBoot" = Yes
|| |   |   | "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |   | "IdleLowPower" = Yes
|| |   |   | "IONameMatched" = "DCPEXTEndpoint4"
|| |   |   | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |   |   | "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |   |   | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |   |   | "role" = "DCPEXT"
|| |   |   | "DebugState" = {"events"=(),"publish-events"=0x1,"termination-events"=0x0}
|| |   |   |}
|| |   |
|| |   +-o disp0-service  <class AFKEPInterfaceKextV2, id 0x100000591, registered, matched, active, busy 0 (29
ms), retain 7>
|| |   |   {
|| |   |     "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x0,"state"=0x3,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x0,"enqueued-commands"=0x0,"isOpen"=0x0,"enqueued-
responses"=0x0,"handled-responses"=0x0}
|| |   |     "interface-id" = 0x1
|| |   |     "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"
TimeSinceLastTickle"=0x81441d,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
|| |   |     "role" = "DCPEXT"
|| |   |     "ep-has-desc-mgr" = Yes
|| |   |   }
|| |   |
|| |   +-o DCPEXTEndpoint5  <class RTBuddyEndpointService, id 0x100000410, registered, matched, active, busy 0
(50 ms), retain 7>
|| |   ||{
|| |   ||}
|| |   ||
|| |   |+-o AFKDCPEXTEndpoint5  <class DCPEndpointV2, id 0x10000055d, registered, matched, active, busy 0 (9
ms), retain 8>
|| |   | |{
|| |   | | "IOClass" = "DCPEndpointV2"
|| |   | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |   | | "IOProviderClass" = "RTBuddyEndpointService"
|| |   | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
|| |   | | "IOProbeScore" = 0x1
|| |   | | "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
|| |   | | "IOMatchedAtBoot" = Yes
|| |   | | "IOMatchCategory" = "IODefaultMatchCategory"
|| |   | | "IdleLowPower" = Yes
|| |   | | "IONameMatched" = "DCPEXTEndpoint5"
|| |   | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |   | | "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |   | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |   | | "role" = "DCPEXT"
|| |   | |}
|| |   | |
|| |   | +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x100000567, registered,
matched, active, busy 0 (8 ms), retain 14>
|| |   | | |{
|| |   | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |   | | | "IOProviderClass" = "RTBuddyEndpointService"
|| |   | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
|| |   | | | "IOProbeScore" = 0x1
|| |   | | | "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
|| |   | | | "IOMatchedAtBoot" = Yes
|| |   | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| |   | | | "IdleLowPower" = Yes
|| |   | | | "IONameMatched" = "DCPEXTEndpoint5"
|| |   | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |   | | | "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |   | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |   | | | "role" = "DCPEXT"
|| |   | | | "DebugState" = {"events"=(),"publish-events"=0x4,"termination-events"=0x0}
|| |   | | |}
|| |   | | |
|| |   | | +-o dispext0:dcpav-controller-epic:  <class AFKEPInterfaceKextV2, id 0x100000570, registered, matched,
active, busy 0 (4 ms), retain 8>
|| |   | | ||{
|| |   | | || "ep-has-desc-mgr" = Yes
|| |   | | || "EPICProviderClass" = "AppleDCPDPTXController"
|| |   | | || "EPICLocation" = "External"
|| |   | | || "interface-id" = 0x1
```

```
|| |   |   | ||    "EPICUnit" = 0x0
|| |   |   | ||    "role" = "DCPEXT"
|| |   |   | ||    "interface-name" = "dispext0:dcpav-controller-epic:0"
|| |   |   | ||    "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"
TimeSinceLastTickle"=0x81441d,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
|| |   |   | ||    "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x4f,"state"=0x3,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x1,"enqueued-commands"=0x1,"isOpen"=0x1,"enqueued-
responses"=0x0,"handled-responses"=0x1}
|| |   |   | ||    "EPICName" = "dcpav-controller-epic"
|| |   |   | ||}
|| |   |   | ||
|| |   |   | +-o DCPAVControllerProxy  <class DCPAVControllerProxy, id 0x100000579, registered, matched, active,
busy 0 (0 ms), retain 6>
|| |   |   |   {
|| |   |   |     "IOClass" = "DCPAVControllerProxy"
|| |   |   |     "CFBundleIdentifier" = "com.apple.driver.DCPAVFamilyProxy"
|| |   |   |     "IOProviderClass" = "AFKEndpointInterface"
|| |   |   |     "IOPropertyMatch" = {"EPICName"="dcpav-controller-epic"}
|| |   |   |     "IOUserClientClass" = "DCPAVControllerProxyUserClient"
|| |   |   |     "IOProbeScore" = 0x0
|| |   |   |     "IOMatchedAtBoot" = Yes
|| |   |   |     "Location" = "External"
|| |   |   |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |   |     "Unit" = 0x0
|| |   |   |     "IOPersonalityPublisher" = "com.apple.driver.DCPAVFamilyProxy"
|| |   |   |     "CFBundleIdentifierKernel" = "com.apple.driver.DCPAVFamilyProxy"
|| |   |   |     "IOAVControllerUserInterfaceSupported" = Yes
|| |   |   |   }
|| |   |   |
|| |   |   +-o dispext0:dcpdp-controller-epic:  <class AFKEPInterfaceKextV2, id 0x100000573, registered, matched,
active, busy 0 (3 ms), retain 8>
|| |   |   | |{
|| |   |   | |   "ep-has-desc-mgr" = Yes
|| |   |   | |   "EPICProviderClass" = "AppleDCPDPTXController"
|| |   |   | |   "EPICLocation" = "External"
|| |   |   | |   "interface-id" = 0x3
|| |   |   | |   "EPICUnit" = 0x0
|| |   |   | |   "role" = "DCPEXT"
|| |   |   | |   "interface-name" = "dispext0:dcpdp-controller-epic:0"
|| |   |   | |   "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"
TimeSinceLastTickle"=0x81441e,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
|| |   |   | |   "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x4f,"state"=0x3,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x1,"enqueued-commands"=0x0,"isOpen"=0x1,"enqueued-
responses"=0x0,"handled-responses"=0x0}
|| |   |   | |   "EPICName" = "dcpdp-controller-epic"
|| |   |   | |}
|| |   |   | |
|| |   |   | +-o DCPDPControllerProxy  <class DCPDPControllerProxy, id 0x10000057c, registered, matched, active,
busy 0 (0 ms), retain 6>
|| |   |   |   {
|| |   |   |     "IOClass" = "DCPDPControllerProxy"
|| |   |   |     "CFBundleIdentifier" = "com.apple.driver.DCPDPFamilyProxy"
|| |   |   |     "IOProviderClass" = "AFKEndpointInterface"
|| |   |   |     "IOPropertyMatch" = {"EPICName"="dcpdp-controller-epic"}
|| |   |   |     "IOUserClientClass" = "DCPDPControllerProxyUserClient"
|| |   |   |     "IOProbeScore" = 0x0
|| |   |   |     "IOMatchedAtBoot" = Yes
|| |   |   |     "Location" = "External"
|| |   |   |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |   |     "Unit" = 0x0
|| |   |   |     "IOPersonalityPublisher" = "com.apple.driver.DCPDPFamilyProxy"
|| |   |   |     "IODPControllerUserInterfaceSupported" = Yes
|| |   |   |     "CFBundleIdentifierKernel" = "com.apple.driver.DCPDPFamilyProxy"
|| |   |   |   }
|| |   |   |
|| |   |   +-o dispext0:dcpav-controller-epic:  <class AFKEPInterfaceKextV2, id 0x100000577, registered, matched,
active, busy 0 (3 ms), retain 8>
|| |   |   | |{
|| |   |   | |   "ep-has-desc-mgr" = Yes
|| |   |   | |   "EPICProviderClass" = "AppleDCPDPTXController"
|| |   |   | |   "EPICLocation" = "External"
|| |   |   | |   "interface-id" = 0x5
|| |   |   | |   "EPICUnit" = 0x1
|| |   |   | |   "role" = "DCPEXT"
|| |   |   | |   "interface-name" = "dispext0:dcpav-controller-epic:1"
|| |   |   | |   "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"
TimeSinceLastTickle"=0x81441e,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
|| |   |   | |   "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x0,"state"=0x3,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x1,"enqueued-commands"=0x1,"isOpen"=0x1,"enqueued-
responses"=0x0,"handled-responses"=0x1}
|| |   |   | |   "EPICName" = "dcpav-controller-epic"
|| |   |   | |}
|| |   |   | |
|| |   |   | +-o DCPAVControllerProxy  <class DCPAVControllerProxy, id 0x10000057d, registered, matched, active,
```

busy 0 (0 ms), retain 6>
```
|| |   |   |   {
|| |   |   |     "IOClass" = "DCPAVControllerProxy"
|| |   |   |     "CFBundleIdentifier" = "com.apple.driver.DCPAVFamilyProxy"
|| |   |   |     "IOProviderClass" = "AFKEndpointInterface"
|| |   |   |     "IOPropertyMatch" = {"EPICName"="dcpav-controller-epic"}
|| |   |   |     "IOUserClientClass" = "DCPAVControllerProxyUserClient"
|| |   |   |     "IOProbeScore" = 0x0
|| |   |   |     "IOMatchedAtBoot" = Yes
|| |   |   |     "Location" = "External"
|| |   |   |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |   |     "Unit" = 0x1
|| |   |   |     "IOPersonalityPublisher" = "com.apple.driver.DCPAVFamilyProxy"
|| |   |   |     "CFBundleIdentifierKernel" = "com.apple.driver.DCPAVFamilyProxy"
|| |   |   |     "IOAVControllerUserInterfaceSupported" = Yes
|| |   |   |   }
|| |   |   |
|| |   |   +-o dispext0:dcpdp-controller-epic:  <class AFKEPInterfaceKextV2, id 0x10000057a, registered, matched,
```
active, busy 0 (5 ms), retain 8>
```
|| |   |   |  {
|| |   |   |     "ep-has-desc-mgr" = Yes
|| |   |   |     "EPICProviderClass" = "AppleDCPDPTXController"
|| |   |   |     "EPICLocation" = "External"
|| |   |   |     "interface-id" = 0x7
|| |   |   |     "EPICUnit" = 0x1
|| |   |   |     "role" = "DCPEXT"
|| |   |   |     "interface-name" = "dispext0:dcpdp-controller-epic:1"
|| |   |   |     "IOPowerManagement" =
```
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"
TimeSinceLastTickle"=0x81441e,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
```
|| |   |   |     "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
```
reports"=0x0,"state"=0x3,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x1,"enqueued-commands"=0x0,"isOpen"=0x1,"enqueued-
responses"=0x0,"handled-responses"=0x0}
```
|| |   |   |     "EPICName" = "dcpdp-controller-epic"
|| |   |   |  }
|| |   |   |
|| |   |   +-o DCPDPControllerProxy  <class DCPDPControllerProxy, id 0x10000057f, registered, matched, active,
```
busy 0 (4 ms), retain 6>
```
|| |   |         {
|| |   |           "IOClass" = "DCPDPControllerProxy"
|| |   |           "CFBundleIdentifier" = "com.apple.driver.DCPDPFamilyProxy"
|| |   |           "IOProviderClass" = "AFKEndpointInterface"
|| |   |           "IOPropertyMatch" = {"EPICName"="dcpdp-controller-epic"}
|| |   |           "IOUserClientClass" = "DCPDPControllerProxyUserClient"
|| |   |           "IOProbeScore" = 0x0
|| |   |           "IOMatchedAtBoot" = Yes
|| |   |           "Location" = "External"
|| |   |           "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |           "Unit" = 0x1
|| |   |           "IOPersonalityPublisher" = "com.apple.driver.DCPDPFamilyProxy"
|| |   |           "IODPControllerUserInterfaceSupported" = Yes
|| |   |           "CFBundleIdentifierKernel" = "com.apple.driver.DCPDPFamilyProxy"
|| |   |         }
|| |   |
|| |   +-o DCPEXTEndpoint6  <class RTBuddyEndpointService, id 0x100000411, registered, matched, active, busy 0
```
(56 ms), retain 7>
```
|| |   || {
|| |   || }
|| |   ||
|| |   | +-o AFKDCPEXTEndpoint6  <class DCPEndpointV2, id 0x100000521, registered, matched, active, busy 0 (27
```
ms), retain 8>
```
|| |   |  | {
|| |   |  |   "IOClass" = "DCPEndpointV2"
|| |   |  |   "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |   |  |   "IOProviderClass" = "RTBuddyEndpointService"
|| |   |  |   "IOPowerManagement" =
```
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
```
|| |   |  |   "IOProbeScore" = 0x1
|| |   |  |   "IONameMatch" =
```
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
```
|| |   |  |   "IOMatchedAtBoot" = Yes
|| |   |  |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |   |  |   "IdleLowPower" = Yes
|| |   |  |   "IONameMatched" = "DCPEXTEndpoint6"
|| |   |  |   "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |   |  |   "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |   |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |   |  |   "role" = "DCPEXT"
|| |   |  | }
|| |   |  |
|| |   |  +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x100000527, registered,
```
matched, active, busy 0 (11 ms), retain 6>
```
|| |   |     {
|| |   |       "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
```

```
|| | |       "IOProviderClass" = "RTBuddyEndpointService"
|| | |       "IOPowerManagement" =
{"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0x0}
|| | |       "IOProbeScore" = 0x1
|| | |       "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
|| | |       "IOMatchedAtBoot" = Yes
|| | |       "IOMatchCategory" = "IODefaultMatchCategory"
|| | |       "IdleLowPower" = Yes
|| | |       "IONameMatched" = "DCPEXTEndpoint6"
|| | |       "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| | |       "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| | |       "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| | |       "role" = "DCPEXT"
|| | |       "DebugState" = {"events"=(),"publish-events"=0x0,"termination-events"=0x0}
|| | |     }
|| | |
|| | +-o DCPEXTEndpoint7  <class RTBuddyEndpointService, id 0x100000412, registered, matched, active, busy 0
(57 ms), retain 7>
|| | | |{
|| | | |}
|| | | |
|| | | +-o AFKDCPEXTEndpoint7  <class DCPEndpointV2, id 0x100000523, registered, matched, active, busy 0 (27
ms), retain 8>
|| | |   |{
|| | |   |   "IOClass" = "DCPEndpointV2"
|| | |   |   "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| | |   |   "IOProviderClass" = "RTBuddyEndpointService"
|| | |   |   "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
|| | |   |   "IOProbeScore" = 0x1
|| | |   |   "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
|| | |   |   "IOMatchedAtBoot" = Yes
|| | |   |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | |   |   "IdleLowPower" = Yes
|| | |   |   "IONameMatched" = "DCPEXTEndpoint7"
|| | |   |   "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| | |   |   "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| | |   |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| | |   |   "role" = "DCPEXT"
|| | |   |}
|| | |   |
|| | |   +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x10000052a, registered,
matched, active, busy 0 (24 ms), retain 6>
|| | |       {
|| | |         "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| | |         "IOProviderClass" = "RTBuddyEndpointService"
|| | |         "IOPowerManagement" =
{"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0x0}
|| | |         "IOProbeScore" = 0x1
|| | |         "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
|| | |         "IOMatchedAtBoot" = Yes
|| | |         "IOMatchCategory" = "IODefaultMatchCategory"
|| | |         "IdleLowPower" = Yes
|| | |         "IONameMatched" = "DCPEXTEndpoint7"
|| | |         "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| | |         "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| | |         "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| | |         "role" = "DCPEXT"
|| | |         "DebugState" = {"events"=(),"publish-events"=0x0,"termination-events"=0x0}
|| | |       }
|| | |
|| | +-o DCPEXTEndpoint8  <class RTBuddyEndpointService, id 0x100000413, registered, matched, active, busy 0
(131 ms), retain 7>
|| | | |{
|| | | |}
|| | | |
|| | | +-o AFKDCPEXTEndpoint8  <class DCPEndpointV2, id 0x100000520, registered, matched, active, busy 0 (102
ms), retain 8>
|| | |   |{
|| | |   |   "IOClass" = "DCPEndpointV2"
|| | |   |   "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| | |   |   "IOProviderClass" = "RTBuddyEndpointService"
|| | |   |   "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
```

```
0x1,"DriverPowerState"=0x0}
    || |    | |  "IOProbeScore" = 0x1
    || |    | |  "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
    || |    | |  "IOMatchedAtBoot" = Yes
    || |    | |  "IOMatchCategory" = "IODefaultMatchCategory"
    || |    | |  "IdleLowPower" = Yes
    || |    | |  "IONameMatched" = "DCPEXTEndpoint8"
    || |    | |  "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
    || |    | |  "IOProviderMergeProperties" = {"dcp-ep"=Yes}
    || |    | |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
    || |    | |  "role" = "DCPEXT"
    || |    | |}
    || |    |
    || |    +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x100000524, registered,
matched, active, busy 0 (102 ms), retain 6>
    || |    |  {
    || |    |    "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
    || |    |    "IOProviderClass" = "RTBuddyEndpointService"
    || |    |    "IOPowerManagement" =
{"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0x0}
    || |    |    "IOProbeScore" = 0x1
    || |    |    "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
    || |    |    "IOMatchedAtBoot" = Yes
    || |    |    "IOMatchCategory" = "IODefaultMatchCategory"
    || |    |    "IdleLowPower" = Yes
    || |    |    "IONameMatched" = "DCPEXTEndpoint8"
    || |    |    "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
    || |    |    "IOProviderMergeProperties" = {"dcp-ep"=Yes}
    || |    |    "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
    || |    |    "role" = "DCPEXT"
    || |    |    "DebugState" = {"events"=(),"publish-events"=0x8,"termination-events"=0x8}
    || |    |  }
    || |    |
    || |    +-o DCPEXTEndpoint9  <class RTBuddyEndpointService, id 0x100000414, registered, matched, active, busy 0
(111 ms), retain 7>
    || |    ||{
    || |    ||}
    || |    ||
    || |    |+-o AFKDCPEXTEndpoint9  <class DCPEndpointV2, id 0x1000004f7, registered, matched, active, busy 0 (86
ms), retain 8>
    || |    | |{
    || |    | |  "IOClass" = "DCPEndpointV2"
    || |    | |  "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
    || |    | |  "IOProviderClass" = "RTBuddyEndpointService"
    || |    | |  "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
    || |    | |  "IOProbeScore" = 0x1
    || |    | |  "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
    || |    | |  "IOMatchedAtBoot" = Yes
    || |    | |  "IOMatchCategory" = "IODefaultMatchCategory"
    || |    | |  "IdleLowPower" = Yes
    || |    | |  "IONameMatched" = "DCPEXTEndpoint9"
    || |    | |  "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
    || |    | |  "IOProviderMergeProperties" = {"dcp-ep"=Yes}
    || |    | |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
    || |    | |  "role" = "DCPEXT"
    || |    | |}
    || |    |
    || |    | +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x1000004f9, registered,
matched, active, busy 0 (58 ms), retain 6>
    || |    |  {
    || |    |    "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
    || |    |    "IOProviderClass" = "RTBuddyEndpointService"
    || |    |    "IOPowerManagement" =
{"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0x0}
    || |    |    "IOProbeScore" = 0x1
    || |    |    "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
    || |    |    "IOMatchedAtBoot" = Yes
    || |    |    "IOMatchCategory" = "IODefaultMatchCategory"
```

```
|| |  |     "IdleLowPower" = Yes
|| |  |     "IONameMatched" = "DCPEXTEndpoint9"
|| |  |     "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |  |     "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |  |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |  |     "role" = "DCPEXT"
|| |  |     "DebugState" = {"events"=(),"publish-events"=0x8,"termination-events"=0x8}
|| |  |   }
|| |  |
|| |  +-o DCPEXTEndpoint10  <class RTBuddyEndpointService, id 0x100000415, registered, matched, active, busy 0
(262 ms), retain 7>
|| |  || {
|| |  || }
|| |  ||
|| |  | +-o AFKDCPEXTEndpoint10  <class DCPEndpointV2, id 0x1000004fd, registered, matched, active, busy 0 (233
ms), retain 8>
|| |  |  | {
|| |  |  |   "IOClass" = "DCPEndpointV2"
|| |  |  |   "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |  |  |   "IOProviderClass" = "RTBuddyEndpointService"
|| |  |  |   "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
|| |  |  |   "IOProbeScore" = 0x1
|| |  |  |   "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
|| |  |  |   "IOMatchedAtBoot" = Yes
|| |  |  |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |  |  |   "IdleLowPower" = Yes
|| |  |  |   "IONameMatched" = "DCPEXTEndpoint10"
|| |  |  |   "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |  |  |   "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |  |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |  |  |   "role" = "DCPEXT"
|| |  |  | }
|| |  |  |
|| |  |  +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x10000050b, registered,
matched, active, busy 0 (214 ms), retain 6>
|| |  |  |   {
|| |  |  |     "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |  |  |     "IOProviderClass" = "RTBuddyEndpointService"
|| |  |  |     "IOPowerManagement" =
{"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0x0}
|| |  |  |     "IOProbeScore" = 0x1
|| |  |  |     "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
|| |  |  |     "IOMatchedAtBoot" = Yes
|| |  |  |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |  |  |     "IdleLowPower" = Yes
|| |  |  |     "IONameMatched" = "DCPEXTEndpoint10"
|| |  |  |     "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |  |  |     "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |  |  |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |  |  |     "role" = "DCPEXT"
|| |  |  |     "DebugState" = {"events"=(),"publish-events"=0x8,"termination-events"=0x8}
|| |  |  |   }
|| |  |  |
|| |  +-o DCPEXTEndpoint11  <class RTBuddyEndpointService, id 0x100000416, registered, matched, active, busy 0
(106 ms), retain 7>
|| |  || {
|| |  || }
|| |  ||
|| |  | +-o AFKDCPEXTEndpoint11  <class DCPEndpointV2, id 0x10000051a, registered, matched, active, busy 0 (75
ms), retain 8>
|| |  |  | {
|| |  |  |   "IOClass" = "DCPEndpointV2"
|| |  |  |   "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |  |  |   "IOProviderClass" = "RTBuddyEndpointService"
|| |  |  |   "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
|| |  |  |   "IOProbeScore" = 0x1
|| |  |  |   "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
|| |  |  |   "IOMatchedAtBoot" = Yes
|| |  |  |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |  |  |   "IdleLowPower" = Yes
|| |  |  |   "IONameMatched" = "DCPEXTEndpoint11"
```

```
|| |    |  |   "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |    |  |   "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |    |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |    |  |   "role" = "DCPEXT"
|| |    |  |}
|| |    |  |
|| |    |  +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x100000534, registered,
matched, active, busy 0 (74 ms), retain 10>
|| |    |  |{
|| |    |  |   "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |    |  |   "IOProviderClass" = "RTBuddyEndpointService"
|| |    |  |   "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
|| |    |  |   "IOProbeScore" = 0x1
|| |    |  |   "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
|| |    |  |   "IOMatchedAtBoot" = Yes
|| |    |  |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |    |  |   "IdleLowPower" = Yes
|| |    |  |   "IONameMatched" = "DCPEXTEndpoint11"
|| |    |  |   "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |    |  |   "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |    |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |    |  |   "role" = "DCPEXT"
|| |    |  |   "DebugState" = {"events"=(),"publish-events"=0x2,"termination-events"=0x0}
|| |    |  |}
|| |    |  |
|| |    |  +-o dispext0:dcpdptx-port-epic:0  <class AFKEPInterfaceKextV2, id 0x10000053a, registered, matched,
active, busy 0 (62 ms), retain 9>
|| |    |  ||{
|| |    |  ||   "EPICProviderClass" = "AppleDCPDPTXRemotePort"
|| |    |  ||   "MaxActivePixelRate" = 0x4bf00000
|| |    |  ||   "MaxTotalPixelRate" = 0x508dc700
|| |    |  ||   "EPICLocation" = "External"
|| |    |  ||   "interface-id" = 0x1
|| |    |  ||   "MaxPixelWidth" = 0x1800
|| |    |  ||   "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"
TimeSinceLastTickle"=0x814420,"DriverPowerState"=0x0,"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0}
|| |    |  ||   "EPICUnit" = 0x0
|| |    |  ||   "EPICName" = "dcpdptx-port-epic"
|| |    |  ||   "role" = "DCPEXT"
|| |    |  ||   "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x0,"state"=0x3,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0xc7,"enqueued-reports"=0x1,"enqueued-commands"=0x19,"isOpen"=0x1,"enqueued-
responses"=0xc7,"handled-responses"=0x19}
|| |    |  ||   "ep-has-desc-mgr" = Yes
|| |    |  ||   "interface-name" = "dispext0:dcpdptx-port-epic:0"
|| |    |  ||}
|| |    |  ||
|| |    |  +-o AppleDCPDPTXRemotePortProxy  <class AppleDCPDPTXRemotePortProxy, id 0x100000549,
registered, matched, active, busy 0 (41 ms), retain 9>
|| |    |  |{
|| |    |  |   "IOClass" = "AppleDCPDPTXRemotePortProxy"
|| |    |  |   "CFBundleIdentifier" = "com.apple.driver.AppleDCPDPTXProxy"
|| |    |  |   "IOProviderClass" = "AFKEndpointInterface"
|| |    |  |   "IOPropertyMatch" = {"EPICName"="dcpdptx-port-epic"}
|| |    |  |   "IOPowerManagement" =
{"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
|| |    |  |   "IOProbeScore" = 0x0
|| |    |  |   "IOMatchedAtBoot" = Yes
|| |    |  |   "Location" = "External"
|| |    |  |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |    |  |   "Unit" = 0x0
|| |    |  |   "IOPersonalityPublisher" = "com.apple.driver.AppleDCPDPTXProxy"
|| |    |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCPDPTXProxy"
|| |    |  |}
|| |    |  |
|| |    |  +-o AppleDCPDPTXRemotePortUFP(iop-dcpext-nub)  <class AppleDCPDPTXRemotePortUFP, id
0x1000005d5, registered, matched, active, busy 0 (12 ms), retain 7>
|| |    |  {
|| |    |      "DisplayHints" = {}
|| |    |      "EventLog" =
({"EventPayload"={"State"="Registered","Value"=0x1},"EventRaw"=<210000001800000079a47f07000000000300000001
000000>,"EventTime"=0x77fa479,"EventClass"="SetState"},
{"EventPayload"={"QueueOp"="Enqueue","Action"="DisplayRequest"},"EventRaw"=<2000000018000000c8f7d5a1a70000
000000000001000000>,"EventTime"=0xa7a1d5f7c8,"EventClass"="SetAction"},
{"EventPayload"={"State"="SinkActive","Value"=0x1},"EventRaw"=<210000001800000a4f8d5a1a700000001000000010
00000>,"EventTime"=0xa7a1d5f8a4,"EventClass"="SetState"},{$
|| |    |      }
|| |    |  +-o dispext0:dcpdptx-port-epic:1  <class AFKEPInterfaceKextV2, id 0x100000544, registered, matched,
active, busy 0 (72 ms), retain 9>
|| |    |  |{
```

```
|| |    |    |    "EPICProviderClass" = "AppleDCPDPTXRemotePort"
|| |    |    |    "MaxActivePixelRate" = 0x4bf00000
|| |    |    |    "MaxTotalPixelRate" = 0x508dc700
|| |    |    |    "EPICLocation" = "External"
|| |    |    |    "interface-id" = 0x3
|| |    |    |    "MaxPixelWidth" = 0x1800
|| |    |    |    "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,
TimeSinceLastTickle"=0x814422,"DriverPowerState"=0x0,"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0}
|| |    |    |    "EPICUnit" = 0x1
|| |    |    |    "EPICName" = "dcpdptx-port-epic"
|| |    |    |    "role" = "DCPEXT"
|| |    |    |    "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x0,"state"=0x3,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x1,"enqueued-commands"=0x0,"isOpen"=0x1,"enqueued-
responses"=0x0,"handled-responses"=0x0}
|| |    |    |    "ep-has-desc-mgr" = Yes
|| |    |    |    "interface-name" = "dispext0:dcpdptx-port-epic:1"
|| |    |    |}
|| |    |    |
|| |    |    +-o AppleDCPDPTXRemotePortProxy  <class AppleDCPDPTXRemotePortProxy, id 0x10000054e,
registered, matched, active, busy 0 (52 ms), retain 9>
|| |    |    |{
|| |    |    |    "IOClass" = "AppleDCPDPTXRemotePortProxy"
|| |    |    |    "CFBundleIdentifier" = "com.apple.driver.AppleDCPDPTXProxy"
|| |    |    |    "IOProviderClass" = "AFKEndpointInterface"
|| |    |    |    "IOPropertyMatch" = {"EPICName"="dcpdptx-port-epic"}
|| |    |    |    "IOPowerManagement" =
{"CurrentPowerState"=0x0,"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"DriverPowerState"=0x0}
|| |    |    |    "IOProbeScore" = 0x0
|| |    |    |    "IOMatchedAtBoot" = Yes
|| |    |    |    "Location" = "External"
|| |    |    |    "IOMatchCategory" = "IODefaultMatchCategory"
|| |    |    |    "Unit" = 0x1
|| |    |    |    "IOPersonalityPublisher" = "com.apple.driver.AppleDCPDPTXProxy"
|| |    |    |    "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCPDPTXProxy"
|| |    |    |}
|| |    |    |
|| |    |    +-o AppleDCPDPTXRemotePortUFP(iop-dcpext-nub)  <class AppleDCPDPTXRemotePortUFP, id
0x1000005d1, registered, matched, active, busy 0 (18 ms), retain 7>
|| |    |    {
|| |    |      "DisplayHints" = {}
|| |    |      "EventLog" =
({"EventPayload"={"State"="Registered","Value"=0x1},"EventRaw"=<2100000018000000f1527f07000000003000000001
000000>,"EventTime"=0x77f52f1,"EventClass"="SetState"})
|| |    |      }
|| |    |
|| |    +-o DCPEXTEndpoint12  <class RTBuddyEndpointService, id 0x100000417, registered, matched, active, busy 0
(629 ms), retain 7>
|| |    ||{
|| |    ||}
|| |    ||
|| |    |+-o AFKDCPEXTEndpoint12  <class DCPEndpointV2, id 0x1000004ef, registered, matched, active, busy 0 (605
ms), retain 8>
|| |    |  |{
|| |    |  |  "IOClass" = "DCPEndpointV2"
|| |    |  |  "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |    |  |  "IOProviderClass" = "RTBuddyEndpointService"
|| |    |  |  "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
|| |    |  |  "IOProbeScore" = 0x1
|| |    |  |  "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
|| |    |  |  "IOMatchedAtBoot" = Yes
|| |    |  |  "IOMatchCategory" = "IODefaultMatchCategory"
|| |    |  |  "IdleLowPower" = Yes
|| |    |  |  "IONameMatched" = "DCPEXTEndpoint12"
|| |    |  |  "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |    |  |  "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |    |  |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |    |  |  "role" = "DCPEXT"
|| |    |  |}
|| |    |  |
|| |    |  +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x1000004f3, registered,
matched, active, busy 0 (603 ms), retain 10>
|| |    |  |{
|| |    |  |  "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |    |  |  "IOProviderClass" = "RTBuddyEndpointService"
|| |    |  |  "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
|| |    |  |  "IOProbeScore" = 0x1
|| |    |  |  "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
```

PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoint5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
      | | | | | "IOMatchedAtBoot" = Yes
      | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
      | | | | | "IdleLowPower" = Yes
      | | | | | "IONameMatched" = "DCPEXTEndpoint12"
      | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
      | | | | | "IOProviderMergeProperties" = {"dcp-ep"=Yes}
      | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
      | | | | | "role" = "DCPEXT"
      | | | | | "DebugState" = {"events"=(),"publish-events"=0xb,"termination-events"=0x9}
      | | | | | }
      | | | | |
      | | | | +-o dispext0:dcpdptx-hdcp-interface <class AFKEPInterfaceKextV2, id 0x100000502, registered, matched, active, busy 0 (578 ms), retain 8>
      | | | | | | {
      | | | | | | "ep-has-desc-mgr" = Yes
      | | | | | | "EPICProviderClass" = "AppleDCPDPTXController"
      | | | | | | "EPICLocation" = "External"
      | | | | | | "interface-id" = 0x1
      | | | | | | "EPICUnit" = 0x0
      | | | | | | "role" = "DCPEXT"
      | | | | | | "interface-name" = "dispext0:dcpdptx-hdcp-interface:0"
      | | | | | | "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"TimeSinceLastTickle"=0x814422,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
      | | | | | | "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-reports"=0x4f,"state"=0x3,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-commands"=0x0,"enqueued-reports"=0x1,"enqueued-commands"=0x1,"isOpen"=0x1,"enqueued-responses"=0x0,"handled-responses"=0x1}
      | | | | | | "EPICName" = "dcpdptx-hdcp-interface"
      | | | | | | }
      | | | | | |
      | | | | | +-o AppleDCPDPTXRemoteHDCPInterfaceProxy <class AppleDCPDPTXRemoteHDCPInterfaceProxy, id 0x10000054a, !registered, !matched, active, busy 0, retain 5>
      | | | | | {
      | | | | | "IOPropertyMatch" = {"EPICName"="dcpdptx-hdcp-interface"}
      | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCPDPTXProxy"
      | | | | | "IOProviderClass" = "AFKEndpointInterface"
      | | | | | "IOClass" = "AppleDCPDPTXRemoteHDCPInterfaceProxy"
      | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCPDPTXProxy"
      | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCPDPTXProxy"
      | | | | | "IOProbeScore" = 0x0
      | | | | | "IOMatchedAtBoot" = Yes
      | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
      | | | | | "Location" = "External"
      | | | | | "Unit" = 0x0
      | | | | | }
      | | | | |
      | | | | +-o dispext0:dcpdptx-hdcp-interface <class AFKEPInterfaceKextV2, id 0x100000508, registered, matched, active, busy 0 (577 ms), retain 8>
      | | | | | | {
      | | | | | | "ep-has-desc-mgr" = Yes
      | | | | | | "EPICProviderClass" = "AppleDCPDPTXController"
      | | | | | | "EPICLocation" = "External"
      | | | | | | "interface-id" = 0x3
      | | | | | | "EPICUnit" = 0x1
      | | | | | | "role" = "DCPEXT"
      | | | | | | "interface-name" = "dispext0:dcpdptx-hdcp-interface:1"
      | | | | | | "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"TimeSinceLastTickle"=0x814422,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
      | | | | | | "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-reports"=0x0,"state"=0x3,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-commands"=0x0,"enqueued-reports"=0x1,"enqueued-commands"=0x1,"isOpen"=0x1,"enqueued-responses"=0x0,"handled-responses"=0x1}
      | | | | | | "EPICName" = "dcpdptx-hdcp-interface"
      | | | | | | }
      | | | | | |
      | | | | | +-o AppleDCPDPTXRemoteHDCPInterfaceProxy <class AppleDCPDPTXRemoteHDCPInterfaceProxy, id 0x100000536, !registered, !matched, active, busy 0, retain 5>
      | | | | | {
      | | | | | "IOPropertyMatch" = {"EPICName"="dcpdptx-hdcp-interface"}
      | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCPDPTXProxy"
      | | | | | "IOProviderClass" = "AFKEndpointInterface"
      | | | | | "IOClass" = "AppleDCPDPTXRemoteHDCPInterfaceProxy"
      | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCPDPTXProxy"
      | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCPDPTXProxy"
      | | | | | "IOProbeScore" = 0x0
      | | | | | "IOMatchedAtBoot" = Yes
      | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
      | | | | | "Location" = "External"
      | | | | | "Unit" = 0x1
      | | | | | }
      | | | | |
      | | | | +-o DCPEXTEndpoint13 <class RTBuddyEndpointService, id 0x100000418, registered, matched, active, busy 0 (58 ms), retain 7>
      | | | | | {
      | | | | | }

```
|| |    ||
|| |    | +-o AFKDCPEXTEndpoint13  <class DCPEndpointV2, id 0x100000433, registered, matched, active, busy 0 (45
ms), retain 8>
|| |    | | {
|| |    | |   "IOClass" = "DCPEndpointV2"
|| |    | |   "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |    | |   "IOProviderClass" = "RTBuddyEndpointService"
|| |    | |   "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
|| |    | |   "IOProbeScore" = 0x1
|| |    | |   "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
|| |    | |   "IOMatchedAtBoot" = Yes
|| |    | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |    | |   "IdleLowPower" = Yes
|| |    | |   "IONameMatched" = "DCPEXTEndpoint13"
|| |    | |   "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |    | |   "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |    | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |    | |   "role" = "DCPEXT"
|| |    | | }
|| |    |
|| |    | +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x100000456, registered,
matched, active, busy 0 (44 ms), retain 6>
|| |    |     {
|| |    |       "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |    |       "IOProviderClass" = "RTBuddyEndpointService"
|| |    |       "IOPowerManagement" =
{"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0x0}
|| |    |       "IOProbeScore" = 0x1
|| |    |       "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
|| |    |       "IOMatchedAtBoot" = Yes
|| |    |       "IOMatchCategory" = "IODefaultMatchCategory"
|| |    |       "IdleLowPower" = Yes
|| |    |       "IONameMatched" = "DCPEXTEndpoint13"
|| |    |       "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |    |       "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |    |       "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |    |       "role" = "DCPEXT"
|| |    |       "DebugState" = {"events"=(),"publish-events"=0x0,"termination-events"=0x0}
|| |    |     }
|| |    |
|| |    +-o DCPEXTEndpoint18  <class RTBuddyEndpointService, id 0x100000419, registered, matched, active, busy 0
(28 ms), retain 7>
|| |    | | {
|| |    | | }
|| |    ||
|| |    | +-o AFKDCPEXTEndpoint18  <class DCPEndpointV2, id 0x1000004eb, registered, matched, active, busy 0 (5
ms), retain 8>
|| |    | | {
|| |    | |   "IOClass" = "DCPEndpointV2"
|| |    | |   "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |    | |   "IOProviderClass" = "RTBuddyEndpointService"
|| |    | |   "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x1,"DriverPowerState"=0x0}
|| |    | |   "IOProbeScore" = 0x1
|| |    | |   "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","DC$
|| |    | |   "IOMatchedAtBoot" = Yes
|| |    | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |    | |   "IdleLowPower" = Yes
|| |    | |   "IONameMatched" = "DCPEXTEndpoint18"
|| |    | |   "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| |    | |   "IOProviderMergeProperties" = {"dcp-ep"=Yes}
|| |    | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| |    | |   "role" = "DCPEXT"
|| |    | | }
|| |    |
|| |    | +-o AFKEPInterfaceServiceKextV2  <class AFKEPInterfaceServiceKextV2, id 0x1000004ed, registered,
matched, active, busy 0 (6 ms), retain 8>
|| |    | | {
|| |    | |   "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| |    | |   "IOProviderClass" = "RTBuddyEndpointService"
|| |    | |   "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
```

x0}
    || | | | "IOProbeScore" = 0x1
    || | | | "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCP0Endpoint1","DCP0Endpoint2","DCP0Endpoint3","DCP0Endpoint4","DCP0Endpoin
t5","DCP0Endpoint6","DCP0Endpoint7","DCP0Endpoint8","DCP0Endpoint9","$
    || | | | "IOMatchedAtBoot" = Yes
    || | | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | | "IdleLowPower" = Yes
    || | | | "IONameMatched" = "DCPEXTEndpoint18"
    || | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
    || | | | "IOProviderMergeProperties" = {"dcp-ep"=Yes}
    || | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
    || | | | "role" = "DCPEXT"
    || | | | "DebugState" = {"events"=(),"publish-events"=0x1,"termination-events"=0x0}
    || | | |}
    || | | |
    || | | +-o md-manager <class AFKEPInterfaceKextV2, id 0x100000500, registered, matched, active, busy 0 (5
ms), retain 8>
    || | | |{
    || | | | "interface-id" = 0x1
    || | | | "epi-is-desc-mgr" = Yes
    || | | | "role" = "DCPEXT"
    || | | | "interface-name" = "md-manager"
    || | | | "md-allocator" = "md-al-remote"
    || | | | "DebugState" = {"default-power-state"=0x0,"assertion-wait-count"=0x0,"handled-
reports"=0x0,"state"=0x3,"assertion-count"=0x0,"session-count"=0x0,"terminateReportRecv"=0x0,"handled-
commands"=0x0,"enqueued-reports"=0x1,"enqueued-commands"=0x0,"isOpen"=0x1,"enqueued-
responses"=0x0,"handled-responses"=0x0}
    || | | | "IOPowerManagement" =
{"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"ActivityTickles"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"
TimeSinceLastTickle"=0x814423,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
    || | | | "ep-has-desc-mgr" = Yes
    || | | |}
    || | | |
    || | | +-o AFKLocalMemoryDescriptorManager <class AFKLocalMemoryDescriptorManager, id 0x100000505,
registered, matched, active, busy 0 (2 ms), retain 17>
    || | | {
    || | | "IOClass" = "AFKLocalMemoryDescriptorManager"
    || | | "CFBundleIdentifier" = "com.apple.driver.AppleFirmwareKit"
    || | | "IOProviderClass" = "AFKEndpointInterface"
    || | | "IOPropertyMatch" = {"md-allocator"="md-al-remote"}
    || | | "IOProbeScore" = 0x0
    || | | "IOMatchedAtBoot" = Yes
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "IOPersonalityPublisher" = "com.apple.driver.AppleFirmwareKit"
    || | | "role" = "DCPEXT"
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleFirmwareKit"
    || | | "DebugState" = {"Descs"=[],"FreeReqs"=()}
    || | | "md-allocator" = "md-al-local"
    || | | }
    || | |
    || | +-o DCPEXTEndpoint24 <class RTBuddyEndpointService, id 0x10000041a, registered, matched, active, busy 0
(44 ms), retain 7>
    || | ||{
    || | ||}
    || | ||
    || | |+-o AppleDCPLinkServiceSoC <class AppleDCPLinkServiceSoC, id 0x1000004c9, registered, matched, active,
busy 0 (7 ms), retain 6>
    || | | {
    || | | "IOProbeScore" = 0x0
    || | | "CFBundleIdentifier" = "com.apple.driver.AppleMobileDispH13G-DCP"
    || | | "IOProviderClass" = "RTBuddyEndpointService"
    || | | "IOClass" = "AppleDCPLinkServiceSoC"
    || | | "IOPersonalityPublisher" = "com.apple.driver.AppleMobileDispH13G-DCP"
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleMobileDispH13G-DCP"
    || | | "IOMatchedAtBoot" = Yes
    || | | "IONameMatch" = ("DCPEndpoint24","DCPEXTEndpoint24")
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "IONameMatched" = "DCPEXTEndpoint24"
    || | | "IOUserClientClass" = "AppleDCPLinkService"
    || | | }
    || | |
    || | +-o RTBuddyService <class RTBuddyService, id 0x10000042c, registered, matched, active, busy 0 (28 ms),
retain 22>
    || | |{
    || | | "IOProbeScore" = 0x3e8
    || | | "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
    || | | "IOMatchCategory" = "RTBuddyService"
    || | | "IOClass" = "RTBuddyService"
    || | | "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
    || | | "IOProviderClass" = "RTBuddy"
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
    || | | "IOMatchedAtBoot" = Yes
    || | | "role" = "DCPEXT"
    || | |}
    || | |
    || | +-o AFKFirmwareService <class AFKFirmwareService, id 0x10000043b, registered, matched, active, busy 0

```
(26 ms), retain 5>
    || |              {
    || |                "IOPropertyMatch" = {"role"="DCPEXT"}
    || |                "CFBundleIdentifier" = "com.apple.driver.AppleFirmwareKit"
    || |                "IOProviderClass" = "RTBuddyService"
    || |                "IOClass" = "AFKFirmwareService"
    || |                "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
    || |                "CFBundleIdentifierKernel" = "com.apple.driver.AppleFirmwareKit"
    || |                "IOProbeScore" = 0x0
    || |                "IOMatchedAtBoot" = Yes
    || |                "IOMatchCategory" = "IODefaultMatchCategory"
    || |                "Role" = "DCPEXT"
    || |              }
    || |
    || +-o dart-dcpext@7130C000  <class AppleARMIODevice, id 0x1000002d2, registered, matched, active, busy 0 (198
ms), retain 9>
    || || {
    || ||   "reg" = <00c030710000000000400000000000000>
    || ||   "dart-id" = <0e000000>
    || ||   "IOInterruptSpecifiers" = (<e1010000>)
    || ||   "AAPL,phandle" = <d3000000>
    || ||   "bypass" = <00800000>
    || ||   "instance" = <5452414444415254415343300>
    || ||   "IODeviceMemory" = (({"address"=0x27130c000,"length"=0x4000}))
    || ||   "IOReportLegendPublic" = Yes
    || ||   "remap" = <05000000>
    || ||   "dart-options" = <45000000>
    || ||   "tlb-invalid-refetch" = <>
    || ||   "IOInterruptControllers" = ("IOInterruptController00000067")
    || ||   "name" = <646172742d64637065787400>
    || ||   "interrupt-parent" = <67000000>
    || ||   "compatible" = <646172742c743830323000>
    || ||   "page-size" = <00400000>
    || ||   "interrupts" = <e1010000>
    || ||   "diag-config" = <00210080>
    || ||   "l2-tt-0" = <0040ebff0900000002000000000000000>
    || ||   "bypass-address" = <00000000000000000000000000000002>
    || ||   "vm-base" = <00000000>
    || ||   "pt-region-0" = <0040ebff0900000000c0edff09000000>
    || ||   "smmu-clock-gating" = <>
    || ||   "error-reflector" = <00c0ff3c02000000>
    || ||   "device_type" = <6461727400>
    || ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"           First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"           Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
    || ||   "sids" = <01800000>
    || ||   "vm-size" = <000000fc>
    || || }
    || ||
    || | +-o AppleT8020DART  <class AppleT8020DART, id 0x100000347, registered, matched, active, busy 0 (20 ms),
retain 34>
    || | | {
    || | |   "IOClass" = "AppleT8020DART"
    || | |   "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
    || | |   "IOProviderClass" = "AppleARMIODevice"
    || | |   "IOPlatformActiveAction" = 0x13880
    || | |   "noncompliant-dead-mappings" = No
    || | |   "IOPlatformSleepAction" = 0x13880
    || | |   "IOProbeScore" = 0x0
    || | |   "IONameMatch" = "dart,t8020"
    || | |   "IOMatchedAtBoot" = Yes
    || | |   "IOMatchCategory" = "IODefaultMatchCategory"
    || | |   "IOUserClientClass" = "IODARTClient"
    || | |   "IONameMatched" = "dart,t8020"
    || | |   "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
    || | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
    || | |   "iommu-dart-identity" = <d3000000>
    || | |   "IOFunctionParent000000D3" = <>
    || | | }
    || | |
    || | +-o mapper-dcpext@0  <class IODARTMapperNub, id 0x1000003a7, registered, matched, active, busy 0 (20 ms),
retain 8>
    || | | {
    || | |   "name" = <6d61707065722d64637065787400>
    || | |   "compatible" = <696f6d6d752d6d617070657200>
    || | |   "iomd-cache-ttl" = <d0070000>
    || | |   "iomd-cache-size" = <40000000>
    || | |   "device_type" = <646172742d6d617070657200>
    || | |   "reg" = <00000000>
    || | |   "AAPL,phandle" = <d4000000>
    || | | }
    || | |
    || | +-o IODARTMapper  <class IODARTMapper, id 0x1000003cb, registered, matched, active, busy 0 (8 ms), retain
61>
    || |     {
    || |        "IOClass" = "IODARTMapper"
    || |        "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
```

```
|| |        "IOProviderClass" = "IODARTMapperNub"
|| |        "iommu-dart-translation" = Yes
|| |        "IOUserClientClass" = "IODARTMapperClient"
|| |        "IOProbeScore" = 0x0
|| |        "IONameMatch" = "iommu-mapper"
|| |        "IOMatchedAtBoot" = Yes
|| |        "IOMatchCategory" = "IODefaultMatchCategory"
|| |        "IONameMatched" = "iommu-mapper"
|| |        "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| |        "IOMapperID" = <d4000000>
|| |        "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| |        "iommu-initial-translations" = <0000000000000000000300100000000>
|| |      }
|| |
|| +-o dp-audio1  <class AppleARMIODevice, id 0x1000002d3, registered, matched, active, busy 0 (368 ms), retain 8>
|| || {
|| ||   "dma-channels" = <6600000002000000000000000080000000800000000000000000000000000000>
|| ||   "power-gates" = <46000000>
|| ||   "dma-parent" = <91000000>
|| ||   "clock-gates" = <46000000>
|| ||   "function-device_reset_dpa" = <7e0000005453524146000000>
|| ||   "device_type" = <64702d617564696f3100>
|| ||   "name" = <64702d617564696f3100>
|| ||   "AAPL,phandle" = <d5000000>
|| || }
|| ||
|| | +-o DCPAVAudioDMADelegate  <class DCPAVAudioDMADelegate, id 0x10000033e, registered, matched, active,
busy 0 (23 ms), retain 5>
|| |   {
|| |     "IOProbeScore" = 0x0
|| |     "CFBundleIdentifier" = "com.apple.driver.DCPAVFamilyProxy"
|| |     "IOProviderClass" = "AppleARMIODevice"
|| |     "IOClass" = "DCPAVAudioDMADelegate"
|| |     "IOPersonalityPublisher" = "com.apple.driver.DCPAVFamilyProxy"
|| |     "CFBundleIdentifierKernel" = "com.apple.driver.DCPAVFamilyProxy"
|| |     "IOMatchedAtBoot" = Yes
|| |     "IONameMatch" = ("dp-audio","dp-audio0","dp-audio1","dp-audio2","dp-audio3","dp-audio4","dp-audio5","dp-
audio6","dp-audio7","dp-audio8","dp-audio9")
|| |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |     "IONameMatched" = "dp-audio1"
|| |     "TransferInformation" = {"TransferAttempts"=0x0,"TransferCompletions"=0x0}
|| |   }
|| |
|| +-o scaler0@63000000  <class AppleARMIODevice, id 0x1000002d4, registered, matched, active, busy 0 (1026
ms), retain 9>
|| || {
|| ||   "IOInterruptSpecifiers" = (<57020000>,<59020000>)
|| ||   "coprovider-group" = <7363616c657200>
|| ||   "clock-gates" = <320100005e000000>
|| ||   "AAPL,phandle" = <d6000000>
|| ||   "IODeviceMemory" = ((({"address"=0x263000000,"length"=0x28000}),
({"address"=0x263210000,"length"=0x4000}))
|| ||   "IOReportLegendPublic" = Yes
|| ||   "iommu-parent" = <d8000000d9000000>
|| ||   "IOInterruptControllers" = ("IOInterruptController00000067","IOInterruptController00000067")
|| ||   "name" = <7363616c65723000>
|| ||   "function-device_reset" = <7e000000545352415d000000>
|| ||   "interrupt-parent" = <67000000>
|| ||   "workload-priority" = <05000000>
|| ||   "compatible" = <7363616c65722c743833313033300073363616c65722c73356c383936307800>
|| ||   "interrupts" = <5702000059020000>
|| ||   "clock-ids" = <6d010000>
|| ||   "hardware-version" = <0a000000>
|| ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"         First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"         Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"       First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| ||   "device_type" = <7363616c657200>
|| ||   "power-gates" = <320100005e000000>
|| ||   "reg" = <0000006300000000008002000000000000002163000000000040000000000000>
|| || }
|| ||
|| | +-o AppleM2ScalerCSCDriver  <class AppleM2ScalerCSCDriver, id 0x100000349, registered, matched, active, busy
0 (655 ms), retain 8>
|| |   {
|| |     "hcuApiWithoutHdr" = No
|| |     "IOPersonalityPublisher" = "com.apple.driver.AppleM2ScalerCSCDriver"
|| |     "GangedTransformSize" = 0x0
|| |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |     "EnableMSRPowerDown" = Yes
|| |     "EnableStickyRegistersDump" = No
|| |     "LogVerbosity" = 0x0
|| |     "ActiveDartStartTime_0" = 0x3724717603f0
|| |     "DisableSIMDOptimizations" = No
|| |     "EnableCacheHints" = Yes
|| |     "IOMatchedAtBoot" = Yes
|| |     "ForceDisplayFilters" = No
|| |     "PixelCapturePreSclX" = 0x0
```

```
|| |      "IOProbeScore" = 0x0
|| |      "TriggerOneTimeRegistersDump" = No
|| |      "ActiveDartEndTime_0" = 0x0
|| |      "IOClass" = "AppleM2ScalerCSCDriver"
|| |      "LogModuleMask" = 0x0
|| |      "DisableTimeoutRegisterDump" = No
|| |      "FakePowerState" = No
|| |      "IONameMatched" = "scaler,s5l8960x"
|| |      "ContextSwitchCount_0" = 0x0
|| |      "ScalerStartTime_0" = 0x37247178e34a
|| |      "CFBundleIdentifier" = "com.apple.driver.AppleM2ScalerCSCDriver"
|| |      "ScalerEndTime_0" = 0x372471791fd6
|| |      "EnableKernelTests" = No
|| |      "ScalerUsage_0" = 0x84809
|| |      "WorkloadPriority" = 0x0
|| |      "PixelCapturePreSclY" = 0x0
|| |      "PixelCapturePostSclX" = 0x0
|| |      "TransformSize_0" = 0x4000
|| |      "MaxActiveWindowSize" = 0x0
|| |      "ForceDefaultFilters" = 0x0
|| |      "CFBundleIdentifierKernel" = "com.apple.driver.AppleM2ScalerCSCDriver"
|| |      "NumScalers" = 0x1
|| |      "LogHeaderMask" = 0x0
|| |      "EnableFiltersNoRewriteMode" = No
|| |      "IOSurfaceAcceleratorCapabilitiesDict" =
{"IOSurfaceAcceleratorCapabilitiesSymmetricScaling"=0x0,"IOSurfaceAcceleratorFormatOut2Planes444"=0x1,"IOSurfaceA
cceleratorCapabilities16bitYCbCr"=0x1,"IOSurfaceAcceleratorFormatInLumaOnlyL010"=0x1,"IOSurfaceAcceleratorCapabilit
ies12bitYCbCr"=0x1,"IOSurfaceAcceleratorFormatInARGB8101010"=0x1,"IOSurfaceAcceleratorCapabilitiesInterchangeSubb
lockSize"=0x4,"IOSurfaceAcceleratorFormatIn1PlaneYCBCR10422"=0x1,"IOSurfaceAcceleratorFormatOutPMARGB8888"=
0x1,"IOSurfaceAcceleratorCapabilitiesSourc$
|| |      "EnablePixelCapture" = No
|| |      "ClearUsageStatistics" = 0x0
|| |      "SymmetricScaling" = 0x0
|| |      "TriggerPipeEnablementDump" = 0x0
|| |      "IOProviderClass" = "AppleARMIODevice"
|| |      "ForcedTimeoutModeEnable" = No
|| |      "IONameMatch" = ("scaler,s5l8960x")
|| |      "EnableCompletionRegistersDump" = No
|| |      "ScalerLoad_0" = 0x1b49acc4040
|| |      "DisableMsbReplicationWorkaround" = 0x0
|| |      "DisableDeRinging" = No
|| |      "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| |      "TransformDumpLevel" = 0x0
|| |      "ChromaDownsamplingCositingMethod" = 0x0
|| |      "PixelCapturePostSclY" = 0x0
|| |    }
|| |
|| +-o dart-scaler@63200000  <class AppleARMIODevice, id 0x1000002d5, registered, matched, active, busy 0 (242
ms), retain 10>
|| ||{
|| ||   "dart-id" = <0f000000>
|| ||   "IOInterruptSpecifiers" = (<58020000>)
|| ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| ||   "clock-gates" = <48010000>
|| ||   "AAPL,phandle" = <d7000000>
|| ||   "IODeviceMemory" = (({"address"=0x263200000,"length"=0x4000}))
|| ||   "instance" = <54524144444441525400000000>
|| ||   "IOReportLegendPublic" = Yes
|| ||   "tlb-invalid-refetch" = <>
|| ||   "dart-options" = <05000000>
|| ||   "IOInterruptControllers" = ("IOInterruptController00000067")
|| ||   "name" = <646172742d73363616c657200>
|| ||   "interrupt-parent" = <67000000>
|| ||   "compatible" = <646172742c743830323000>
|| ||   "page-size" = <00400000>
|| ||   "interrupts" = <58020000>
|| ||   "diag-config" = <00210080>
|| ||   "manual-availability" = <01000000>
|| ||   "dart-tunables-instance-0" =
<60000000004000000061008000000000006100800000000680000004000000f0f0f00000000000f0f0f00000000
006c0000000400000fffff00000000000808080000000700000004000000000003f0000000000000000000000000
0008001000004000000000fff0f0000000001000000000000840100000400000000fff0f000000000003020000000
0008801000004000000000fff0f00000000000a00000000008c0100000400000000fff0f0000000000020b0000000
0009001000004000000000fff0f00000000000a0000000000940100000400000000fff0f0000000000030f0000000
0009801000004000000000fff0$
|| ||   "error-reflector" = <00c0ff3c02000000>
|| ||   "device_type" = <6461727400>
|| ||   "power-gates" = <48010000>
|| ||   "reg" = <0000206300000000040000000000000>
|| ||   "sids" = <03000000>
|| ||}
|| ||
|| |+-o AppleT8020DART  <class AppleT8020DART, id 0x100000348, registered, matched, active, busy 0 (65 ms),
retain 10>
|| |  |{
```

```
|| | | | "IOClass" = "AppleT8020DART"
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| | | | "IOProviderClass" = "AppleARMIODevice"
|| | | | "IOPlatformActiveAction" = 0x13880
|| | | | "noncompliant-dead-mappings" = No
|| | | | "IOPlatformSleepAction" = 0x13880
|| | | | "IOProbeScore" = 0x0
|| | | | "IONameMatch" = "dart,t8020"
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "IOUserClientClass" = "IODARTClient"
|| | | | "IONameMatched" = "dart,t8020"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| | | | "IOFunctionParent000000D7" = <>
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| | | | "iommu-dart-identity" = <d7000000>
|| | | |}
|| | |
|| | +-o mapper-scaler@0  <class IODARTMapperNub, id 0x1000003a5, registered, matched, active, busy 0 (65 ms),
retain 8>
|| | | ||{
|| | | || "name" = <6d61707065722d7363616c657200>
|| | | || "compatible" = <696f6d6d752d6d617070657200>
|| | | || "iomd-cache-ttl" = <d0070000>
|| | | || "iomd-cache-size" = <40000000>
|| | | || "device_type" = <646172742d6d617070657200>
|| | | || "reg" = <00000000>
|| | | || "AAPL,phandle" = <d8000000>
|| | | ||}
|| | | ||
|| | | +-o IODARTMapper  <class IODARTMapper, id 0x1000003c1, registered, matched, active, busy 0 (55 ms), retain
39>
|| | | |   {
|| | | |     "IOClass" = "IODARTMapper"
|| | | |     "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | | |     "IOProviderClass" = "IODARTMapperNub"
|| | | |     "iommu-dart-translation" = Yes
|| | | |     "IOUserClientClass" = "IODARTMapperClient"
|| | | |     "IOProbeScore" = 0x0
|| | | |     "IONameMatch" = "iommu-mapper"
|| | | |     "IOMatchedAtBoot" = Yes
|| | | |     "IOMatchCategory" = "IODefaultMatchCategory"
|| | | |     "IONameMatched" = "iommu-mapper"
|| | | |     "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | | |     "IOMapperID" = <d8000000>
|| | | |     "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | | |   }
|| | |
|| | +-o mapper-scaler-piodma@1  <class IODARTMapperNub, id 0x1000003a6, registered, matched, active, busy 0
(18 ms), retain 8>
|| | | |{
|| | | | "name" = <6d61707065722d7363616c65722d70696f646d6100>
|| | | | "compatible" = <696f6d6d752d6d617070657200>
|| | | | "iomd-cache-ttl" = <d0070000>
|| | | | "iomd-cache-size" = <40000000>
|| | | | "device_type" = <646172742d6d617070657200>
|| | | | "reg" = <01000000>
|| | | | "AAPL,phandle" = <d9000000>
|| | | |}
|| | |
|| | +-o IODARTMapper  <class IODARTMapper, id 0x1000003c7, registered, matched, active, busy 0 (8 ms), retain
6>
|| |     {
|| |       "IOClass" = "IODARTMapper"
|| |       "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| |       "IOProviderClass" = "IODARTMapperNub"
|| |       "iommu-dart-translation" = Yes
|| |       "IOUserClientClass" = "IODARTMapperClient"
|| |       "IOProbeScore" = 0x0
|| |       "IONameMatch" = "iommu-mapper"
|| |       "IOMatchedAtBoot" = Yes
|| |       "IOMatchCategory" = "IODefaultMatchCategory"
|| |       "IONameMatched" = "iommu-mapper"
|| |       "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| |       "IOMapperID" = <d9000000>
|| |       "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| |     }
|| |
|| +-o jpeg0@65000000  <class AppleARMIODevice, id 0x1000002d6, registered, matched, active, busy 0 (482 ms),
retain 9>
|| ||{
|| || "compatible" = <6a7065672c7438313031006a7065672c73356c383932307800>
|| || "iommu-parent" = <dc000000>
|| || "interrupt-parent" = <67000000>
|| || "interrupts" = <4f020000>
|| || "hw-type" = <613031303300>
|| || "reg" = <00000065000000000040000000000000>
|| || "clock-gates" = <2f01000003001000031010000>
|| || "clock-ids" = <6b0100006c010000>
|| || "device_type" = <6a70656700>
```

```
|| || "AAPL,phandle" = <da000000>
|| || "IOInterruptControllers" = ("IOInterruptController00000067")
|| || "IOInterruptSpecifiers" = (<4f020000>)
|| || "IODeviceMemory" = (({"address"=0x265000000,"length"=0x4000}))
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"           Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "power-gates" = <2f010000300100031010000>
|| || "coprovider-group" = <6a70656700>
|| || "IOReportLegendPublic" = Yes
|| || "name" = <6a7065673000>
|| ||}
|| ||
|| | +-o AppleJPEGDriver  <class AppleJPEGDriver, id 0x10000033d, registered, matched, active, busy 0 (46 ms),
retain 8>
|| |   {
|| |     "IOClass" = "AppleJPEGDriver"
|| |     "AppleJPEGSupportsMissingEOI" = 0x1
|| |     "IOPersonalityPublisher" = "com.apple.driver.AppleJPEGDriver"
|| |     "IOMatchedAtBoot" = Yes
|| |     "AppleJPEGIsLegacyDevice" = 0x0
|| |     "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| |     "IOProviderClass" = "AppleARMIODevice"
|| |     "AppleJPEGSupportsCompressedInterchangeFormats" = 0x1
|| |     "Fast Clock frames_1" = 0x0
|| |     "AppleJPEGSupportsAppleInterchangeFormats" = 0x1
|| |     "IOProbeScore" = 0x0
|| |     "Norm Clock frames_0" = 0x10b
|| |     "IONameMatch" = ("jpeg,s5l8920x")
|| |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleJPEGDriver"
|| |     "AppleJPEGNumCores" = 0x2
|| |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |     "CFBundleIdentifier" = "com.apple.driver.AppleJPEGDriver"
|| |     "Fast Clock frames_0" = 0xb2
|| |     "IONameMatched" = "jpeg,s5l8920x"
|| |     "AppleJPEGSupports12BitsFormat" = 0x0
|| |     "AppleJPEGSupportsRSTLogging" = 0x1
|| |     "Norm Clock frames_1" = 0x2
|| |     "AppleJPEGRequiresMCUAlignment" = 0x0
|| |     "AppleJPEGSupportsDCTScaling" = 0x1
|| |   }
|| |
|| +-o dart-jpeg0@65004000  <class AppleARMIODevice, id 0x1000002d7, registered, matched, active, busy 0 (196
ms), retain 9>
|| ||{
|| || "dart-id" = <10000000>
|| || "IOInterruptSpecifiers" = (<50020000>)
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"           Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "clock-gates" = <47010000>
|| || "AAPL,phandle" = <db000000>
|| || "IODeviceMemory" = (({"address"=0x265004000,"length"=0x4000}))
|| || "instance" = <54524144444152540000000000>
|| || "IOReportLegendPublic" = Yes
|| || "tlb-invalid-refetch" = <>
|| || "dart-options" = <05000000>
|| || "IOInterruptControllers" = ("IOInterruptController00000067")
|| || "name" = <646172742d6a7065673000>
|| || "interrupt-parent" = <67000000>
|| || "compatible" = <646172742c743830323000>
|| || "page-size" = <00400000>
|| || "interrupts" = <50020000>
|| || "diag-config" = <00210080>
|| || "dart-tunables-instance-0" =
<60000000004000000061008000000000006100800000000068000000040000000f0f0f00000000000f0f0f00000000
006c00000004000000ffffff0000000000008080800000000000>
|| || "error-reflector" = <00c0ff3c02000000>
|| || "device_type" = <6461727400>
|| || "power-gates" = <47010000>
|| || "reg" = <0040006500000000000040000000000000>
|| || "sids" = <01000000>
|| ||}
|| ||
|| | +-o AppleT8020DART  <class AppleT8020DART, id 0x10000033c, registered, matched, active, busy 0 (30 ms),
retain 9>
|| | |{
|| | |  "IOClass" = "AppleT8020DART"
|| | |  "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| | |  "IOProviderClass" = "AppleARMIODevice"
|| | |  "IOFunctionParent000000DB" = <>
|| | |  "IOPlatformActiveAction" = 0x13880
|| | |  "noncompliant-dead-mappings" = No
|| | |  "IOPlatformSleepAction" = 0x13880
```

```
|| | |   "IOProbeScore" = 0x0
|| | |   "IONameMatch" = "dart,t8020"
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | |   "IOUserClientClass" = "IODARTClient"
|| | |   "IONameMatched" = "dart,t8020"
|| | |   "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| | |   "iommu-dart-identity" = <db000000>
|| | |}
|| | |
|| | +-o mapper-jpeg0@0  <class IODARTMapperNub, id 0x100000381, registered, matched, active, busy 0 (30 ms),
retain 8>
|| | |{
|| | |   "dead-mappings" = <00c0ff7f000000000040000000000000>
|| | |   "reg" = <00000000>
|| | |   "device_type" = <646172742d6d617070657200>
|| | |   "name" = <6d61707065722d6a7065673000>
|| | |   "AAPL,phandle" = <dc000000>
|| | |   "compatible" = <696f6d6d752d6d617070657200>
|| | |}
|| | |
|| | +-o IODARTMapper  <class IODARTMapper, id 0x100000384, registered, matched, active, busy 0 (30 ms), retain
12>
|| | {
|| | "IOClass" = "IODARTMapper"
|| | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | "IOProviderClass" = "IODARTMapperNub"
|| | "iommu-dart-translation" = Yes
|| | "IOUserClientClass" = "IODARTMapperClient"
|| | "IOProbeScore" = 0x0
|| | "IONameMatch" = "iommu-mapper"
|| | "IOMatchedAtBoot" = Yes
|| | "IOMatchCategory" = "IODefaultMatchCategory"
|| | "IONameMatched" = "iommu-mapper"
|| | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | "IOMapperID" = <dc000000>
|| | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | }
|| |
|| +-o jpeg1@65008000  <class AppleARMIODevice, id 0x1000002d8, registered, matched, active, busy 0 (444 ms),
retain 9>
|| ||{
|| || "compatible" = <6a7065672c7438313031006a7065672c73356c383932307800>
|| || "iommu-parent" = <df000000>
|| || "interrupt-parent" = <67000000>
|| || "interrupts" = <52020000>
|| || "hw-type" = <613031303300>
|| || "reg" = <00800065000000000040000000000000>
|| || "clock-gates" = <4c010000030010000031010000>
|| || "clock-ids" = <6b0100006c010000>
|| || "device_type" = <6a70656700>
|| || "AAPL,phandle" = <dd000000>
|| || "IOInterruptControllers" = ("IOInterruptController00000067")
|| || "IOInterruptSpecifiers" = (<52020000>)
|| || "IODeviceMemory" = (({"address"=0x265008000,"length"=0x4000}))
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "power-gates" = <4c010000030010000031010000>
|| || "coprovider-group" = <6a70656700>
|| || "IOReportLegendPublic" = Yes
|| || "name" = <6a7065673100>
|| ||}
|| ||
|| |+-o AppleJPEGDriver  <class AppleJPEGDriver, id 0x10000033d, registered, matched, active, busy 0 (46 ms),
retain 8>
|| | {
|| | "IOClass" = "AppleJPEGDriver"
|| | "AppleJPEGSupportsMissingEOI" = 0x1
|| | "IOPersonalityPublisher" = "com.apple.driver.AppleJPEGDriver"
|| | "IOMatchedAtBoot" = Yes
|| | "AppleJPEGIsLegacyDevice" = 0x0
|| | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | "IOProviderClass" = "AppleARMIODevice"
|| | "AppleJPEGSupportsCompressedInterchangeFormats" = 0x1
|| | "Fast Clock frames_1" = 0x0
|| | "AppleJPEGSupportsAppleInterchangeFormats" = 0x1
|| | "IOProbeScore" = 0x0
|| | "Norm Clock frames_0" = 0x10b
|| | "IONameMatch" = ("jpeg,s5l8920x")
|| | "CFBundleIdentifierKernel" = "com.apple.driver.AppleJPEGDriver"
|| | "AppleJPEGNumCores" = 0x2
|| | "IOMatchCategory" = "IODefaultMatchCategory"
|| | "CFBundleIdentifier" = "com.apple.driver.AppleJPEGDriver"
|| | "Fast Clock frames_0" = 0xb2
|| | "IONameMatched" = "jpeg,s5l8920x"
```

```
|| |     "AppleJPEGSupports12BitsFormat" = 0x0
|| |     "AppleJPEGSupportsRSTLogging" = 0x1
|| |     "Norm Clock frames_1" = 0x2
|| |     "AppleJPEGRequiresMCUAlignment" = 0x0
|| |     "AppleJPEGSupportsDCTScaling" = 0x1
|| |   }
|| |
|| +-o dart-jpeg1@6500C000  <class AppleARMIODevice, id 0x1000002d9, registered, matched, active, busy 0 (257
ms), retain 9>
|| ||{
|| || "dart-id" = <11000000>
|| || "IOInterruptSpecifiers" = (<53020000>)
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"        First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"         Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "clock-gates" = <4b010000>
|| || "AAPL,phandle" = <de000000>
|| || "IODeviceMemory" = (({"address"=0x26500c000,"length"=0x4000}))
|| || "instance" = <5452414444441525400000000>
|| || "IOReportLegendPublic" = Yes
|| || "tlb-invalid-refetch" = <>
|| || "dart-options" = <05000000>
|| || "IOInterruptControllers" = ("IOInterruptController00000067")
|| || "name" = <646172742d6a7065673100>
|| || "interrupt-parent" = <67000000>
|| || "compatible" = <646172742c743830323000>
|| || "page-size" = <00400000>
|| || "interrupts" = <53020000>
|| || "diag-config" = <00210080>
|| || "dart-tunables-instance-0" =
<6000000004000000006100800000000000610080000000006800000040000000f0f0f00000000000f0f0f00000000
006c00000004000000ffffff000000000000080800000000000>
|| || "error-reflector" = <00c0ff3c02000000>
|| || "device_type" = <6461727400>
|| || "power-gates" = <4b010000>
|| || "reg" = <00c000650000000000040000000000000>
|| || "sids" = <01000000>
|| ||}
|| ||
|| |+-o AppleT8020DART  <class AppleT8020DART, id 0x100000376, registered, matched, active, busy 0 (92 ms),
retain 7>
|| | |{
|| | | "IOClass" = "AppleT8020DART"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOPlatformActiveAction" = 0x13880
|| | | "noncompliant-dead-mappings" = No
|| | | "IOPlatformSleepAction" = 0x13880
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = "dart,t8020"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IOUserClientClass" = "IODARTClient"
|| | | "IONameMatched" = "dart,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| | | "IOFunctionParent000000DE" = <>
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| | | "iommu-dart-identity" = <de000000>
|| | |}
|| | |
|| | +-o mapper-jpeg1@0  <class IODARTMapperNub, id 0x100000380, registered, matched, active, busy 0 (91 ms),
retain 8>
|| | |{
|| | | "dead-mappings" = <00c0ff7f0000000000040000000000000>
|| | | "reg" = <00000000>
|| | | "device_type" = <646172742d6d617070657200>
|| | | "name" = <6d61707065722d6a7065673100>
|| | | "AAPL,phandle" = <df000000>
|| | | "compatible" = <696f6d6d752d6d617070657200>
|| | |}
|| | |
|| | +-o IODARTMapper  <class IODARTMapper, id 0x100000382, registered, matched, active, busy 0 (91 ms), retain
8>
|| |   {
|| |     "IOClass" = "IODARTMapper"
|| |     "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| |     "IOProviderClass" = "IODARTMapperNub"
|| |     "iommu-dart-translation" = Yes
|| |     "IOUserClientClass" = "IODARTMapperClient"
|| |     "IOProbeScore" = 0x0
|| |     "IONameMatch" = "iommu-mapper"
|| |     "IOMatchedAtBoot" = Yes
|| |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |     "IONameMatched" = "iommu-mapper"
|| |     "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| |     "IOMapperID" = <df000000>
|| |     "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
```

```
    || |      }
    || |
    || +-o ave@67100000  <class AppleARMIODevice, id 0x1000002da, registered, matched, active, busy 0 (379 ms),
retain 9>
    || ||{
    || ||   "IOInterruptSpecifiers" = (<30020000>,<2a020000>,<29020000>,<2c020000>,<2b020000>)
    || ||   "clock-gates" = <270100002801000029010000790000007a0000007b0000007c000000780000002a010000>
    || ||   "AAPL,phandle" = <e0000000>
    || ||   "IODeviceMemory" = (({"address"=0x267100000,"length"=0x45c000}),
({"address"=0x267800000,"length"=0x800000}),({"address"=0x267050000,"length"=0x8000}),
({"address"=0x23b708000,"length"=0x4000}),({"address"=0x266000000,"length"=0x1000000}))
    || ||   "IOReportLegendPublic" = Yes
    || ||   "function-clock_req_interrupt" = <7e00000051524943650000002500000001000000>
    || ||   "segment-names" = <5f5f544558543b5f5f4441544100>
    || ||   "iommu-parent" = <e2000000>
    || ||   "function-mcc_dataset" = <660000005344244d>
    || ||   "uuid" = <43444539414335382d314241322d334235412d383033362d37424536303733363333333200>
    || ||   "asc-dram-mask" = <000000000f000000>
    || ||   "name" = <61766500>
    || ||   "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptControlle
r00000067","IOInterruptController00000067")
    || ||   "interrupt-parent" = <67000000>
    || ||   "compatible" = <6176653200>
    || ||   "interrupts" = <300200002a020000290200002c0200002b020000>
    || ||   "clock-ids" = <5e010000>
    || ||   "pre-loaded" = <01000000>
    || ||   "soc-id" = <743831303300>
    || ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"         First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"           Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
    || ||   "device_type" = <61766500>
    || ||   "power-gates" = <270100002801000029010000790000007a0000007b0000007c000000780000002a010000>
    || ||   "reg" =
<000010670000000000c0450000000000000080670000000000008000000000000000567000000000080000000
000000080703b0000000000040000000000000000006600000000000000000100000000>
    || ||   "segment-ranges" =
<0000a20008000000000000000000000000a2000800000000800f000300000000009d010800000000800f000000
000000800f000f00000000801200000000000000>
    || ||}
    || ||
    || | +-o AppleAVE2Driver  <class AppleAVE2Driver, id 0x1000003d2, registered, matched, active, busy 0 (2 ms), retain
7>
    || |     {
    || |       "IOClass" = "AppleAVE2Driver"
    || |       "CFBundleIdentifier" = "com.apple.driver.AppleAVE2"
    || |       "IOProviderClass" = "AppleARMIODevice"
    || |       "H264EncoderCanDo444" = Yes
    || |       "H264EncoderCanDo1080p60" = Yes
    || |       "HEVCEncoderCanDo4k60" = Yes
    || |       "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"DriverPowerState"=
0x0}
    || |       "IOProbeScore" = 0x0
    || |       "IONameMatch" = ("ave2")
    || |       "IOMatchedAtBoot" = Yes
    || |       "IOMatchCategory" = "IODefaultMatchCategory"
    || |       "H264EncoderCanDo422" = Yes
    || |       "H264EncoderCanDo4k30" = Yes
    || |       "HEVCEncoderCanDo4k30" = Yes
    || |       "IONameMatched" = "ave2"
    || |       "IOPersonalityPublisher" = "com.apple.driver.AppleAVE2"
    || |       "CFBundleIdentifierKernel" = "com.apple.driver.AppleAVE2"
    || |     }
    || |
    || +-o dart-ave@67040000  <class AppleARMIODevice, id 0x1000002db, registered, matched, active, busy 0 (231 ms),
retain 9>
    || ||{
    || ||   "dart-id" = <12000000>
    || ||   "IOInterruptSpecifiers" = (<2d020000>)
    || ||   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"         First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"           Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
    || ||   "clock-gates" = <4a010000>
    || ||   "AAPL,phandle" = <e1000000>
    || ||   "bypass" = <00800000>
    || ||   "instance" = <46504144435055444152540054524144414152542400000000554d4d53534d4d5500000000>
    || ||   "IODeviceMemory" = (({"address"=0x267040000,"length"=0x4000}),
({"address"=0x267030000,"length"=0x4000}),({"address"=0x267020000,"length"=0x4000}),
({"address"=0x267044000,"length"=0x4000}))
    || ||   "dart-tunables-instance-1" =
<6000000004000000006100080000000000006100080000000068000000040000000f0f0f00000000000f0f0f00000000
006c00000004000000ffffff0000000000000808080000000000>
    || ||   "tlb-invalid-refetch" = <>
```

|| || "remap" = <01000000>
|| || "dart-options" = <05000000>
|| || "smmu-tunables-instance-0" = <20000000040000000000008000000000000000008000000000>
|| || "IOReportLegendPublic" = Yes
|| || "filter-data-instance-0" =
<0000a20008000000ff7fb1000800000000010100010000000000000f000000ffffffff0f0000000003030001000000>
|| || "IOInterruptControllers" = ("IOInterruptController00000067")
|| || "name" = <646172742d61766500>
|| || "interrupt-parent" = <67000000>
|| || "compatible" = <646172742c743830323000>
|| || "interrupts" = <2d020000>
|| || "page-size" = <00400000>
|| || "diag-config" = <00210080>
|| || "bypass-address" = <00000000000000000000000000000002>
|| || "vm-base" = <00000000>
|| || "dart-tunables-instance-0" =
<600000000400000000006100800000000068000000400000000f0f0f00000000000f0f0f00000000006c00000004000000ffffff00000000000080808000000000>
|| || "smmu-clock-gating" = <>
|| || "error-reflector" = <00c0ff3c02000000>
|| || "device_type" = <6461727400>
|| || "power-gates" = <4a010000>
|| || "reg" =
<00000467000000000040000000000000000000367000000000040000000000000000000267000000000040000000000000004004670000000000400000000000000>
|| || "sids" = <01800000>
|| || }
|| ||
|| | +-o AppleT8020DART <class AppleT8020DART, id 0x1000003b3, registered, matched, active, busy 0 (45 ms), retain 10>
|| | |{
|| | | "IOClass" = "AppleT8020DART"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOPlatformActiveAction" = 0x13880
|| | | "noncompliant-dead-mappings" = No
|| | | "IOPlatformSleepAction" = 0x13880
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = "dart,t8020"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IOUserClientClass" = "IODARTClient"
|| | | "IOFunctionParent000000E1" = <>
|| | | "IONameMatched" = "dart,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| | | "iommu-dart-identity" = <e1000000>
|| | |}
|| | |
|| | +-o mapper-ave@0 <class IODARTMapperNub, id 0x1000003d0, registered, matched, active, busy 0 (15 ms), retain 8>
|| | |{
|| | | "name" = <6d61707065722d61766500>
|| | | "compatible" = <696f6d6d752d6d617070657200>
|| | | "iomd-cache-ttl" = <d0070000>
|| | | "iomd-cache-size" = <80000000>
|| | | "device_type" = <646172742d6d617070657200>
|| | | "reg" = <00000000>
|| | | "AAPL,phandle" = <e2000000>
|| | |}
|| | |
|| | +-o IODARTMapper <class IODARTMapper, id 0x1000003d4, registered, matched, active, busy 0 (13 ms), retain 13>
|| | {
|| | "IOClass" = "IODARTMapper"
|| | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | "IOProviderClass" = "IODARTMapperNub"
|| | "iommu-dart-translation" = Yes
|| | "IOUserClientClass" = "IODARTMapperClient"
|| | "IOProbeScore" = 0x0
|| | "IONameMatch" = "iommu-mapper"
|| | "IOMatchedAtBoot" = Yes
|| | "IOMatchCategory" = "IODefaultMatchCategory"
|| | "IONameMatched" = "iommu-mapper"
|| | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | "IOMapperID" = <e2000000>
|| | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | }
|| |
|| +-o avd@68000000 <class AppleARMIODevice, id 0x1000002dc, registered, matched, active, busy 0 (799 ms), retain 10>
|| ||{
|| || "IOInterruptSpecifiers" = (<1c020000>,<1d020000>)
|| || "ads-present" = <01000000>
|| || "clock-gates" = <2b0100002c0100002d010000>
|| || "AAPL,phandle" = <e3000000>
|| || "IODeviceMemory" = (({"address"=0x268000000,"length"=0x1404000}))
|| || "IOReportLegendPublic" = Yes
|| || "iommu-parent" = <e5000000e6000000e7000000>
|| || "function-mcc_dataset" = <660000005344244d>

    || || "IOInterruptControllers" = ("IOInterruptController00000067","IOInterruptController00000067")
    || || "name" = <61766400>
    || || "interrupt-parent" = <67000000>
    || || "compatible" = <6176642c743831303300>
    || || "clock-ids" = <5d010000>
    || || "interrupts" = <1c0200001d020000>
    || || "avd-version" = <03000000>
    || || "function-avd_reset" = <7e000000545354216600000000>
    || || "decode-samples-per-second" = <c06d0000>
    || || "h264-playback-level" = <2a000000>
    || || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
    || || "device_type" = <61766400>
    || || "power-gates" = <2b0100002c0100002d010000>
    || || "reg" = <000000680000000000040400100000000>
    || ||}
    || ||
    || |+-o AppleAVD <class AppleAVD, id 0x100000362, registered, matched, active, busy 0 (453 ms), retain 34>
    || | |{
    || | | "IOClass" = "AppleAVD"
    || | | "IOPlatformSleepAction" = 0x64
    || | | "AVDKextType" = 0x1
    || | | "H264DecoderSupportsTileDecode" = Yes
    || | | "H264DecoderCanDo444" = Yes
    || | | "IOPersonalityPublisher" = "com.apple.driver.AppleAVD"
    || | | "IOMatchedAtBoot" = Yes
    || | | "FirmwareSize" = " 34676"
    || | | "AVCSupported" = 0x100010000003707
    || | | "IOProviderClass" = "AppleARMIODevice"
    || | | "HEVCSupported" = Yes
    || | | "H264DecoderCanDo422" = Yes
    || | | "HEVCCanDecodeTileToCanvas" = Yes
    || | | "IOAVDH264DecodeCapabilities" =
{"VTSupportedProfileArray"=(0x42,0x4d,0x58,0x64,0x6e,0x7a,0xf4,0x2c),"VTPerProfileDetails"={"122"={"VTMaxDecodeL
evel"=0x50},"66"={"VTMaxDecodeLevel"=0x50},"244"={"VTMaxDecodeLevel"=0x50},"77"={"VTMaxDecodeLevel"=0x50},
"110"={"VTMaxDecodeLevel"=0x50},"100"={"VTMaxDecodeLevel"=0x50},"88"={"VTMaxDecodeLevel"=0x50},"44"={"VTM
axDecodeLevel"=0x50}}}
    || | | "IOProbeScore" = 0x0
    || | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"DriverPowerState"=
0x0}
    || | | "IONameMatch" = ("avd,s5l8920x","avd,t8020","avd,t8030","avd,t8101","avd,t8103")
    || | | "FirmwareVersion" = "0x89255e13"
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleAVD"
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "CFBundleIdentifier" = "com.apple.driver.AppleAVD"
    || | | "IONameMatched" = "avd,t8103"
    || | | "IOAVDHEVCDecodeCapabilities" =
{"VTSupportedProfileArray"=(0x1,0x2,0x3,0x4),"VTPerProfileDetails"={"3"={"VTMaxDecodeLevel"=0xba},"1"={"VTMaxDec
odeLevel"=0xba},"4"={"VTMaxDecodeLevel"=0xba},"2"={"VTMaxDecodeLevel"=0xba}}}
    || | | "IOPlatformWakeAction" = 0x64
    || | |}
    || | |
    || | +-o AppleAVDUserClient <class AppleAVDUserClient, id 0x1000069fe, !registered, !matched, active, busy 0,
retain 5>
    || | | {
    || | | "IOUserClientDefaultLocking" = Yes
    || | | "IOUserClientCreator" = "pid 7078, VTDecoderXPCServ"
    || | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
    || | | "IOUserClientEntitlements" = No
    || | | "IOUserClientDefaultLockingSetProperties" = Yes
    || | | }
    || | |
    || | +-o AppleAVDUserClient <class AppleAVDUserClient, id 0x100007d26, !registered, !matched, active, busy 0,
retain 5>
    || | | {
    || | | "IOUserClientDefaultLocking" = Yes
    || | | "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
    || | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
    || | | "IOUserClientEntitlements" = No
    || | | "IOUserClientDefaultLockingSetProperties" = Yes
    || | | }
    || | |
    || | +-o AppleAVDUserClient <class AppleAVDUserClient, id 0x100007d2a, !registered, !matched, active, busy 0,
retain 5>
    || | | {
    || | | "IOUserClientDefaultLocking" = Yes
    || | | "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
    || | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
    || | | "IOUserClientEntitlements" = No
    || | | "IOUserClientDefaultLockingSetProperties" = Yes
    || | | }
    || | |
    || | +-o AppleAVDUserClient <class AppleAVDUserClient, id 0x100007d34, !registered, !matched, active, busy 0,
retain 5>
    || | | {

```
|| | |    "IOUserClientDefaultLocking" = Yes
|| | |    "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| | |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| | |    "IOUserClientEntitlements" = No
|| | |    "IOUserClientDefaultLockingSetProperties" = Yes
|| | | }
|| | |
|| | +-o AppleAVDUserClient  <class AppleAVDUserClient, id 0x100007d35, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "IOUserClientDefaultLocking" = Yes
|| | |    "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| | |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| | |    "IOUserClientEntitlements" = No
|| | |    "IOUserClientDefaultLockingSetProperties" = Yes
|| | | }
|| | |
|| | +-o AppleAVDUserClient  <class AppleAVDUserClient, id 0x100007d3c, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "IOUserClientDefaultLocking" = Yes
|| | |    "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| | |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| | |    "IOUserClientEntitlements" = No
|| | |    "IOUserClientDefaultLockingSetProperties" = Yes
|| | | }
|| | |
|| | +-o AppleAVDUserClient  <class AppleAVDUserClient, id 0x100007de1, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "IOUserClientDefaultLocking" = Yes
|| | |    "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| | |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| | |    "IOUserClientEntitlements" = No
|| | |    "IOUserClientDefaultLockingSetProperties" = Yes
|| | | }
|| | |
|| | +-o AppleAVDUserClient  <class AppleAVDUserClient, id 0x100007de9, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "IOUserClientDefaultLocking" = Yes
|| | |    "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| | |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| | |    "IOUserClientEntitlements" = No
|| | |    "IOUserClientDefaultLockingSetProperties" = Yes
|| | | }
|| | |
|| | +-o AppleAVDUserClient  <class AppleAVDUserClient, id 0x100007def, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "IOUserClientDefaultLocking" = Yes
|| | |    "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| | |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| | |    "IOUserClientEntitlements" = No
|| | |    "IOUserClientDefaultLockingSetProperties" = Yes
|| | | }
|| | |
|| | +-o AppleAVDUserClient  <class AppleAVDUserClient, id 0x100007df0, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "IOUserClientDefaultLocking" = Yes
|| | |    "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| | |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| | |    "IOUserClientEntitlements" = No
|| | |    "IOUserClientDefaultLockingSetProperties" = Yes
|| | | }
|| | |
|| | +-o AppleAVDUserClient  <class AppleAVDUserClient, id 0x100007dfd, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "IOUserClientDefaultLocking" = Yes
|| | |    "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| | |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| | |    "IOUserClientEntitlements" = No
|| | |    "IOUserClientDefaultLockingSetProperties" = Yes
|| | | }
|| | |
|| | +-o AppleAVDUserClient  <class AppleAVDUserClient, id 0x100007e00, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "IOUserClientDefaultLocking" = Yes
|| | |    "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| | |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| | |    "IOUserClientEntitlements" = No
|| | |    "IOUserClientDefaultLockingSetProperties" = Yes
|| | | }
|| | |
|| | +-o AppleAVDUserClient  <class AppleAVDUserClient, id 0x100007e01, !registered, !matched, active, busy 0,
retain 5>
|| | | {
```

```
|| | |    "IOUserClientDefaultLocking" = Yes
|| | |    "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| | |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| | |    "IOUserClientEntitlements" = No
|| | |    "IOUserClientDefaultLockingSetProperties" = Yes
|| | | }
|| | |
|| | +-o AppleAVDUserClient  <class AppleAVDUserClient, id 0x100007e15, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "IOUserClientDefaultLocking" = Yes
|| | |    "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| | |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| | |    "IOUserClientEntitlements" = No
|| | |    "IOUserClientDefaultLockingSetProperties" = Yes
|| | | }
|| | |
|| | +-o AppleAVDUserClient  <class AppleAVDUserClient, id 0x100007e26, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "IOUserClientDefaultLocking" = Yes
|| | |    "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| | |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| | |    "IOUserClientEntitlements" = No
|| | |    "IOUserClientDefaultLockingSetProperties" = Yes
|| | | }
|| | |
|| | +-o AppleAVDUserClient  <class AppleAVDUserClient, id 0x100007e2c, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "IOUserClientDefaultLocking" = Yes
|| | |    "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| | |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| | |    "IOUserClientEntitlements" = No
|| | |    "IOUserClientDefaultLockingSetProperties" = Yes
|| | | }
|| | |
|| | +-o AppleAVDUserClient  <class AppleAVDUserClient, id 0x100007e2e, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "IOUserClientDefaultLocking" = Yes
|| | |    "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| | |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| | |    "IOUserClientEntitlements" = No
|| | |    "IOUserClientDefaultLockingSetProperties" = Yes
|| | | }
|| | |
|| | +-o AppleAVDUserClient  <class AppleAVDUserClient, id 0x100007e33, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "IOUserClientDefaultLocking" = Yes
|| | |    "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| | |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| | |    "IOUserClientEntitlements" = No
|| | |    "IOUserClientDefaultLockingSetProperties" = Yes
|| | | }
|| | |
|| | +-o AppleAVDUserClient  <class AppleAVDUserClient, id 0x100007e35, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "IOUserClientDefaultLocking" = Yes
|| | |    "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| | |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| | |    "IOUserClientEntitlements" = No
|| | |    "IOUserClientDefaultLockingSetProperties" = Yes
|| | | }
|| | |
|| | +-o AppleAVDUserClient  <class AppleAVDUserClient, id 0x100007e4a, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "IOUserClientDefaultLocking" = Yes
|| | |    "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| | |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| | |    "IOUserClientEntitlements" = No
|| | |    "IOUserClientDefaultLockingSetProperties" = Yes
|| | | }
|| | |
|| | +-o AppleAVDUserClient  <class AppleAVDUserClient, id 0x100007e4b, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "IOUserClientDefaultLocking" = Yes
|| | |    "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| | |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| | |    "IOUserClientEntitlements" = No
|| | |    "IOUserClientDefaultLockingSetProperties" = Yes
|| | | }
|| | |
|| | +-o AppleAVDUserClient  <class AppleAVDUserClient, id 0x100007e4d, !registered, !matched, active, busy 0,
retain 5>
|| | | {
```

```
|| |  |     "IOUserClientDefaultLocking" = Yes
|| |  |     "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| |  |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| |  |     "IOUserClientEntitlements" = No
|| |  |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |  | }
|| |  |
|| |  +-o AppleAVDUserClient  <class AppleAVDUserClient, id 0x100007e5d, !registered, !matched, active, busy 0,
retain 5>
|| |  | {
|| |  |     "IOUserClientDefaultLocking" = Yes
|| |  |     "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| |  |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| |  |     "IOUserClientEntitlements" = No
|| |  |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |  | }
|| |  |
|| |  +-o AppleAVDUserClient  <class AppleAVDUserClient, id 0x100007e66, !registered, !matched, active, busy 0,
retain 5>
|| |  | {
|| |  |     "IOUserClientDefaultLocking" = Yes
|| |  |     "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| |  |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| |  |     "IOUserClientEntitlements" = No
|| |  |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |  | }
|| |  |
|| |  +-o AppleAVDUserClient  <class AppleAVDUserClient, id 0x100007e6a, !registered, !matched, active, busy 0,
retain 5>
|| |  | {
|| |  |     "IOUserClientDefaultLocking" = Yes
|| |  |     "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| |  |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| |  |     "IOUserClientEntitlements" = No
|| |  |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |  | }
|| |  |
|| |  +-o AppleAVDUserClient  <class AppleAVDUserClient, id 0x100007e9b, !registered, !matched, active, busy 0,
retain 5>
|| |  | {
|| |  |     "IOUserClientDefaultLocking" = Yes
|| |  |     "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| |  |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| |  |     "IOUserClientEntitlements" = No
|| |  |     "IOUserClientDefaultLockingSetProperties" = Yes
|| |  | }
|| |  |
|| |  +-o AppleAVDUserClient  <class AppleAVDUserClient, id 0x10000a23d, !registered, !matched, active, busy 0,
retain 5>
|| |    {
|| |      "IOUserClientDefaultLocking" = Yes
|| |      "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| |      "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|| |      "IOUserClientEntitlements" = No
|| |      "IOUserClientDefaultLockingSetProperties" = Yes
|| |    }
|| |
|| +-o dart-avd@69010000  <class AppleARMIODevice, id 0x1000002dd, registered, matched, active, busy 0 (222 ms),
retain 11>
|| || {
|| || "dart-id" = <13000000>
|| || "IOInterruptSpecifiers" = (<23020000>)
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "clock-gates" = <45010000>
|| || "AAPL,phandle" = <e4000000>
|| || "bypass" = <00800000>
|| || "instance" = <545241444441525400000000>
|| || "IODeviceMemory" = (({"address"=0x269010000,"length"=0x4000}))
|| || "IOReportLegendPublic" = Yes
|| || "tlb-invalid-refetch" = <>
|| || "dart-options" = <05000000>
|| || "IOInterruptControllers" = ("IOInterruptController00000067")
|| || "name" = <646172742d61766400>
|| || "interrupt-parent" = <67000000>
|| || "compatible" = <646172742c743830323000>
|| || "page-size" = <00400000>
|| || "interrupts" = <23020000>
|| || "diag-config" = <00210080>
|| || "bypass-address" = <00000000000000000000000000000002>
|| || "dart-tunables-instance-0" =
<6000000004000000006100800000000000610080000000006800000040000000f0f0f00000000000f0f0f00000000
006c00000004000000ffffff000000000000808080000000000>
|| || "error-reflector" = <00c0ff3c02000000>
|| || "device_type" = <6461727400>
|| || "power-gates" = <45010000>
```

```
|| || "reg" = <0000016900000000040000000000000000>
|| || "sids" = <07800000>
|| ||}
|| ||
|| |+-o AppleT8020DART  <class AppleT8020DART, id 0x100000364, registered, matched, active, busy 0 (57 ms),
retain 1210>
|| | |{
|| | |  "IOClass" = "AppleT8020DART"
|| | |  "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| | |  "IOProviderClass" = "AppleARMIODevice"
|| | |  "IOPlatformActiveAction" = 0x13880
|| | |  "noncompliant-dead-mappings" = No
|| | |  "IOPlatformSleepAction" = 0x13880
|| | |  "IOProbeScore" = 0x0
|| | |  "IONameMatch" = "dart,t8020"
|| | |  "IOMatchedAtBoot" = Yes
|| | |  "IOMatchCategory" = "IODefaultMatchCategory"
|| | |  "IOUserClientClass" = "IODARTClient"
|| | |  "IONameMatched" = "dart,t8020"
|| | |  "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| | |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| | |  "iommu-dart-identity" = <e4000000>
|| | |  "IOFunctionParent000000E4" = <>
|| | |}
|| | |
|| | +-o mapper-avd@0  <class IODARTMapperNub, id 0x100000394, registered, matched, active, busy 0 (55 ms),
retain 8>
|| | ||{
|| | ||  "name" = <6d61707065722d61766400>
|| | ||  "compatible" = <696f6d6d752d6d617070657200>
|| | ||  "iomd-cache-ttl" = <d0070000>
|| | ||  "iomd-cache-size" = <40000000>
|| | ||  "device_type" = <646172742d6d617070657200>
|| | ||  "reg" = <00000000>
|| | ||  "AAPL,phandle" = <e5000000>
|| | ||}
|| | ||
|| | +-o IODARTMapper  <class IODARTMapper, id 0x100000434, registered, matched, active, busy 0 (6 ms), retain
2404>
|| | |  {
|| | |    "IOClass" = "IODARTMapper"
|| | |    "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | |    "IOProviderClass" = "IODARTMapperNub"
|| | |    "iommu-dart-translation" = Yes
|| | |    "IOUserClientClass" = "IODARTMapperClient"
|| | |    "IOProbeScore" = 0x0
|| | |    "IONameMatch" = "iommu-mapper"
|| | |    "IOMatchedAtBoot" = Yes
|| | |    "IOMatchCategory" = "IODefaultMatchCategory"
|| | |    "IONameMatched" = "iommu-mapper"
|| | |    "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | |    "IOMapperID" = <e5000000>
|| | |    "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | |  }
|| | |
|| | +-o mapper-avd-piodma@1  <class IODARTMapperNub, id 0x10000039d, registered, matched, active, busy 0 (24
ms), retain 8>
|| | ||{
|| | ||  "name" = <6d61707065722d6176642d70696f646d6100>
|| | ||  "compatible" = <696f6d6d752d6d617070657200>
|| | ||  "iomd-cache-ttl" = <d0070000>
|| | ||  "iomd-cache-size" = <40000000>
|| | ||  "device_type" = <646172742d6d617070657200>
|| | ||  "reg" = <01000000>
|| | ||  "AAPL,phandle" = <e6000000>
|| | ||}
|| | ||
|| | +-o IODARTMapper  <class IODARTMapper, id 0x1000003bd, registered, matched, active, busy 0 (8 ms), retain
40>
|| | |  {
|| | |    "IOClass" = "IODARTMapper"
|| | |    "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | |    "IOProviderClass" = "IODARTMapperNub"
|| | |    "iommu-dart-translation" = Yes
|| | |    "IOUserClientClass" = "IODARTMapperClient"
|| | |    "IOProbeScore" = 0x0
|| | |    "IONameMatch" = "iommu-mapper"
|| | |    "IOMatchedAtBoot" = Yes
|| | |    "IOMatchCategory" = "IODefaultMatchCategory"
|| | |    "IONameMatched" = "iommu-mapper"
|| | |    "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | |    "IOMapperID" = <e6000000>
|| | |    "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | |  }
|| | |
|| | +-o mapper-avd-adsbuf@2  <class IODARTMapperNub, id 0x10000039e, registered, matched, active, busy 0 (24
ms), retain 8>
|| | |{
|| | |  "name" = <6d61707065722d6176642d61647362756600>
|| | |  "compatible" = <696f6d6d752d6d617070657200>
```

```
|| |  |  "iomd-cache-ttl" = <d0070000>
|| |  |  "iomd-cache-size" = <40000000>
|| |  |  "device_type" = <646172742d6d617070657200>
|| |  |  "reg" = <02000000>
|| |  |  "AAPL,phandle" = <e7000000>
|| |  |}
|| |  |
|| |  +-o IODARTMapper  <class IODARTMapper, id 0x1000003ba, registered, matched, active, busy 0 (8 ms), retain
9>
|| |      {
|| |        "IOClass" = "IODARTMapper"
|| |        "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| |        "IOProviderClass" = "IODARTMapperNub"
|| |        "iommu-dart-translation" = Yes
|| |        "IOUserClientClass" = "IODARTMapperClient"
|| |        "IOProbeScore" = 0x0
|| |        "IONameMatch" = "iommu-mapper"
|| |        "IOMatchedAtBoot" = Yes
|| |        "IOMatchCategory" = "IODefaultMatchCategory"
|| |        "IONameMatched" = "iommu-mapper"
|| |        "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| |        "IOMapperID" = <e7000000>
|| |        "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| |      }
|| |
|| +-o isp@2A000000  <class AppleARMIODevice, id 0x1000002de, registered, matched, active, busy 0 (1922 ms),
retain 9>
|| ||{
|| ||  "function-bw_req_interrupt" = <7e00000051524942640000002000000001000000>
|| ||  "function-ane_data_param_get" = <eb00000074654764>
|| ||  "function-ane_ep_control" = <eb0000006c744365>
|| ||  "function-saca0c" = <1a01000041434153346d6163>
|| ||  "interrupt-parent" = <67000000>
|| ||  "interrupts" = <f6000000f7000000f8000000f9000000>
|| ||  "has-sphere" = <01000000>
|| ||  "function-saca2c" = <1a01000041434153356d6163>
|| ||  "function-saca3b" = <1a01000041434153436d6163>
|| ||  "function-saca5" = <1a01000041434153476d6163>
|| ||  "iommu-parent" = <ea000000>
|| ||  "face-detection-support" = <01000000>
|| ||  "function-ane_data_param_set" = <eb00000074655364>
|| ||  "camera-rear" = <01000000>
|| ||  "function-saca4c" = <1a01000041434153466d6163>
|| ||  "clock-gates" = <33010000190000001a0000001b0000001c00000034010000>
|| ||  "uuid" = <30453735364343352d463946462d334244412d423431412d42453334133313434231323700>
|| ||  "segment-names" = <5f5f544558543b5f5f4441544100>
|| ||  "function-saca0" = <1a01000041434153306d6163>
|| ||  "pre-loaded" = <01000000>
|| ||  "asc-dram-mask" = <000000000f000000>
|| ||  "lpdprx_phy_efuse" = <0d000000>
|| ||  "lpdprx_phy1_efuse" = <0d000000>
|| ||  "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptControlle
r00000067")
|| ||  "IODeviceMemory" = (({"address"=0x22a000000,"length"=0x4000000}),
({"address"=0x23b700000,"length"=0x8c000}),({"address"=0x23c260000,"length"=0x4000}),
({"address"=0x23c280000,"length"=0x4000}),({"address"=0x23c290000,"length"=0x4000}))
|| ||  "function-saca4" = <1a01000041434153446d6163>
|| ||  "AAPL,phandle" = <e8000000>
|| ||  "name" = <69737000>
|| ||  "power-gates" = <33010000190000001a0000001b0000001c00000034010000>
|| ||  "function-clock_req_interrupt" = <7e00000051524943640000002100000001000000>
|| ||  "function-saca0b" = <1a01000041434153326d6163>
|| ||  "clock-ids" = <5201000055010000>
|| ||  "device_type" = <69737000>
|| ||  "compatible" = <6973702c7438313033006973702c73356c383936307800>
|| ||  "function-saca2b" = <1a01000041434153336d6163>
|| ||  "function-saca3" = <1a01000041434153426d6163>
|| ||  "function-device_reset" = <7e0000005453524164000000>
|| ||  "camera-front" = <01000000>
|| ||  "function-mcc_dataset" = <660000005344244d>
|| ||  "function-saca2d" = <1a01000041434153366d6163>
|| ||  "segment-ranges" =
<0000b60008000000000000000000000000b600080000000009e00030000000000bd010800000000009e00000
0000000009e000f000000004043000000000>
|| ||  "function-saca4b" = <1a01000041434153456d6163>
|| ||  "sensor-type" = <01000000>
|| ||  "IOReportLegendPublic" = Yes
|| ||  "reg" =
<0000002a000000000000000400000000000000703b0000000000c008000000000000000263c0000000000400000000
000000000283c00000000004000000000000000000293c000000000040000000000000>
|| ||  "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| ||  "function-saca2" = <1a01000041434153316d6163>
|| ||  "IOInterruptSpecifiers" = (<f6000000>,<f7000000>,<f8000000>,<f9000000>)
|| ||}
```

```
 || ||
 || | +-o AppleH13CamIn  <class AppleH13CamIn, id 0x1000003da, registered, matched, active, busy 0 (186 ms), retain
11>
 || | |{
 || | |   "IOClass" = "AppleH13CamIn"
 || | |   "IOFunctionParent000000E8" = <>
 || | |   "FrontIRStructuredLightProjectorSerialNumString" = "XXXXXXXX"
 || | |   "ISPFirmwareVersion" = "49.500"
 || | |   "IOPersonalityPublisher" = "com.apple.driver.AppleH13CameraInterface"
 || | |   "IOMatchedAtBoot" = Yes
 || | |   "IOReportLegendPublic" = Yes
 || | |   "IOPowerManagement" =
{"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1}
 || | |   "IOProviderClass" = "AppleARMIODevice"
 || | |   "FrontCameraSerialNumber" = <0000000000000000>
 || | |   "FrontCameraModuleSerialNumString" = "CC214150QA2PM0D7T"
 || | |   "SavageDATFileStatus" = "Unknown"
 || | |   "IOProbeScore" = 0x0
 || | |   "RamdiskMode" = No
 || | |   "IONameMatch" = "isp,t8103"
 || | |   "FrontCameraExpected" = Yes
 || | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleH13CameraInterface"
 || | |   "FCCIValidationStatus" = "Invalid"
 || | |   "IOMatchCategory" = "IODefaultMatchCategory"
 || | |   "CFBundleIdentifier" = "com.apple.driver.AppleH13CameraInterface"
 || | |   "FirmwareLoaded" = Yes
 || | |   "IONameMatched" = "isp,t8103"
 || | |   "FrontCameraActive" = No
 || | |   "CmPMValidationStatus" = "Unknown"
 || | |   "CmCIValidationStatus" = "Unsupported"
 || | |   "YonkersDATFileStatus" = "Unknown"
 || | |   "FrontCameraStreaming" = No
 || | |   "IOReportLegend" =
({"IOReportGroupName"="ISP","IOReportChannels"=((0x746f7420696e7400,0x180000001,"Total Interrupts"),
(0x707772206f6e0000,0x180000001,"Number Power Ups"),(0x707772206f666600,0x180000001,"Number Power
Downs"),(0x7361633020636e74,0x180000001,"Number SAC Action0"),(0x7361633120636e74,0x180000001,"Number
SAC Action1"),(0x7361633220636e74,0x180000001,"Number SAC Action2"),
(0x7361633420636e74,0x180000001,"Number SAC Action4"),(0x7361633066616931,0x180000001,"Number SAC
Action0 FreqArray1"),(0x7361633166616931,0x180$
 || | |   "RestoreMode" = No
 || | |   "IOGeneralInterest" = "IOCommand is not serializable"
 || | |   "ISPFirmwareLinkDate" = "Apr 18 2025 - 21:23:10"
 || | |}
 || | |
 || | +-o AppleH13CamInUserClient  <class AppleH13CamInUserClient, id 0x100000b9d, !registered, !matched, active,
busy 0, retain 5>
 || |   {
 || |     "IOUserClientCreator" = "pid 504, appleh13camerad"
 || |   }
 || |
 || +-o dart-isp@2C0E8000  <class AppleARMIODevice, id 0x1000002df, registered, matched, active, busy 0 (233 ms),
retain 9>
 || ||{
 || ||   "page-size" = <00400000>
 || ||   "smmu-tunables-instance-1" = <200000000400000000000080000000000000000008000000000>
 || ||   "filter-data-instance-0" =
<0000b60008000000ffff530108000000001010001000000000000000f000000ffffffff0f00000000030300010000000
0040703b020000006340703b0200000000030100010000000080733b02000000ffbf733b02000000000301000100000000
000263c020000006b00263c0200000000030100010000000000283c020000000b330283c020000000000301000100000
00000293c020000000b330293c020000000000301000100000000002a3c020000000b3302a3c020000000000301000100
00000c0c33b020000000c0c33b0200000000003010001000000000c0424a0200000000c0424a0200000000003010001
000000080444a020000000380444a0$
 || ||   "error-reflector" = <00c0ff3c02000000>
 || ||   "interrupt-parent" = <67000000>
 || ||   "dart-id" = <14000000>
 || ||   "interrupts" = <fb000000>
 || ||   "smmu-tunables-instance-0" = <200000000400000000000080000000000000000008000000000>
 || ||   "real-time" = <>
 || ||   "pio-vm-size" = <00000004>
 || ||   "sids" = <01800000>
 || ||   "pio-granularity" = <00000001>
 || ||   "clock-gates" = <49010000>
 || ||   "IOInterruptControllers" = ("IOInterruptController00000067")
 || ||   "smmu-clock-gating" = <>
 || ||   "vm-size" = <000000a0>
 || ||   "bypass-address" = <0000000000000000000000000000000002>
 || ||   "diag-config" = <00210080>
 || ||   "IODeviceMemory" = (({"address"=0x22c0e8000,"length"=0x4000}),
({"address"=0x22c0f4000,"length"=0x4000}),({"address"=0x22c0fc000,"length"=0x4000}),
({"address"=0x22c0f0000,"length"=0x4000}),({"address"=0x22c0f8000,"length"=0x4000}),
({"address"=0x22c0ec000,"length"=0x4000}))
 || ||   "tlb-invalid-refetch" = <>
 || ||   "AAPL,phandle" = <e9000000>
 || ||   "name" = <646172742d69737000>
 || ||   "power-gates" = <49010000>
 || ||   "bypass" = <00800000>
 || ||   "dart-tunables-instance-2" =
<600000000040000000006100800000000000061008000000000680000000040000000f0f0f00000000000f0f0f00000000
006c00000004000000ffffff00000000000808080000000000>
 || ||   "instance" =
```

<46504144444152544c4c540054524144444415254424c4b0054524144444415254254400000554d4d53534d4d55424c4b00554d4d53534d4d5552540000>
|| || "manual-availability" = <01000000>
|| || "device_type" = <6461727400>
|| || "compatible" = <646172742c743830323000>
|| || "dart-options" = <0d000000>
|| || "dart-tunables-instance-1" =
<6000000004000000006100800000000000610080000000000680000000400000000f0f0f00000000000f0f0f00000000006c00000004000000ffffff00000000000080808000000000000>
|| || "pio-vm-base" = <000000fb>
|| || "IOReportLegendPublic" = Yes
|| || "vm-base" = <00000000>
|| || "reg" =
<00800e2c00000000004000000000000000400f2c0000000000400000000000000c00f2c00000000004000000000000000000000f2c0000000000400000000000000000800f2c0000000000400000000000000c00e2c00000000004000000000000000000000>
|| || "dart-tunables-instance-0" =
<6000000004000000006100800000000000610080000000000680000000400000000f0f0f00000000000f0f0f00000000006c00000004000000ffffff00000000000080808000000000000>
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "IOInterruptSpecifiers" = (<fb000000>)
|| ||}
|| ||
|| |+-o AppleT8020DART <class AppleT8020DART, id 0x100000389, registered, matched, active, busy 0 (67 ms),
retain 16>
|| | |{
|| | | "IOClass" = "AppleT8020DART"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOPlatformActiveAction" = 0x13880
|| | | "noncompliant-dead-mappings" = No
|| | | "IOPlatformSleepAction" = 0x13880
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = "dart,t8020"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IOUserClientClass" = "IODARTClient"
|| | | "IONameMatched" = "dart,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| | | "iommu-dart-identity" = <e9000000>
|| | | "IOFunctionParent000000E9" = <>
|| | |}
|| | |
|| | +-o mapper-isp@0 <class IODARTMapperNub, id 0x10000038a, registered, matched, active, busy 0 (67 ms),
retain 8>
|| | |{
|| | | "device_type" = <646172742d6d617070657200>
|| | | "compatible" = <696f6d6d752d6d617070657200>
|| | | "pio-range" =
<0040703b020000000040000000000000080733b020000000040000000000000c0c33b0200000000400000000000000c0424a0200000000040000000000000263c0200000000400000000000000283c020000000040000000000000293c0200000000400000000000000002a3c0200000000400000000000000466b020000000040000000000000004001000200000000400000000000000400500020000000040000000000000040090002000000040000000000000000400d0002000000040000000000000000>
|| | | "iomd-cache-ttl" = <d0070000>
|| | | "iomd-cache-size" = <80010000>
|| | | "reg" = <00000000>
|| | | "AAPL,phandle" = <ea000000>
|| | | "name" = <6d61707065722d69737000>
|| | |}
|| | |
|| | +-o IODARTMapper <class IODARTMapper, id 0x10000038f, registered, matched, active, busy 0 (66 ms), retain
167>
|| | {
|| | "IOClass" = "IODARTMapper"
|| | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | "IOProviderClass" = "IODARTMapperNub"
|| | "iommu-dart-translation" = Yes
|| | "IOUserClientClass" = "IODARTMapperClient"
|| | "IOProbeScore" = 0x0
|| | "IONameMatch" = "iommu-mapper"
|| | "IOMatchedAtBoot" = Yes
|| | "IOMatchCategory" = "IODefaultMatchCategory"
|| | "IONameMatched" = "iommu-mapper"
|| | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | "IOMapperID" = <ea000000>
|| | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | }
|| |
|| +-o ane@6A000000 <class AppleARMIODevice, id 0x1000002e0, registered, matched, active, busy 0 (2932 ms),
retain 8>
|| ||{
|| || "IOInterruptSpecifiers" = (<a0010000>)
|| || "clock-gates" = <2e010000>

    || || "AAPL,phandle" = <eb000000>
    || || "IODeviceMemory" = (({"address"=0x26a000000,"length"=0x2000000}),
({"address"=0x23b700000,"length"=0x8c000}))
    || || "IOReportLegendPublic" = Yes
    || || "ane-type" = <40000000>
    || || "segment-names" = <5f5f544558543b5f5f4441544100>
    || || "iommu-parent" = <ed000000>
    || || "function-mcc_dataset" = <660000005344244d>
    || || "uuid" = <44323331313541452d363139462d334233442d414239452d41433145464639393344363200>
    || || "asc-dram-mask" = <000000000f000000>
    || || "name" = <616e6500>
    || || "IOInterruptControllers" = ("IOInterruptController00000067")
    || || "interrupt-parent" = <67000000>
    || || "compatible" = <616e652c743830323000>
    || || "interrupts" = <a0010000>
    || || "clock-ids" = <40010000410100042010000>
    || || "pre-loaded" = <01000000>
    || || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
    || || "device_type" = <616e6500>
    || || "power-gates" = <2e010000>
    || || "reg" = <0000006a000000000000002000000000000703b0000000000c0080000000000>
    || || "segment-ranges" =
<00c0930008000000000000000000000000c0930008000000400e000300000000c058010800000000400e00000
0000000400e000f0000000040440000000000>
    || || }
    || ||
    || | +-o H11ANE <class H11ANEIn, id 0x10000043c, registered, matched, active, busy 0 (468 ms), retain 14>
    || | | {
    || | | "IOClass" = "H11ANEIn"
    || | | "CFBundleIdentifier" = "com.apple.driver.AppleH11ANEInterface"
    || | | "IOProviderClass" = "AppleARMIODevice"
    || | | "IOPowerManagement" =
{"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1}
    || | | "IOProbeScore" = 0x0
    || | | "IONameMatch" = "ane,t8020"
    || | | "IOMatchedAtBoot" = Yes
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "IOReportLegend" = ({"IOReportGroupName"="H11ANE","IOReportChannels"=((0x0,0x180000001,"Total
Interrupts"),(0x1,0x180000001,"Number Power Ups"),(0x2,0x180000001,"Number Power Downs"),
(0x3,0x180000001,"Memory Alloc Requests"),(0x4,0x180000001,"Memory Free Requests"),(0x5,0x180000001,"ANECPU
Commands Sent"),(0x6,0x180000001,"ANECPU Responses Received"),(0x7,0x180000001,"H2T Buffer Responses"),
(0x8,0x180000001,"T2H Buffer Notifications"),(0x9,0x180000001,"T2H IO Commands"),(0xa,0x180000001,"ANECPU Log
Messages"),(0xb,0x180000001$
    || | | "IOReportLegendPublic" = Yes
    || | | "IOGeneralInterest" = "IOCommand is not serializable"
    || | | "IONameMatched" = "ane,t8020"
    || | | "IOPersonalityPublisher" = "com.apple.driver.AppleH11ANEInterface"
    || | | "DeviceProperties" =
{"ANEDevicePropertyANECPUSubType"=0x4,"ANEDevicePropertyIsInternalBuild"=No,"ANEDevicePropertyANEVersion"=0x
40,"ANEDevicePropertyANEMinorVersion"=0x11,"ANEDevicePropertyANEHWBoardType"=0x40,"ANEDevicePropertyANEH
WBoardSubType"=0x0,"ANEDevicePropertyNumANECores"=0x10,"ANEDevicePropertyTypeANEArchitectureTypeStr"="h13
g"}
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleH11ANEInterface"
    || | | "FirmwareLoaded" = Yes
    || | | "IOFunctionParent000000EB" = <>
    || | | }
    || | |
    || | +-o ANEClientHints <class ANEClientHints, id 0x1000008ae, registered, matched, active, busy 0 (0 ms), retain 6>
    || | {
    || | }
    || |
    || +-o dart-ane@6B800000 <class AppleARMIODevice, id 0x1000002e1, registered, matched, active, busy 0 (211 ms),
retain 9>
    || || {
    || || "page-size" = <00400000>
    || || "filter-data-instance-0" =
<00c0930008000000ffffa10008000000000101000100000000000000f000000ffffffff0f000000000303000100000000
c0452b0200000003c0452b02000000000301000100000000c0703b0200000033c0703b02000000000301000100000000
0080460602000000380460602000000000301000100000000>
    || || "error-reflector" = <00c0ff3c02000000>
    || || "interrupt-parent" = <67000000>
    || || "dart-id" = <15000000>
    || || "interrupts" = <a1010000>
    || || "pio-vm-size" = <00000002>
    || || "sids" = <01a00000>
    || || "pio-granularity" = <00000001>
    || || "clock-gates" = <46010000>
    || || "IOInterruptControllers" = ("IOInterruptController00000067")
    || || "vm-size" = <000000e0>
    || || "bypass-address" = <0000000000000000000000000080002>
    || || "diag-config" = <00210080>
    || || "IODeviceMemory" = (({"address"=0x26b800000,"length"=0x4000}),
({"address"=0x26b810000,"length"=0x4000}),({"address"=0x26b820000,"length"=0x4000}),
({"address"=0x26b804000,"length"=0x4000}))
    || || "tlb-invalid-refetch" = <>

```
|| || "AAPL,phandle" = <ec000000>
|| || "name" = <646172742d616e6500>
|| || "power-gates" = <46010000>
|| || "bypass" = <00a00000>
|| || "dart-tunables-instance-2" =
<600000000400000000610080000000006100800000000068000000040000000f0f0f00000000000f0f0f00000000
006c00000004000000ffffff000000000000808080000000000>
|| || "instance" = <46504144444152544c4c5400545241444441152544252440054524144444152544257520>
|| || "manual-availability" = <01000000>
|| || "device_type" = <6461727400>
|| || "compatible" = <646172742c743830303233000>
|| || "dart-options" = <0d000000>
|| || "dart-tunables-instance-1" =
<600000000400000006100800000000006100800000000068000000040000000f0f0f00000000000f0f0f00000000
006c00000004000000ffffff00000000000808080000000000>
|| || "pio-vm-base" = <000000fd>
|| || "IOReportLegendPublic" = Yes
|| || "vm-base" = <00000000>
|| || "reg" =
<0000806b0000000000400000000000000000816b000000000400000000000000000826b0000000000400000000
000000040806b000000000040000000000000>
|| || "dart-tunables-instance-0" =
<600000000400000006100800000000006100800000000068000000040000000f0f0f00000000000f0f0f00000000
006c00000004000000ffffff00000000000808080000000000>
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"     First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "IOInterruptSpecifiers" = (<a1010000>)
|| ||}
|| ||
|| |+-o AppleT8020DART  <class AppleT8020DART, id 0x100000443, registered, matched, active, busy 0 (1 ms), retain
16>
|| | |{
|| | |  "IOClass" = "AppleT8020DART"
|| | |  "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| | |  "IOProviderClass" = "AppleARMIODevice"
|| | |  "IOFunctionParent000000EC" = <>
|| | |  "IOPlatformActiveAction" = 0x13880
|| | |  "noncompliant-dead-mappings" = No
|| | |  "IOPlatformSleepAction" = 0x13880
|| | |  "IOProbeScore" = 0x0
|| | |  "IONameMatch" = "dart,t8020"
|| | |  "IOMatchedAtBoot" = Yes
|| | |  "IOMatchCategory" = "IODefaultMatchCategory"
|| | |  "IOUserClientClass" = "IODARTClient"
|| | |  "IONameMatched" = "dart,t8020"
|| | |  "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| | |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| | |  "iommu-dart-identity" = <ec000000>
|| | |}
|| | |
|| | +-o mapper-ane@0  <class IODARTMapperNub, id 0x100000447, registered, matched, active, busy 0 (0 ms),
retain 8>
|| | | |{
|| | | | "device_type" = <646172742d6d617070657200>
|| | | | "compatible" = <696f6d6d752d6d617070657200>
|| | | | "pio-range" = <00c0452b0200000000000010000000000000000703b0200000000c0080000000000000>
|| | | | "iomd-cache-ttl" = <d0070000>
|| | | | "iomd-cache-size" = <00020000>
|| | | | "reg" = <00000000>
|| | | | "AAPL,phandle" = <ed000000>
|| | | | "name" = <6d61707065722d616e6500>
|| | | |}
|| | | |
|| | | +-o IODARTMapper  <class IODARTMapper, id 0x100000449, registered, matched, active, busy 0 (0 ms), retain
1041>
|| | |    {
|| | |      "IOClass" = "IODARTMapper"
|| | |      "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | |      "IOProviderClass" = "IODARTMapperNub"
|| | |      "iommu-dart-translation" = Yes
|| | |      "IOUserClientClass" = "IODARTMapperClient"
|| | |      "IOProbeScore" = 0x0
|| | |      "IONameMatch" = "iommu-mapper"
|| | |      "IOMatchedAtBoot" = Yes
|| | |      "IOMatchCategory" = "IODefaultMatchCategory"
|| | |      "IONameMatched" = "iommu-mapper"
|| | |      "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | |      "IOMapperID" = <ed000000>
|| | |      "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | |    }
|| |
|| +-o sgx@4000000  <class AppleARMIODevice, id 0x1000002e2, registered, matched, active, busy 0 (854 ms),
retain 9>
|| ||{
|| || "gpu-ppm-kp" = <cdccdc40>
|| || "gpu-perf-tgt-utilization" = <55000000>
```

```
|| || "gpu-region-size" = <0040000000000000>
|| || "gpu-avg-power-target-filter-tc" = <7d000000>
|| || "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptControlle
r00000067","IOInterruptController00000067")
|| || "procedural-antialiasing" = <>
|| || "gpu-perf-proportional-gain2" = <d053db40>
|| || "rtkit-private-vm-region-size" = <0000000020000000>
|| || "gpu-perf-filter-drop-threshold" = <00000000>
|| || "opengl-standard" = <00030000>
|| || "clock-ids" = <3d010000>
|| || "gpu-fast-die0-integral-gain" = <00004843>
|| || "gpu-fast-die0-proportional-gain" = <0000a040>
|| || "IODeviceMemory" = (({"address"=0x204000000,"length"=0x4000000}),
({"address"=0x204d00000,"length"=0x20000}))
|| || "has-kf" = <01000000>
|| || "reg" = <00000004000000000000000040000000000000d0040000000000000020000000000>
|| || "gpu-sochot-temp" = <6f000000>
|| || "gpu-perf-filter-time-constant" = <05000000>
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200040000,0x100020001,"          First Level Interrupt Handler Count"),
(0x496e747200040001,0x100020001,"          Second Level Interrupt Handler Count"),
(0x496e747200040002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
(0x496e747200040003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200040004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "gpu-pwr-integral-gain" = <8695a53c>
|| || "metal-standard" = <00010000>
|| || "gfx-data-base" = <0080af0108000000>
|| || "gpu-pwr-integral-min-clamp" = <00000000>
|| || "gfx-shared-l2-region-size" = <0040000000000000>
|| || "product-dram" = <32000000>
|| || "rtkit-private-vm-region-base" = <0000000080ffffff>
|| || "gfx-shared-l2-region-base" = <0040f7ff09000000>
|| || "gpu-ppm-ki" = <0000b742>
|| || "meta-sw-interrupt" = <4840103b02000000c840103b0200000008000000>
|| || "perf-states" =
<0000000090010000007b9a176402000000a4781f8a0200000054ea2aaf020000001f13370a03000000ea3b435b03000
080bb2c4c9d030000>
|| || "name" = <73677800>
|| || "AAPL,phandle" = <ee000000>
|| || "gfx-qos" = <0100000001000000>
|| || "gpu-fast-die0-target" = <5e000000>
|| || "gfx-handoff-size" = <0040000000000000>
|| || "compatible" = <6770752c743831303300>
|| || "clock-gates" = <3a0100003b010000>
|| || "IOInterruptSpecifiers" = (<33020000>,<34020000>,<35020000>,<36020000>,<43020000>)
|| || "gpu-pwr-perf-scale0" = <00000000>
|| || "IOReportLegendPublic" = Yes
|| || "gpu-avg-power-kp" = <00008040>
|| || "function-mcc_dataset" = <660000005344244d>
|| || "gpu-perf-integral-gain2" = <21214a3e>
|| || "gpu-power-sample-period" = <08000000>
|| || "ttbat-phys-addr-base" = <eeff2700>
|| || "gfx-shared-region-base" = <0080f7ff09000000>
|| || "gpu-perf-base-pstate" = <01000000>
|| || "gpu-avg-power-filter-tc-ms" = <e8030000>
|| || "gpu-power-zone-target-0" = <30750000>
|| || "gpu-pwr-proportional-gain" = <db0fa940>
|| || "gfx-shared-region-size" = <0000040000000000>
|| || "gpu-power-zone-target-offset-0" = <64000000>
|| || "gptbat-ready" = <01000000>
|| || "perf-state-count" = <07000000>
|| || "interrupts" = <3302000034020000350200003602000043020000>
|| || "gpu-perf-filter-time-constant2" = <32000000>
|| || "perf-state-table-count" = <01000000>
|| || "gfx-handoff-base" = <0000f7ff09000000>
|| || "gpu-perf-integral-min-clamp" = <00000000>
|| || "gpu-pwr-min-duty-cycle" = <28000000>
|| || "interrupt-parent" = <67000000>
|| || "gpu-num-perf-states" = <06000000>
|| || "gpu-power-zone-filter-tc-0" = <db1a0000>
|| || "device_type" = <73677800>
|| || "gpu-fast-die0-alarm-threshold" = <5e000000>
|| || "gpu-pwr-perf-scale1" = <0000803f>
|| || "gfx-data-size" = <00800d0000000000>
|| || "gpu-pwr-filter-time-constant" = <39010000>
|| || "gpu-fast-die0-sensor-mask" = <12000000>
|| || "gpu-region-base" = <0080fbff09000000>
|| || "gpu-avg-power-min-duty-cycle" = <28000000>
|| || "gpu-avg-power-ki-only" = <0000f040>
|| || "gpu-ppm-filter-time-constant-ms" = <64000000>
|| ||}
|| ||
|| |+-o AGXAcceleratorG13G_B0  <class AGXAcceleratorG13G_B0, id 0x1000007f3, registered, matched, active, busy
0 (367 ms), retain 52>
|| | |{
|| | |  "SchedulerState" = {"Stamps"=(),"BusyWorkQueues"=()}
|| | |  "IOMatchedAtBoot" = Yes
|| | |  "vendor-id" = <6b100000>
|| | |  "GPURawCounterBundleName" = "AGXGPURawCounterBundle"
```

|| | | "MetalStatisticsName" = "AGXMetalStatisticsExternal13_3"
|| | | "AGXParameterBufferMaxSizeEverMemless" = 0x11780000
|| | | "GPURawCounterPluginClassName" = "AGXGPURawCounterSourceGroup"
|| | | "MetalPluginClassName" = "AGXG13GDevice"
|| | | "SCMVersionNumber" = ""
|| | | "AGCInfo" = {"fLastSubmissionPID"=0x181,"fSubmissionsSinceLastCheck"=0x0,"fBusyCount"=0x0}
|| | | "MetalPluginName" = "AGXMetal13_3"
|| | | "IONameMatched" = "gpu,t8103"
|| | | "CommandSubmissionEnabled" = Yes
|| | | "PerformanceStatistics" = {"In use system memory (driver)"=0x0,"Alloc system memory"=0x84f1c000,"Tiler
Utilization %"=0x0,"recoveryCount"=0x0,"lastRecoveryTime"=0x0,"Renderer Utilization
%"=0x0,"TiledSceneBytes"=0x48000,"Device Utilization %"=0x0,"SplitSceneCount"=0x0,"Allocated PB
Size"=0x1720000,"In use system memory"=0x175d4000}
|| | | "IOGLBundleName" = "AppleMetalOpenGLRenderer"
|| | | "AGXParameterBufferMaxSizeNeverMemless" = 0x8bc0000
|| | | "IOGLESBundleName" = "AppleMetalGLRenderer"
|| | | "IOSourceVersion" = "327.5"
|| | | "IOPersonalityPublisher" = "com.apple.AGXG13G"
|| | | "IOPowerManagement" =
{"CurrentPowerState"=0x1,"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"DriverPowerState"=0x1}
|| | | "model" = "Apple M1"
|| | | "AGXTraceCodeVersion" = "3.43.0"
|| | | "SCMBuildTime" = ""
|| | | "CFBundleIdentifier" = "com.apple.AGXG13G"
|| | | "gpu-core-count" = 0x7
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "AGXParameterBufferMaxSize" = 0x1a340000
|| | | "IONameMatch" = ("gpu,t8103")
|| | | "IOReportLegendPublic" = Yes
|| | | "IOClass" = "AGXAcceleratorG13G_B0"
|| | | "CFBundleIdentifierKernel" = "com.apple.AGXG13G"
|| | | "GPUConfigurationVariable" =
{"num_gps"=0x4,"gpu_gen"=0xd,"is_sksm"=0x0,"usc_gen"=0x2,"num_cores"=0x8,"num_mgpus"=0x1,"gpu_var"="G","cor
e_mask_list"=(0xfe),"num_frags"=0x8}
|| | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | "IOReportLegend" = ({"IOReportChannels"=((0x1,0x180000001,"Alloc system memory"),(0x2,0x180000001,"In
use system memory"),(0x3,0x180000001,"GPU Restart Count"),(0x4,0x180000001,"In use system memory (driver)"),
(0x5,0x180000001,"Last GPU Restart")),"IOReportGroupName"="Internal
Statistics","IOReportChannelInfo"={"IOReportChannelUnit"=0x0}},
{"IOReportChannels"=((0x454e45524759,0x100020000,"GPU Energy")),"IOReportGroupName"="Energy
Model","IOReportChannelInfo"={"IOReportChannelUnit"=0x300007600000000}},{"IOReportGroupName"="GPU $
|| | | "IOMatchCategory" = "IOAccelerator"
|| | | "IOProbeScore" = 0x2710
|| | | "KDebugVersion" = 0x100000000
|| | | "SurfaceList" = ()
|| | |}
|| | |
|| | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x100000ac3, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | | "AppUsage" = ()
|| | | "IOUserClientCreator" = "pid 389, runningboardd"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x100000b80, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | | "AppUsage" = ()
|| | | "IOUserClientCreator" = "pid 385, WindowServer"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x100000b81, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | | "AppUsage" =
({"API"="Metal","lastSubmittedTime"=0x3da6dec0ce0b,"accumulatedGPUTime"=0x2169d81a65c},
{"API"="Metal","lastSubmittedTime"=0x35f283eaf1f0,"accumulatedGPUTime"=0x58a1452},
{"API"="Metal","lastSubmittedTime"=0x0,"accumulatedGPUTime"=0x0})
|| | | "IOUserClientCreator" = "pid 385, WindowServer"
|| | | "CommandQueueCount" = 0x3
|| | | "API" = "Metal"
|| | | "CommandQueueCountMax" = 0x4
|| | | }
|| | |
|| | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x100000cbd, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | | "AppUsage" = ({"API"="Metal","lastSubmittedTime"=0x23ee6b6ec14e,"accumulatedGPUTime"=0xb12425})
|| | | "IOUserClientCreator" = "pid 618, NotificationCent"
|| | | "CommandQueueCount" = 0x1
|| | | "API" = "Metal"
|| | | "CommandQueueCountMax" = 0x1
|| | | }
|| | |
|| | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x100000cf0, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | | "AppUsage" = ({"API"="Metal","lastSubmittedTime"=0x3829c95c4851,"accumulatedGPUTime"=0x3c972cad})
|| | | "IOUserClientCreator" = "pid 647, ControlCenter"
|| | | "CommandQueueCount" = 0x1

```
|| | |    "API" = "Metal"
|| | |    "CommandQueueCountMax" = 0x1
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100000d02, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "AppUsage" = ()
|| | |    "IOUserClientCreator" = "pid 389, runningboardd"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100000d0c, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "AppUsage" = ()
|| | |    "IOUserClientCreator" = "pid 726, Spotlight"
|| | |    "CommandQueueCount" = 0x0
|| | |    "API" = "Metal"
|| | |    "CommandQueueCountMax" = 0x2
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100000d17, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "AppUsage" = ({"API"="Metal","lastSubmittedTime"=0x3ce8852ccf2f,"accumulatedGPUTime"=0x7d9fe98},
{"API"="Metal","lastSubmittedTime"=0x3da305cc6d2e,"accumulatedGPUTime"=0x1c9b8ecef89})
|| | |    "IOUserClientCreator" = "pid 736, Google Chrome He"
|| | |    "CommandQueueCount" = 0x2
|| | |    "API" = "Metal"
|| | |    "CommandQueueCountMax" = 0x3
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100000d19, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "API" = "Metal"
|| | |    "AppUsage" = ()
|| | |    "IOUserClientCreator" = "pid 714, WallpaperVideoEx"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100000d26, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "API" = "Metal"
|| | |    "AppUsage" = ()
|| | |    "IOUserClientCreator" = "pid 753, avconferenced"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100000d2d, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "API" = "Metal"
|| | |    "AppUsage" = ()
|| | |    "IOUserClientCreator" = "pid 762, com.apple.dock.e"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100000d32, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "AppUsage" = ({"API"="Metal","lastSubmittedTime"=0x35f2d5a1faba,"accumulatedGPUTime"=0x10eaca4})
|| | |    "IOUserClientCreator" = "pid 388, loginwindow"
|| | |    "CommandQueueCount" = 0x1
|| | |    "API" = "Metal"
|| | |    "CommandQueueCountMax" = 0x1
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100000d38, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "AppUsage" = ()
|| | |    "IOUserClientCreator" = "pid 650, Finder"
|| | |    "CommandQueueCount" = 0x0
|| | |    "API" = "Metal"
|| | |    "CommandQueueCountMax" = 0x1
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100000d4c, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "API" = "Metal"
|| | |    "AppUsage" = ()
|| | |    "IOUserClientCreator" = "pid 636, Google Chrome"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100000d4e, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "AppUsage" = ()
|| | |    "IOUserClientCreator" = "pid 640, TextEdit"
|| | |    "CommandQueueCount" = 0x0
```

```
|| | |    "API" = "Metal"
|| | |    "CommandQueueCountMax" = 0x1
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100000dc0, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "API" = "Metal"
|| | |    "AppUsage" = ()
|| | |    "IOUserClientCreator" = "pid 813, SSMenuAgent"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100000dc9, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "API" = "Metal"
|| | |    "AppUsage" = ()
|| | |    "IOUserClientCreator" = "pid 642, Passwords"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100000dcb, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "API" = "Metal"
|| | |    "AppUsage" = ()
|| | |    "IOUserClientCreator" = "pid 881, LocalAuthenticat"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100000ddb, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "API" = "Metal"
|| | |    "AppUsage" = ()
|| | |    "IOUserClientCreator" = "pid 902, TextInputMenuAge"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100000ddd, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "API" = "Metal"
|| | |    "AppUsage" = ()
|| | |    "IOUserClientCreator" = "pid 904, Script Menu"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100000de0, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "API" = "Metal"
|| | |    "AppUsage" = ()
|| | |    "IOUserClientCreator" = "pid 907, SwitchResX Daemo"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100000de8, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "API" = "Metal"
|| | |    "AppUsage" = ()
|| | |    "IOUserClientCreator" = "pid 916, com.apple.appkit"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100000df1, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "API" = "Metal"
|| | |    "AppUsage" = ()
|| | |    "IOUserClientCreator" = "pid 897, PasswordsMenuBar"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100000e6c, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "API" = "Metal"
|| | |    "AppUsage" = ()
|| | |    "IOUserClientCreator" = "pid 1016, CursorUIViewServ"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100001650, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "API" = "Metal"
|| | |    "AppUsage" = ()
|| | |    "IOUserClientCreator" = "pid 645, Dock"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100002a59, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |    "API" = "Metal"
|| | |    "AppUsage" = ()
|| | |    "IOUserClientCreator" = "pid 929, PasswordManagerB"
```

```
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x10000379e, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |   "API" = "Metal"
|| | |   "AppUsage" = ()
|| | |   "IOUserClientCreator" = "pid 898, ChatGPTHelper"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100004f88, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |   "API" = "Metal"
|| | |   "AppUsage" = ()
|| | |   "IOUserClientCreator" = "pid 4926, PowerChime"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x1000069fd, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |   "API" = "Metal"
|| | |   "AppUsage" = ()
|| | |   "IOUserClientCreator" = "pid 7078, VTDecoderXPCServ"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100006fcf, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |   "API" = "Metal"
|| | |   "AppUsage" = ()
|| | |   "IOUserClientCreator" = "pid 7679, LocalAuthenticat"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x1000070d4, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |   "AppUsage" = ({"API"="Metal","lastSubmittedTime"=0x26c22e1f66ae,"accumulatedGPUTime"=0x9ae5a})
|| | |   "IOUserClientCreator" = "pid 7803, com.apple.appkit"
|| | |   "CommandQueueCount" = 0x1
|| | |   "API" = "Metal"
|| | |   "CommandQueueCountMax" = 0x1
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100007c7f, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |   "API" = "Metal"
|| | |   "AppUsage" = ()
|| | |   "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x1000081f7, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |   "AppUsage" = ({"API"="Metal","lastSubmittedTime"=0x2d19aa4fe769,"accumulatedGPUTime"=0x4b87f})
|| | |   "IOUserClientCreator" = "pid 9725, com.apple.WebKit"
|| | |   "CommandQueueCount" = 0x1
|| | |   "API" = "Metal"
|| | |   "CommandQueueCountMax" = 0x1
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100008a07, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |   "API" = "Metal"
|| | |   "AppUsage" = ()
|| | |   "IOUserClientCreator" = "pid 10826, ScreenTimeWidget"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100008ee5, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |   "API" = "Metal"
|| | |   "AppUsage" = ()
|| | |   "IOUserClientCreator" = "pid 11302, Google Drive"
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x100008ee7, !registered, !matched, active, busy 0,
retain 5>
|| | | {
|| | |   "AppUsage" = ({"API"="Metal","lastSubmittedTime"=0x0,"accumulatedGPUTime"=0x0},{"API"="GL/
CL","lastSubmittedTime"=0x3bd0418bc023,"accumulatedGPUTime"=0xe34756e})
|| | |   "IOUserClientCreator" = "pid 11304, Google Drive Hel"
|| | |   "CommandQueueCount" = 0x2
|| | |   "API" = "Metal"
|| | |   "CommandQueueCountMax" = 0x2
|| | | }
|| | |
|| | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x10000a68b, !registered, !matched, active, busy 0,
```

```
retain 5>
  || | | {
  || | |   "AppUsage" = ()
  || | |   "IOUserClientCreator" = "pid 13240, Terminal"
  || | |   "CommandQueueCount" = 0x0
  || | |   "API" = "Metal"
  || | |   "CommandQueueCountMax" = 0x1
  || | | }
  || | |
  || | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x10000a69e, !registered, !matched, active, busy 0,
retain 5>
  || | | {
  || | |   "AppUsage" = ()
  || | |   "IOUserClientCreator" = "pid 13713, replayd"
  || | |   "CommandQueueCount" = 0x0
  || | |   "API" = "Metal"
  || | |   "CommandQueueCountMax" = 0x4
  || | | }
  || | |
  || | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x10000a6f1, !registered, !matched, active, busy 0,
retain 5>
  || | | {
  || | |   "AppUsage" =
({"API"="Metal","lastSubmittedTime"=0x3da6a85d22e5,"accumulatedGPUTime"=0x400586c0})
  || | |   "IOUserClientCreator" = "pid 13821, mediaanalysisd"
  || | |   "CommandQueueCount" = 0x1
  || | |   "API" = "Metal"
  || | |   "CommandQueueCountMax" = 0x1
  || | | }
  || | |
  || | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x10000a70b, !registered, !matched, active, busy 0,
retain 5>
  || | | {
  || | |   "API" = "Metal"
  || | |   "AppUsage" = ()
  || | |   "IOUserClientCreator" = "pid 13834, System Settings"
  || | | }
  || | |
  || | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x10000a70f, !registered, !matched, active, busy 0,
retain 5>
  || | | {
  || | |   "API" = "Metal"
  || | |   "AppUsage" = ()
  || | |   "IOUserClientCreator" = "pid 13836, GeneralSettings"
  || | | }
  || | |
  || | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x10000a712, !registered, !matched, active, busy 0,
retain 5>
  || | | {
  || | |   "API" = "Metal"
  || | |   "AppUsage" = ()
  || | |   "IOUserClientCreator" = "pid 13843, HeadphoneSetting"
  || | | }
  || | |
  || | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x10000a72f, !registered, !matched, active, busy 0,
retain 5>
  || | | {
  || | |   "API" = "Metal"
  || | |   "AppUsage" = ()
  || | |   "IOUserClientCreator" = "pid 13855, AboutExtension"
  || | | }
  || | |
  || | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x10000a762, !registered, !matched, active, busy 0,
retain 5>
  || | | {
  || | |   "AppUsage" = ({"API"="Metal","lastSubmittedTime"=0x3da68dca7e55,"accumulatedGPUTime"=0x117209d3})
  || | |   "IOUserClientCreator" = "pid 13882, System Informati"
  || | |   "CommandQueueCount" = 0x1
  || | |   "API" = "Metal"
  || | |   "CommandQueueCountMax" = 0x1
  || | | }
  || | |
  || | +-o AGXDeviceUserClient  <class AGXDeviceUserClient, id 0x10000a76a, !registered, !matched, active, busy 0,
retain 5>
  || |   {
  || |     "API" = "Metal"
  || |     "AppUsage" = ()
  || |     "IOUserClientCreator" = "pid 13887, com.apple.appkit"
  || |   }
  || |
  || +-o gfx-asc@6400000  <class AppleARMIODevice, id 0x1000002e3, registered, matched, active, busy 0 (448 ms),
retain 9>
  || ||{
  || ||   "IOInterruptSpecifiers" = (<40020000>,<3f020000>,<42020000>,<41020000>)
  || ||   "iop-version" = <01000000>
  || ||   "clock-gates" = <3c010000>
  || ||   "AAPL,phandle" = <ef000000>
  || ||   "IODeviceMemory" = (({"address"=0x206400000,"length"=0x6c000}),
({"address"=0x206050000,"length"=0x8}))
  || ||   "IOReportLegendPublic" = Yes
```

      || || "segment-names" = <5f5f544558543b5f4441544100>
      || || "iommu-parent" = <f1000000>
      || || "IOInterruptControllers" =
("IOInterruptController00000067","IOInterruptController00000067","IOInterruptController00000067","IOInterruptControlle
r00000067")
      || || "name" = <6766782d61736300>
      || || "interrupt-parent" = <67000000>
      || || "compatible" = <696f702c617363777261702d763400>
      || || "interrupts" = <400200003f0200004202000041020000>
      || || "clock-ids" = <3d010000>
      || || "role" = <47465800>
      || || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200020000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200020001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200020002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200020003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200020004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
      || || "device_type" = <6766782d61736300>
      || || "power-gates" = <3c010000>
      || || "reg" = <000040060000000000000c00600000000000000005060000000008000000000000000>
      || || "segment-ranges" =
<0080b10008000000000000080ffffff0080b1000800000008004000100000000080af010800000000080040080ffffff0
080af010800000000800d0000000000>
      || ||}
      || ||
      || |+-o AppleASCWrapV4 <class AppleASCWrapV4, id 0x100000375, !registered, !matched, active, busy 0 (271 ms),
retain 5>
      || | |{
      || | | "IOProbeScore" = 0x0
      || | | "CFBundleIdentifier" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
      || | | "IOProviderClass" = "AppleARMIODevice"
      || | | "IOClass" = "AppleASCWrapV4"
      || | | "IOPersonalityPublisher" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
      || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleA7IOP-ASCWrap-v4"
      || | | "IOMatchedAtBoot" = Yes
      || | | "IONameMatch" = "iop,ascwrap-v4"
      || | | "IOMatchCategory" = "IODefaultMatchCategory"
      || | | "IONameMatched" = "iop,ascwrap-v4"
      || | | "role" = "GFX"
      || | |}
      || | |
      || | +-o iop-gfx-nub <class AppleA7IOPNub, id 0x1000003a2, registered, matched, active, busy 0 (271 ms), retain 7>
      || | | |{
      || | | | "uuid" = <45434541344444312d433733452d333032452d384237422d3433335364443363304533424200>
      || | | | "shutdown-sleep" = <>
      || | | | "segment-names" = <5f5f544558543b5f4441544100>
      || | | | "compatible" = <696f702d6e75622c727462756464792d763200>
      || | | | "coredump-enable" = <40000000>
      || | | | "AAPL,phandle" = <f0000000>
      || | | | "KDebugCoreID" = 0xb
      || | | | "firmware-name" = <47465800>
      || | | | "power-managed" = <7472756500>
      || | | | "no-firmware-service" = <>
      || | | | "segment-ranges" =
<0080b10008000000000000080ffffff0080b1000800000008004000100000000080af010800000000080040080ffffff0
080af010800000000800d0000000000>
      || | | | "coredump-rel-privacy-approved" = <>
      || | | | "name" = <696f702d6766782d6e756200>
      || | | | "pre-loaded" = <01000000>
      || | | |}
      || | | |
      || | | +-o RTBuddy(GFX) <class RTBuddy, id 0x1000003d7, registered, matched, active, busy 0 (51 ms), retain 17>
      || | | | |{
      || | | | | "IOClass" = "RTBuddy"
      || | | | | "IOPlatformPanicAction" = 0x15ba8
      || | | | | "RTKitVersion" = "RTKit-2784.120.5.0.1.release"
      || | | | | "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
      || | | | | "IOMatchedAtBoot" = Yes
      || | | | | "IOReportLegendPublic" = Yes
      || | | | | "RTBuddyRouteProviderKey" = <f0000000>
      || | | | | "IOProviderClass" = "AppleA7IOPNub"
      || | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8002,"MaxPowerState"=0x2}
      || | | | | "FirmwareUUID" = "ecea4de1-c73e-302e-8b7b-4356dc60e3bb"
      || | | | | "IOProbeScore" = 0x0
      || | | | | "IOUserClientClass" = "RTBuddyUserClient"
      || | | | | "IONameMatch" = "iop-nub,rtbuddy-v2"
      || | | | | "FirmwareVersion" = "not set"
      || | | | | "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
      || | | | | "IOMatchCategory" = "IODefaultMatchCategory"
      || | | | | "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
      || | | | | "IONameMatched" = "iop-nub,rtbuddy-v2"
      || | | | | "role" = "GFX"
      || | | | | "IOReportLegend" =
({"IOReportGroupName"="GFX","IOReportChannels"=((0x5254537475730000,0x900020002,"status")),"IOReportChannell
nfo"={"IOReportChannelUnit"=0x100007980000018},"IOReportSubGroupName"="IOP State"},
{"IOReportGroupName"="GFX","IOReportChannels"=((0x5254537461740000,0x600020002,"power
state")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x100007980000018},"IOReportSubGroupName"="Power
State"})
      || | | | |}

```
|| |    |
|| |    +-o RTBuddyService  <class RTBuddyService, id 0x1000003f5, registered, matched, active, busy 0 (44 ms),
retain 6>
|| |    || {
|| |    ||   "IOProbeScore" = 0x3e8
|| |    ||   "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
|| |    ||   "IOMatchCategory" = "RTBuddyService"
|| |    ||   "IOClass" = "RTBuddyService"
|| |    ||   "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
|| |    ||   "IOProviderClass" = "RTBuddy"
|| |    ||   "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
|| |    ||   "IOMatchedAtBoot" = Yes
|| |    ||   "role" = "GFX"
|| |    || }
|| |    ||
|| |    | +-o AGXFirmwareKextG13RTBuddy  <class AGXFirmwareKextG13RTBuddy, id 0x1000003ff, registered,
matched, active, busy 0 (42 ms), retain 5>
|| |    |   {
|| |    |     "IOPropertyMatch" = {"role"="GFX"}
|| |    |     "CFBundleIdentifier" = "com.apple.AGXG13GRTBuddy"
|| |    |     "IOMatchCategory" = "AGXFirmwareKextG13RTBuddy"
|| |    |     "IOClass" = "AGXFirmwareKextG13RTBuddy"
|| |    |     "IOPersonalityPublisher" = "com.apple.AGXG13GRTBuddy"
|| |    |     "IOProviderClass" = "RTBuddyService"
|| |    |     "CFBundleIdentifierKernel" = "com.apple.AGXFirmwareKextG13GRTBuddy"
|| |    |     "IOProbeScore" = 0x0
|| |    |     "IOMatchedAtBoot" = Yes
|| |    |   }
|| |    |
|| |    +-o GFXEndpoint1  <class RTBuddyEndpointService, id 0x1000007f0, registered, matched, active, busy 0 (7
ms), retain 6>
|| |    |   {
|| |    |   }
|| |    |
|| |    +-o GFXEndpoint2  <class RTBuddyEndpointService, id 0x1000007f4, registered, matched, active, busy 0 (5
ms), retain 6>
|| |        {
|| |        }
|| |
|| +-o mapper-gfx-asc  <class AppleARMIODevice, id 0x1000002e4, registered, matched, active, busy 0 (166 ms),
retain 9>
|| || {
|| ||   "compatible" = <696f6d6d752d6d61707065722c67667800>
|| ||   "name" = <6d61707065722d6766782d61736300>
|| ||   "AAPL,phandle" = <f1000000>
|| || }
|| ||
|| | +-o AGXArmFirmwareMapper  <class AGXArmFirmwareMapper, id 0x100000379, registered, matched, active, busy
0 (2 ms), retain 7>
|| |   {
|| |     "IOProbeScore" = 0x0
|| |     "CFBundleIdentifier" = "com.apple.AGXG13G"
|| |     "IOProviderClass" = "AppleARMIODevice"
|| |     "IOClass" = "AGXArmFirmwareMapper"
|| |     "IOPersonalityPublisher" = "com.apple.AGXG13G"
|| |     "CFBundleIdentifierKernel" = "com.apple.AGXG13G"
|| |     "IOMatchedAtBoot" = Yes
|| |     "IONameMatch" = "iommu-mapper,gfx"
|| |     "IOMatchCategory" = "IODefaultMatchCategory"
|| |     "IONameMatched" = "iommu-mapper,gfx"
|| |     "IOMapperID" = <f1000000>
|| |   }
|| |
|| +-o mca-switch@38400000  <class AppleARMIODevice, id 0x1000002e5, registered, matched, active, busy 0 (224
ms), retain 8>
|| || {
|| ||   "mca-identity" = <2e307773>
|| ||   "compatible" = <6d63612d7377697463682c743831303300>
|| ||   "numClusters" = <06000000>
|| ||   "regStride" = <0040000000400000040000004000000000>
|| ||   "reg" =
<000040380000000000080010000000000000003038000000000000030000000000d400043b0000000018000000000
00000000503800000000004000000000000000>
|| ||   "IODeviceMemory" = (({"address"=0x238400000,"length"=0x18000}),
({"address"=0x238300000,"length"=0x30000}),({"address"=0x23b0400d4,"length"=0x18}),
({"address"=0x238500000,"length"=0x4000}))
|| ||   "clock-gates" = <3f0000004000000041000000420000004300000044000000>
|| ||   "device_type" = <6d63612d73776974636800>
|| ||   "name" = <6d63612d73776974636800>
|| ||   "AAPL,phandle" = <f2000000>
|| || }
|| ||
|| | +-o AppleMCA2Switch  <class AppleMCA2Switch, id 0x1000004db, registered, matched, active, busy 0 (0 ms),
retain 19>
|| |   {
|| |     "IOClass" = "AppleMCA2Switch"
|| |     "CFBundleIdentifier" = "com.apple.driver.AppleMCA2-T8103"
|| |     "IOProviderClass" = "AppleARMIODevice"
|| |     "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"DriverPowerState"
```

=0x1}
    || | "ActiveRoutes" = ()
    || | "IOPlatformWakeAction" = 0x1388
    || | "IOProbeScore" = 0x0
    || | "IONameMatch" = ("mca-switch,t8103")
    || | "IOMatchedAtBoot" = Yes
    || | "IOMatchCategory" = "IODefaultMatchCategory"
    || | "numMCLKs" = 0x6
    || | "IOFunctionParent000000F2" = <>
    || | "IONameMatched" = "mca-switch,t8103"
    || | "IOPersonalityPublisher" = "com.apple.driver.AppleMCA2-T8103"
    || | "SynthesizedRoutes" = ()
    || | "CFBundleIdentifierKernel" = "com.apple.driver.AppleMCA2-T8103"
    || | "numClusters" = 0x6
    || | "mclkPinMask" = 0x3f
    || | }
    || |
    || +-o mca0@38400000 <class AppleARMIODevice, id 0x1000002e6, registered, matched, active, busy 0 (487 ms),
retain 9>
    || || {
    || || "mca-identity" = <2e306c63>
    || || "compatible" = <6d6361436c75737465722c743831303300>
    || || "sio_mca-version" = <02000000>
    || || "interrupt-parent" = <67000000>
    || || "interrupts" = <6b020000>
    || || "reg" =
<000004038000000000040000000000000000030380000000000400000000000000000403038000000000400000000
00000>
    || || "AAPL,phandle" = <f3000000>
    || || "IOInterruptSpecifiers" = (<6b020000>)
    || || "IOInterruptControllers" = ("IOInterruptController00000067")
    || || "device_type" = <69327300>
    || || "mca_dma-version" = <01000000>
    || || "#size-cells" = <0c000000>
    || || "function-switch_config" = <f20000004361636d2e306c63>
    || || "#address-cells" = <00000000>
    || || "IODeviceMemory" = (({"address"=0x238400000,"length"=0x4000}),
({"address"=0x238300000,"length"=0x4000}),({"address"=0x238304000,"length"=0x4000}))
    || || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
    || || "IOReportLegendPublic" = Yes
    || || "name" = <6d63613000>
    || || }
    || ||
    || |+-o AppleMCA2Cluster_T8103 <class AppleMCA2Cluster_T8103, id 0x10000033b, registered, matched, active,
busy 0 (195 ms), retain 6>
    || | |{
    || | | "IOClass" = "AppleMCA2Cluster_T8103"
    || | | "CFBundleIdentifier" = "com.apple.driver.AppleMCA2-T8103"
    || | | "IOProviderClass" = "AppleARMIODevice"
    || | | "IOProbeScore" = 0x0
    || | | "IONameMatch" = ("mcaCluster,t8103")
    || | | "IOMatchedAtBoot" = Yes
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "mca-uses-iopm-overrides" = "true"
    || | | "IONameMatched" = "mcaCluster,t8103"
    || | | "IOPersonalityPublisher" = "com.apple.driver.AppleMCA2-T8103"
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleMCA2-T8103"
    || | | "filterInterrupt" = No
    || | |}
    || | |
    || | +-o mca0a <class AppleMCA2Controller_T8103, id 0x1000004f2, registered, matched, active, busy 0 (195 ms),
retain 15>
    || | |{
    || | | "mclk-config" = <00000000ffffffff>
    || | | "mca-identity" = <6130636d>
    || | | "compatible" = <6d63612c743831303300>
    || | | "Name" = "mca0a"
    || | | "AAPL,phandle" = <f4000000>
    || | | "function-i2s_route" = <f200000052733269302e7874306e697002020200>
    || | | "dma-channels" =
<28000000210000000000000000cc000000ac0000000000000000000000000000290000002100000000000000cc00
0000ac0000000000000000000000000000280000002200000000000000cc000000ac0000000000000000000000000000
00000029000000220000000000000000cc000000ac0000000000000000000000000000000000>
    || | | "function-admac_powerswitch" = <aa00000043535061>
    || | | "syncGen-config" = <306e797330676b63306e797330676b63>
    || | | "IOReportLegend" =
({"IOReportGroupName"="AppleMCA2Cluster_T8103","IOReportChannels"=((0x444d41415258554e,0x101000001,"mca0a.
IRQ.DMA_A.RX_Fifo_Underflow"),(0x444d414154584f56,0x101000001,"mca0a.IRQ.DMA_A.TX_Fifo_Overflow"),
(0x545841554e464c4f,0x101000001,"mca0a.IRQ.TXA_Underflow"),
(0x5458414652455252,0x101000001,"mca0a.IRQ.TXA_Frame_Error"),
(0x5258414f56464c4f,0x101000001,"mca0a.IRQ.RXA_Overflow"),
(0x5258414652455252,0x101000001,"mca0a.IRQ.RXA_Frame_Error")),"IOReportChannelInfo"={"IOReportChannelUnit"=0
x0},"IOReportSubGrou$
    || | | "device_type" = <69327300>
    || | | "IOReportLegendPublic" = Yes

```
  || |   |   "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState
"=0x1}
  || |   |   "dma-parent" = <aa000000>
  || |   |   "external-power-provider" = <aa000000>
  || |   |   "function-i2s_route0" = <f200000052733269302e7872302e787401010000>
  || |   |   "name" = <6d6361306100>
  || |   |}
  || |   |
  || |   +-o audio-loopback@1201  <class AppleARMIISDevice, id 0x100000658, registered, matched, active, busy 0 (192
ms), retain 9>
  || |   |{
  || |   |   "private" = <3100>
  || |   |   "compatible" = <617564696f2d646174612c617564696f2d6c6f6f706261636b00>
  || |   |   "reg" = <011200000f100100001bb700fa00010030000100030000000300000002021010000000000>
  || |   |   "data-sources" = <6332706102020000000001000000000080bb00004c6f6f706261636b00>
  || |   |   "Name" = "audio-loopback"
  || |   |   "device_type" = <617564696f2d6461746100>
  || |   |   "AAPL,phandle" = <f5000000>
  || |   |   "name" = <617564696f2d6c6f6f706261636b00>
  || |   |}
  || |   |
  || |   +-o Loopback  <class AppleSecondaryAudio, id 0x100000667, registered, matched, active, busy 0 (187 ms),
retain 10>
  || |   |{
  || |   |   "exclusive access owner" = 0xffffffffffffffff
  || |   |   "transport type" = 0x626c746e
  || |   |   "IOMatchedAtBoot" = Yes
  || |   |   "controls" = ({"control
ID"=0x12c,"variant"=0x0,"selectors"=({"value"=0x61703263,"name"="Loopback"}),"scope"=0x676c6f62,"element"=0x0,"
class"=0x64737263,"value"=0x61703263,"base class"=0x736c6374,"read only"=0x0})
  || |   |   "input safety offset" = 0x6d
  || |   |   "output latency" = 0x3e
  || |   |   "device name" = "Loopback"
  || |   |   "IONameMatched" = "audio-data,audio-loopback"
  || |   |   "output streams" = ({"stream ID"=0xc8,"starting channel"=0x1,"available formats"=({"bytes per
frame"=0x4,"channels per frame"=0x2,"bits per channel"=0x10,"format flags"=0xc,"max sample
rate"=0xbb8000000000,"bytes per packet"=0x4,"frames per packet"=0x1,"format ID"=0x6c70636d,"min sample
rate"=0xbb8000000000},{"bytes per frame"=0x8,"channels per frame"=0x2,"bits per channel"=0x14,"format
flags"=0x4,"max sample rate"=0xbb8000000000,"bytes per packet"=0x8,"frames per packet"=0x1,"format
ID"=0x6c70636d,"min sample rate"=0xb$
  || |   |   "input streams" = ({"stream ID"=0x64,"starting channel"=0x1,"available formats"=({"bytes per
frame"=0x4,"channels per frame"=0x2,"bits per channel"=0x10,"format flags"=0xc,"max sample
rate"=0xbb8000000000,"bytes per packet"=0x4,"frames per packet"=0x1,"format ID"=0x6c70636d,"min sample
rate"=0xbb8000000000},{"bytes per frame"=0x8,"channels per frame"=0x2,"bits per channel"=0x14,"format
flags"=0x4,"max sample rate"=0xbb8000000000,"bytes per packet"=0x8,"frames per packet"=0x1,"format
ID"=0x6c70636d,"min sample rate"=0xbb$
  || |   |   "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedAudio"
  || |   |   "IOFunctionParent000000F5" = <>
  || |   |   "custom property info" = ({"property selector"=0x4d434373,"registry key"="maxChannelCount"})
  || |   |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
  || |   |   "sample rate" = 0xbb8000000000
  || |   |   "safety-offset-seed-divisor" = 0x2ee
  || |   |   "device UID" = "Loopback"
  || |   |   "IOReporters" = Yes
  || |   |   "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedAudio"
  || |   |   "output safety offset" = 0x72
  || |   |   "is private" = Yes
  || |   |   "IOProviderClass" = "AppleARMIISDevice"
  || |   |   "bidirectional" = Yes
  || |   |   "is running" = No
  || |   |   "IONameMatch" = "audio-data,audio-loopback"
  || |   |   "IOReportLegendPublic" = Yes
  || |   |   "IOClass" = "AppleSecondaryAudio"
  || |   |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedAudio"
  || |   |   "input latency" = 0x2d
  || |   |   "device manufacturer" = "Apple Inc."
  || |   |   "current state" = "off"
  || |   |   "IOMatchCategory" = "AppleSecondaryAudio"
  || |   |   "clock domain" = 0x6d61696e
  || |   |   "IOProbeScore" = 0x3e8
  || |   |   "io buffer frame size" = 0x3de0
  || |   |   "IOReportLegend" =
({"IOReportGroupName"="Loopback","IOReportChannels"=((0x5359534c4153544d,0x180000001,"Sleep cycles with
active streams"),(0x5a53544259584652,0x180000001,"Zero start byte transfers"),
(0x4f42534259584652,0x180000001,"Out-of-bounds start byte
transfer"))],"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000}},"IOReportSubGroupName"="Misc.
Debug Status"},{"IOReportGroupName"="Loopback","IOReportChannels"=((0x494e444d414d5247,0x2100040003,"Input
DMA Margin")),"IOReportChannelInfo"={"IOReportChanne$
  || |   |   "maxChannelCount" = {"MaxInputChannelCount"=0x2,"MaxOutputChannelCount"=0x2}
  || |   |}
  || |   |
  || |   +-o IOAudio2DeviceUserClient  <class IOAudio2DeviceUserClient, id 0x100000bdb, !registered, !matched,
active, busy 0, retain 5>
  || |        {
  || |          "IOUserClientCreator" = "pid 402, coreaudiod"
  || |          "IOUserClientDefaultLocking" = Yes
  || |        }
  || |
```

|| +-o mca1@38404000 <class AppleARMIODevice, id 0x1000002e7, registered, matched, active, busy 0 (484 ms), retain 9>
  || ||{
  || || "mca-identity" = <2e316c63>
  || || "compatible" = <6d6361436c75737465722c743831303300>
  || || "sio_mca-version" = <02000000>
  || || "interrupt-parent" = <67000000>
  || || "interrupts" = <6c020000>
  || || "reg" =
<004040380000000004000000000000000803038000000000040000000000000000c03038000000000040000000 00000>
  || || "AAPL,phandle" = <f6000000>
  || || "IOInterruptSpecifiers" = (<6c020000>)
  || || "IOInterruptControllers" = ("IOInterruptController00000067")
  || || "device_type" = <69327300>
  || || "mca_dma-version" = <01000000>
  || || "#size-cells" = <0c000000>
  || || "function-switch_config" = <f20000004361636d2e316c63>
  || || "#address-cells" = <00000000>
  || || "IODeviceMemory" = (({"address"=0x238404000,"length"=0x4000}),
({"address"=0x238308000,"length"=0x4000}),({"address"=0x23830c000,"length"=0x4000}))
  || || "IOReportLegend" = (({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001,"   Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
  || || "IOReportLegendPublic" = Yes
  || || "name" = <6d63613100>
  || ||}
  || ||
  || | +-o AppleMCA2Cluster_T8103 <class AppleMCA2Cluster_T8103, id 0x10000033a, registered, matched, active, busy 0 (199 ms), retain 6>
  || | |{
  || | | "IOClass" = "AppleMCA2Cluster_T8103"
  || | | "CFBundleIdentifier" = "com.apple.driver.AppleMCA2-T8103"
  || | | "IOProviderClass" = "AppleARMIODevice"
  || | | "IOProbeScore" = 0x0
  || | | "IONameMatch" = ("mcaCluster,t8103")
  || | | "IOMatchedAtBoot" = Yes
  || | | "IOMatchCategory" = "IODefaultMatchCategory"
  || | | "mca-uses-iopm-overrides" = "true"
  || | | "IONameMatched" = "mcaCluster,t8103"
  || | | "IOPersonalityPublisher" = "com.apple.driver.AppleMCA2-T8103"
  || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleMCA2-T8103"
  || | | "filterInterrupt" = No
  || | |}
  || | |
  || | +-o mca1a <class AppleMCA2Controller_T8103, id 0x1000004f6, registered, matched, active, busy 0 (197 ms), retain 16>
  || | |{
  || | | "mclk-config" = <01000000ffffffff>
  || | | "mca-identity" = <6131636d>
  || | | "compatible" = <6d63612c743831303300>
  || | | "function-mclk_frequency" = <82000000664f434e01000000>
  || | | "AAPL,phandle" = <f7000000>
  || | | "function-i2s_route" = <f200000052733269326475613306e697002020200>
  || | | "dma-channels" =
<2c000000210000000000000080010000c00000000000000000000008000000000ffffffff00000000000000000000000 00000000000000000000000000000002c0000002200000000000000080010000c000000000000000000000000008000 00000ffffffff0000000000000000000000000000000000000000000000>
  || | | "function-admac_powerswitch" = <aa00000043535061>
  || | | "Name" = "mca1a"
  || | | "IOReportLegend" =
({"IOReportGroupName"="AppleMCA2Cluster_T8103","IOReportChannels"=((0x444d41415258554e,0x101000001,"mca1a.
IRQ.DMA_A.RX_Fifo_Underflow"),(0x444d414154584f56,0x101000001,"mca1a.IRQ.DMA_A.TX_Fifo_Overflow"),
(0x545841554e464c4f,0x101000001,"mca1a.IRQ.TXA_Underflow"),
(0x5458414652455252,0x101000001,"mca1a.IRQ.TXA_Frame_Error"),
(0x5258414f56464c4f,0x101000001,"mca1a.IRQ.RXA_Overflow"),
(0x5258414652455252,0x101000001,"mca1a.IRQ.RXA_Frame_Error")),"IOReportChannelInfo"={"IOReportChannelUnit"=0
x0},"IOReportSubGrou$
  || | | "device_type" = <69327300>
  || | | "IOReportLegendPublic" = Yes
  || | | "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState
"=0x1}
  || | | "fifo_depth" = 0x20
  || | | "dma-parent" = <aa000000>
  || | | "external-power-provider" = <aa000000>
  || | | "iisConfig" = <0102000008200000000000000001010030001000300000000000000200180002000000>
  || | | "function-i2s_route0" = <f200000052733269326475613106e697002020200>
  || | | "name" = <6d6361316100>
  || | |}
  || | |
  || | +-o audio-tas5770L-spkr-l@201 <class AppleARMIISDevice, id 0x100000656, registered, matched, active, busy 0 (196 ms), retain 10>
  || | |{
  || | | "device_type" = <617564696f2d6d6461746100>
  || | | "compatible" = <617564696f2d646174612c7461733537373000>
  || | | "IOGeneralInterest" = "IOCommand is not serializable"

```
|| |   |   "Name" = "audio-tas5770L-spkr-l"
|| |   |   "reg" = <0102000008200000000000000001010000000000030000000000000000200200000000000>
|| |   |   "AAPL,phandle" = <f8000000>
|| |   |   "name" = <617564696f2d746173353737304c2d73706b722d6c00>
|| |   | }
|| |   |
|| |   +-o Speaker  <class AppleEmbeddedAudioDevice, id 0x10000068e, registered, matched, active, busy 0 (186
ms), retain 13>
|| |   | {
|| |   |   "io buffer frame size" = 0x3de0
|| |   |   "LowPowerActiveChannelMask" = 0x0
|| |   |   "bidirectional" = No
|| |   |   "current state" = "off"
|| |   |   "device UID" = "Speaker"
|| |   |   "clock domain" = 0x6d61696e
|| |   |   "output streams" = ({"stream ID"=0xc8,"starting channel"=0x1,"available formats"=({"bytes per
frame"=0x8,"channels per frame"=0x2,"bits per channel"=0x18,"format flags"=0x4,"max sample
rate"=0xbb8000000000,"bytes per packet"=0x8,"frames per packet"=0x1,"format ID"=0x6c70636d,"min sample
rate"=0xbb8000000000}),"uses isolated IO"=0x0,"terminal type"=0x0,"current format"={"bytes per frame"=0x8,"sample
rate"=0xbb8000000000,"channels per frame"=0x2,"bits per channel"=0x18,"format flags"=0x4,"bytes per
packet"=0x8,"frames per$
|| |   |   "outputArrayCal" = {}
|| |   |   "IOReportLegendPublic" = Yes
|| |   |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| |   |   "LowPowerEnableChannelMask" = 0x0
|| |   |   "safety-offset-seed-divisor" = 0x2ee
|| |   |   "device name" = "TAS5770L"
|| |   |   "maxChannelCount" = {"MaxInputChannelCount"=0x0,"MaxOutputChannelCount"=0x2}
|| |   |   "DebuggingInfo" =
{"TestcaseRunTimeMS"=0x0,"BeginTestcaseWithRunCount"=0x0,"TestcaseNumber"=0x0,"DelayAfterRequestConfigChang
eMS"=0x0,"TestcaseTimeoutMS"=0x0,"DelayBeforeRequestConfigChangeMS"=0x0,"DoNotReturnAfterRequestConfigChan
ge"=0x0,"DelayInPerformConfigChange"=0x0}
|| |   |   "is private" = Yes
|| |   |   "controls" = ({"control
ID"=0x12f,"variant"=0x0,"scope"=0x6f757470,"element"=0x0,"class"=0x6d757465,"value"=0x1,"base
class"=0x746f676c,"read only"=0x0},{"control
ID"=0x13c,"variant"=0x0,"scope"=0x6f757470,"element"=0x0,"class"=0x636c7370,"value"=0x0,"base
class"=0x746f676c,"property selectors"=(0x636c7370),"read only"=0x0},{"control ID"=0x1b7,"variant"=0x0,"property
selectors"=(0x43567323,0x43566e23,0x43566e72,0x0,0x0,0x0),"scope"=0x6f757470,"element"=0x0,"class"=0x4356732
3,"value"=0x34f,"base class"=0x6c65766c,"range $
|| |   |   "sample rate" = 0xbb8000000000
|| |   |   "output safety offset" = 0x72
|| |   |   "input streams" = ()
|| |   |   "is running" = No
|| |   |   "exclusive access owner" = 0xffffffffffffffff
|| |   |   "output latency" = 0x42
|| |   |   "custom property info" = ({"property selector"=0x4d434373,"registry key"="maxChannelCount"},{"property
selector"=0x4c50456d,"registry key"="LowPowerEnableChannelMask"},{"property selector"=0x4c50416d,"registry
key"="LowPowerActiveChannelMask"},{"property selector"=0x53414461,"registry key"="outputArrayCal"})
|| |   |   "input latency" = 0x8
|| |   |   "IOReporters" = Yes
|| |   |   "supports prewarming" = No
|| |   |   "device manufacturer" = "Apple Inc."
|| |   |   "input safety offset" = 0x40
|| |   |   "IOReportLegend" =
({"IOReportGroupName"="Speaker","IOReportChannels"=((0x5359534c4153544d,0x180000001,"Sleep cycles with active
streams"),(0x5a53544259584652,0x180000001,"Zero start byte transfers"),(0x4f42534259584652,0x180000001,"Out-
of-bounds start byte
transfer")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Misc.
Debug Status"},{"IOReportGroupName"="Speaker","IOReportChannels"=((0x494e444d414d5247,0x2100040003,"Input
DMA Margin")),"IOReportChannelInfo"={"IOReportChannelC$
|| |   |   "transport type" = 0x626c746e
|| |   | }
|| |   |
|| |   +-o IOAudio2DeviceUserClient  <class IOAudio2DeviceUserClient, id 0x100000bb9, !registered, !matched,
active, busy 0, retain 5>
|| |       {
|| |         "IOUserClientCreator" = "pid 402, coreaudiod"
|| |         "IOUserClientDefaultLocking" = Yes
|| |       }
|| |
|| +-o mca3@3840C000  <class AppleARMIODevice, id 0x1000002e8, registered, matched, active, busy 0 (510 ms),
retain 10>
|| | | {
|| | |   "mca-identity" = <2e336c63>
|| | |   "compatible" = <6d6361436c75737465722c743831303300>
|| | |   "sio_mca-version" = <02000000>
|| | |   "interrupt-parent" = <67000000>
|| | |   "interrupts" = <6e020000>
|| | |   "reg" =
<00c04038000000000004000000000000000803138000000000040000000000000000c0313800000000004000000000
00000>
|| | |   "AAPL,phandle" = <f9000000>
|| | |   "IOInterruptSpecifiers" = (<6e020000>)
|| | |   "IOInterruptControllers" = ("IOInterruptController00000067")
|| | |   "device_type" = <69327300>
|| | |   "mca_dma-version" = <01000000>
|| | |   "#size-cells" = <0c000000>
|| | |   "function-switch_config" = <f20000004361636d2e336c63>
```

|| || "#address-cells" = <00000000>
|| || "IODeviceMemory" = (({"address"=0x23840c000,"length"=0x4000}),
({"address"=0x238318000,"length"=0x4000}),({"address"=0x23831c000,"length"=0x4000}))
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001,"   First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"   Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"   First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),"IORepo$
|| || "IOReportLegendPublic" = Yes
|| || "name" = <6d63613300>
|| ||}
|| ||
|| |+-o AppleMCA2Cluster_T8103 <class AppleMCA2Cluster_T8103, id 0x100000543, registered, matched, active,
busy 0 (211 ms), retain 7>
|| | |{
|| | | "IOClass" = "AppleMCA2Cluster_T8103"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleMCA2-T8103"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = ("mcaCluster,t8103")
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "mca-uses-iopm-overrides" = "true"
|| | | "IONameMatched" = "mcaCluster,t8103"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleMCA2-T8103"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleMCA2-T8103"
|| | | "filterInterrupt" = No
|| | |}
|| | |
|| | +-o mca3a <class AppleMCA2Controller_T8103, id 0x1000005d0, registered, matched, active, busy 0 (200 ms),
retain 16>
|| | ||{
|| | || "mclk-config" = <03000000ffffffff>
|| | || "mca-identity" = <6133636d>
|| | || "compatible" = <6d63612c743831303300>
|| | || "function-mclk_frequency" = <82000000664f434e03000000>
|| | || "AAPL,phandle" = <fa000000>
|| | || "function-i2s_route" = <f200000052733269366647561326e697002023300>
|| | || "dma-channels" =
<34000000210000000000000080010000c0000000000000000000000000000000ffffffff00000000000000000000000
00000000000000000000000000000000000000340000002200000000000080010000c0000000000000000000000000000
00000ffffffff0000000000000000000000000000000000000000000000000000000>
|| | || "function-admac_powerswitch" = <aa00000043535061>
|| | || "Name" = "mca3a"
|| | || "IOReportLegend" =
({"IOReportGroupName"="AppleMCA2Cluster_T8103","IOReportChannels"=((0x444d41415258554e,0x101000001,"mca3a.
IRQ.DMA_A.RX_Fifo_Underflow"),(0x444d414154584f56,0x101000001,"mca3a.IRQ.DMA_A.TX_Fifo_Overflow"),
(0x545841554e464c4f,0x101000001,"mca3a.IRQ.TXA_Underflow"),
(0x5458414652525252,0x101000001,"mca3a.IRQ.TXA_Frame_Error"),
(0x5258414f56464c4f,0x101000001,"mca3a.IRQ.RXA_Overflow"),
(0x5258414652525252,0x101000001,"mca3a.IRQ.RXA_Frame_Error")),"IOReportChannelInfo"={"IOReportChannelUnit"=0
x0},"IOReportSubGrou$
|| | || "device_type" = <69327300>
|| | || "IOReportLegendPublic" = Yes
|| | || "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState
"=0x1}
|| | || "dma-parent" = <aa000000>
|| | || "external-power-provider" = <aa000000>
|| | || "name" = <6d6361336100>
|| | ||}
|| | ||
|| | |+-o audio-codec-output@1301 <class AppleARMIISDevice, id 0x10000065a, registered, matched, active, busy 0
(200 ms), retain 10>
|| | | |{
|| | | | "device_type" = <617564696f2d6461746100>
|| | | | "compatible" = <617564696f2d646174612c637334326c383300>
|| | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | "Name" = "audio-codec-output"
|| | | | "reg" = <0113000002000100808d5b007d000100000000000300000000000000200200000000000>
|| | | | "AAPL,phandle" = <fb000000>
|| | | | "name" = <617564696f2d636f6465632d6f757470757400>
|| | | |}
|| | | |
|| | | +-o Codec Output <class AppleEmbeddedAudioDevice, id 0x1000006c4, registered, matched, active, busy 0
(200 ms), retain 13>
|| | | |{
|| | | | "io buffer frame size" = 0x3de0
|| | | | "LowPowerActiveChannelMask" = 0x0
|| | | | "bidirectional" = No
|| | | | "current state" = "off"
|| | | | "device UID" = "Codec Output"
|| | | | "clock domain" = 0x6d61696e
|| | | | "output streams" = ({"stream ID"=0xc8,"starting channel"=0x1,"available formats"=({"bytes per
frame"=0x4,"channels per frame"=0x2,"bits per channel"=0x10,"format flags"=0xc,"max sample
rate"=0xbb8000000000,"bytes per packet"=0x4,"frames per packet"=0x1,"format ID"=0x6c70636d,"min sample
rate"=0xbb8000000000},{"bytes per frame"=0x8,"channels per frame"=0x2,"bits per channel"=0x18,"format
flags"=0x4,"max sample rate"=0xbb8000000000,"bytes per packet"=0x8,"frames per packet"=0x1,"format
ID"=0x6c70636d,"min sample rate"=0xb$

```
|| | | |   "outputArrayCal" = {}
|| | | |   "IOReportLegendPublic" = Yes
|| | | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | | |   "LowPowerEnableChannelMask" = 0x0
|| | | |   "safety-offset-seed-divisor" = 0x2ee
|| | | |   "device name" = "CS42L83 Output"
|| | | |   "maxChannelCount" = {"MaxInputChannelCount"=0x0,"MaxOutputChannelCount"=0x2}
|| | | |   "DebuggingInfo" =
{"TestcaseRunTimeMS"=0x0,"BeginTestcaseWithRunCount"=0x0,"TestcaseNumber"=0x0,"DelayAfterRequestConfigChang
eMS"=0x0,"TestcaseTimeoutMS"=0x0,"DelayBeforeRequestConfigChangeMS"=0x0,"DoNotReturnAfterRequestConfigChan
ge"=0x0,"DelayInPerformConfigChange"=0x0}
|| | | |   "is private" = Yes
|| | | |   "controls" = ({"control
ID"=0x12c,"variant"=0x0,"scope"=0x6f757470,"element"=0x0,"class"=0x6a61636b,"value"=0x0,"base
class"=0x746f676c,"read only"=0x1},{"control
ID"=0x12d,"variant"=0x0,"scope"=0x696e7074,"element"=0x0,"class"=0x6a61636b,"value"=0x0,"base
class"=0x746f676c,"read only"=0x1},{"control
ID"=0x130,"variant"=0x0,"scope"=0x6f757470,"element"=0x0,"class"=0x646d7574,"value"=0x0,"base
class"=0x746f676c,"property selectors"=(0x646d7574),"read only"=0x0},{"control
ID"=0x1b2,"variant"=0x0,"scope"=0x696e7074,"elemen$
|| | | |   "sample rate" = 0xbb8000000000
|| | | |   "output safety offset" = 0x72
|| | | |   "input streams" = ()
|| | | |   "is running" = No
|| | | |   "exclusive access owner" = 0xffffffffffffffff
|| | | |   "output latency" = 0x49
|| | | |   "custom property info" = ({"property selector"=0x4d434373,"registry key"="maxChannelCount"},{"property
selector"=0x4c50456d,"registry key"="LowPowerEnableChannelMask"},{"property selector"=0x4c50416d,"registry
key"="LowPowerActiveChannelMask"},{"property selector"=0x53414461,"registry key"="outputArrayCal"})
|| | | |   "input latency" = 0x6
|| | | |   "IOReporters" = Yes
|| | | |   "supports prewarming" = No
|| | | |   "device manufacturer" = "Apple Inc."
|| | | |   "input safety offset" = 0x40
|| | | |   "IOReportLegend" = ({"IOReportGroupName"="Codec
Output","IOReportChannels"=((0x5359534c4153544d,0x180000001,"Sleep cycles with active streams"),
(0x5a53544259584652,0x180000001,"Zero start byte transfers"),(0x4f42534259584652,0x180000001,"Out-of-bounds
start byte
transfer")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Misc.
Debug Status"},{"IOReportGroupName"="Codec
Output","IOReportChannels"=((0x494e444d414d5247,0x2100040003,"Input DMA
Margin")),"IOReportChannelInfo"={"IORepo$
|| | | |   "transport type" = 0x626c746e
|| | | | }
|| | | |
|| | | +-o IOAudio2DeviceUserClient  <class IOAudio2DeviceUserClient, id 0x100000bb2, !registered, !matched,
active, busy 0, retain 5>
|| | | | {
|| | | |     "IOUserClientCreator" = "pid 402, coreaudiod"
|| | | |     "IOUserClientDefaultLocking" = Yes
|| | | | }
|| | |
|| | +-o mca3b  <class AppleMCA2Controller_T8103, id 0x10000065b, registered, matched, active, busy 0 (191 ms),
retain 15>
|| | | {
|| | | |   "mclk-config" = <03000000ffffffff>
|| | | |   "mca-identity" = <6233636d>
|| | | |   "compatible" = <6d63612c743831303300>
|| | | |   "function-mclk_frequency" = <82000000664f434e03000000>
|| | | |   "AAPL,phandle" = <fc000000>
|| | | |   "function-i2s_route" = <f20000005273326937647561326e697001013300>
|| | | |   "dma-channels" =
<ffffffff0000000000000000000000000000000000000000000000000000000037000000210000000000000020010000
0c0000000000000000000000000000000000ffffffff00000000000000000000000000000000000000000000000000000000
003700000022000000000000002001000c0000000000000000000000000000000000>
|| | | |   "function-admac_powerswitch" = <aa00000043535061>
|| | | |   "internal-bclk-loopback" = <>
|| | | |   "Name" = "mca3b"
|| | | |   "device_type" = <69327300>
|| | | |   "IOReportLegend" =
({"IOReportGroupName"="AppleMCA2Cluster_T8103","IOReportChannels"=((0x444d41425258554e,0x101000001,"mca3b
.IRQ.DMA_B.RX_Fifo_Underflow"),(0x444d414254584f56,0x101000001,"mca3b.IRQ.DMA_B.TX_Fifo_Overflow"),
(0x545842554e464c4f,0x101000001,"mca3b.IRQ.TXB_Underflow"),
(0x5458424652455252,0x101000001,"mca3b.IRQ.TXB_Frame_Error"),
(0x5258424f56464c4f,0x101000001,"mca3b.IRQ.RXB_Overflow"),
(0x5258424652455252,0x101000001,"mca3b.IRQ.RXB_Frame_Error")),"IOReportChannelInfo"={"IOReportChannelUnit"=0
x0},"IOReportSubGrou$
|| | | |   "IOReportLegendPublic" = Yes
|| | | |   "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState
"=0x1}
|| | | |   "dma-parent" = <aa000000>
|| | | |   "external-power-provider" = <aa000000>
|| | | |   "name" = <6d6361336200>
|| | | | }
|| | | |
|| | +-o audio-codec-input@1301  <class AppleARMIISDevice, id 0x10000066c, registered, matched, active, busy 0
(191 ms), retain 9>
|| | | | {
```

```
|| |   |   |   "private" = <3100>
|| |   |   |   "compatible" = <617564696f2d646174612c637334326c38332d696e70757400>
|| |   |   |   "reg" = <0113000002000100808d5b007d0001000000000000000000010000000001002000000000>
|| |   |   |   "data-sources" = <633270610100000000001000000000080bb0000636f646563696e70757400>
|| |   |   |   "Name" = "audio-codec-input"
|| |   |   |   "device_type" = <617564696f2d6461746100>
|| |   |   |   "AAPL,phandle" = <fd000000>
|| |   |   |   "name" = <617564696f2d636f6465632d696e70757400>
|| |   |   |}
|| |   |
|| |   +-o Codec Input  <class AppleSecondaryAudio, id 0x10000066f, registered, matched, active, busy 0 (190 ms),
retain 13>
|| |   |{
|| |   |   "IOReportLegend" = ({"IOReportGroupName"="Codec
Input","IOReportChannels"=((0x5359534c4153544d,0x180000001,"Sleep cycles with active streams"),
(0x5a53544259584652,0x180000001,"Zero start byte transfers"),(0x4f42534259584652,0x180000001,"Out-of-bounds
start byte
transfer")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Misc.
Debug Status"},{"IOReportGroupName"="Codec
Input","IOReportChannels"=((0x494e444d414d5247,0x2100040003,"Input DMA
Margin")),"IOReportChannelInfo"={"IOReport$
|| |   |   "exclusive access owner" = 0xffffffffffffffff
|| |   |   "IOMatchedAtBoot" = Yes
|| |   |   "transport type" = 0x626c746e
|| |   |   "controls" = ({"control
ID"=0x12c,"variant"=0x0,"selectors"=({"value"=0x61703263,"name"="codecinput"}),"scope"=0x676c6f62,"element"=0x0,
"class"=0x64737263,"value"=0x61703263,"base class"=0x736c6374,"read only"=0x0})
|| |   |   "input safety offset" = 0x74
|| |   |   "output latency" = 0x0
|| |   |   "device name" = "CS42L83 Input"
|| |   |   "IONameMatched" = "audio-data,cs42l83-input"
|| |   |   "output streams" = ()
|| |   |   "input streams" = ({"stream ID"=0x64,"starting channel"=0x1,"available formats"=({"bytes per
frame"=0x2,"channels per frame"=0x1,"bits per channel"=0x10,"format flags"=0xc,"max sample
rate"=0xbb8000000000,"bytes per packet"=0x2,"frames per packet"=0x1,"format ID"=0x6c70636d,"min sample
rate"=0xbb8000000000},{"bytes per frame"=0x4,"channels per frame"=0x1,"bits per channel"=0x14,"format
flags"=0x4,"max sample rate"=0xbb8000000000,"bytes per packet"=0x4,"frames per packet"=0x1,"format
ID"=0x6c70636d,"min sample rate"=0xbb$
|| |   |   "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedAudio"
|| |   |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| |   |   "custom property info" = ({"property selector"=0x4d434373,"registry key"="maxChannelCount"})
|| |   |   "sample rate" = 0xbb8000000000
|| |   |   "safety-offset-seed-divisor" = 0x2ee
|| |   |   "device UID" = "Codec Input"
|| |   |   "IOReporters" = Yes
|| |   |   "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedAudio"
|| |   |   "output safety offset" = 0x40
|| |   |   "is private" = Yes
|| |   |   "IOProviderClass" = "AppleARMIISDevice"
|| |   |   "bidirectional" = No
|| |   |   "is running" = No
|| |   |   "IONameMatch" = "audio-data,cs42l83-input"
|| |   |   "IOReportLegendPublic" = Yes
|| |   |   "IOClass" = "AppleSecondaryAudio"
|| |   |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedAudio"
|| |   |   "input latency" = 0x34
|| |   |   "device manufacturer" = "Apple Inc."
|| |   |   "current state" = "off"
|| |   |   "IOMatchCategory" = "AppleSecondaryAudio"
|| |   |   "clock domain" = 0x6d61696e
|| |   |   "IOProbeScore" = 0x0
|| |   |   "IOFunctionParent000000FD" = <>
|| |   |   "io buffer frame size" = 0x3de0
|| |   |   "maxChannelCount" = {"MaxInputChannelCount"=0x1,"MaxOutputChannelCount"=0x0}
|| |   |}
|| |   |
|| |   +-o IOAudio2DeviceUserClient  <class IOAudio2DeviceUserClient, id 0x100000bda, !registered, !matched,
active, busy 0, retain 5>
|| |       {
|| |         "IOUserClientCreator" = "pid 402, coreaudiod"
|| |         "IOUserClientDefaultLocking" = Yes
|| |       }
|| |
|| +-o tempsensor0@3B2C4000  <class AppleARMIODevice, id 0x1000002e9, registered, matched, active, busy 0
(409 ms), retain 8>
|| ||{
|| ||   "sensor-offset-CTL2" = <0c00000000000000>
|| ||   "location-id" = <69306854>
|| ||   "reg" = <00402c3b0000000000040030000000000000>
|| ||   "sensor-offset-CTL0-clr" = <0400000000000000>
|| ||   "AAPL,phandle" = <fe000000>
|| ||   "IODeviceMemory" = (({"address"=0x23b2c4000,"length"=0x34000}))
|| ||   "alarm1-temp" = <00000000>
|| ||   "sensor-AvgMax" = <00000000>
|| ||   "location-name" = <504d475220534f4320446965205054656d702053656e736f723000>
|| ||   "alarm0-temp" = <00000000>
|| ||   "sensor-offset-CTL1" = <0800000000000000>
|| ||   "sensor-offset-status" = <1000000000000000>
|| ||   "sensor-offset-readSum" = <5400000000000000>
```

```
|| || "sensor-offset-CTL3-set" = <9800000000000000>
|| || "reg-64-bit" = <00000000>
|| || "sensor-accuracy" = <02000000>
|| || "sensor-offset-CTL3-clr" = <9c00000000000000>
|| || "name" = <74656d7073656e736f723000>
|| || "sensor-offset-readBK" = <0000020000000000>
|| || "sensor-offset-alarm0" = <5c00000000000000>
|| || "sensor-offset-readCnt" = <5800000000000000>
|| || "compatible" = <74656d7073656e736f722c743830323000>
|| || "sensor-offset-alarm1" = <6000000000000000>
|| || "sensor-offset-alarm2" = <6400000000000000>
|| || "sensor-offset-readBK1" = <0400020000000000>
|| || "sensor-offset-alarm3" = <6800000000000000>
|| || "sensor-offset-CTL4-set" = <a000000000000000>
|| || "sensor-offset-CTL4-clr" = <a400000000000000>
|| || "device_type" = <74656d7073656e736f7200>
|| || "sensor-offset-CTL0-set" = <0000000000000000>
|| || "disable-aets-fastdie" = <01000000>
|| ||}
|| ||
|| |+-o AppleT8015TempSensor  <class AppleT8015TempSensor, id 0x1000003f1, registered, matched, active, busy 0
(212 ms), retain 8>
|| | |{
|| | | "IOClass" = "AppleT8015TempSensor"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOPlatformActiveAction" = 0x3b6
|| | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | "IOPlatformQuiesceAction" = 0xfa
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
|| | | "IOResourceMatch" = "IOKit"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IOFunctionParent000000FE" = <>
|| | | "IONameMatched" = "tempsensor,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "location-name" = <504d475220534f43204469652054656d702053656e736f723000>
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "DeviceOpenedByEventSystem" = Yes
|| | | "QueueSize" = 0x0
|| | |}
|| | |
|| | +-o AppleMobsiTmpSADC  <class AppleMobsiTmpSADC, id 0x1000003f2, registered, matched, active, busy 0
(212 ms), retain 8>
|| | |{
|| | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | | "VendorID" = 0x0
|| | | "CountryCode" = 0x0
|| | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | "Product" = "PMGR SOC Die Temp Sensor0"
|| | | "VersionNumber" = 0x0
|| | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | "PrimaryUsage" = 0x5
|| | | "LocationID" = 0x54683069
|| | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"NotificationCenterG$
|| | | "ProductID" = 0x0
|| | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | | "Built-In" = Yes
|| | | "ReportInterval" = 0x0
|| | | "HIDServiceSupport" = Yes
|| | | "PrimaryUsagePage" = 0xff00
|| | | "VendorIDSource" = 0x0
|| | |}
|| | |
|| | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b51, !registered, !matched,
active, busy 0, retain 6>
|| | {
|| | "IOUserClientDefaultLockingSetProperties" = Yes
|| | "IOUserClientDefaultLocking" = Yes
|| | "IOUserClientCreator" = "pid 385, WindowServer"
|| | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| | "IOUserClientEntitlements" = No
|| | "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
|| | }
|| |
|| +-o tempsensor1@3B2C4000  <class AppleARMIODevice, id 0x1000002ea, registered, matched, active, busy 0 (504
ms), retain 8>
|| ||{
|| || "sensor-offset-CTL2" = <0c40000000000000>
|| || "location-id" = <69316854>
|| || "reg" = <00402c3b0000000000040030000000000000>
|| || "sensor-offset-CTL0-clr" = <0440000000000000>
```

|| || "AAPL,phandle" = <ff000000>
|| || "IODeviceMemory" = (({"address"=0x23b2c4000,"length"=0x34000}))
|| || "alarm1-temp" = <00000000>
|| || "sensor-AvgMax" = <00000000>
|| || "location-name" = <504d475220534f43204469652054656d702053656e736f723100>
|| || "alarm0-temp" = <00000000>
|| || "sensor-offset-CTL1" = <0840000000000000>
|| || "sensor-offset-status" = <1040000000000000>
|| || "sensor-offset-readSum" = <5440000000000000>
|| || "sensor-offset-CTL3-set" = <9840000000000000>
|| || "reg-64-bit" = <00000000>
|| || "sensor-accuracy" = <02000000>
|| || "sensor-offset-CTL3-clr" = <9c40000000000000>
|| || "name" = <74656d7073656e736f723100>
|| || "sensor-offset-readBK" = <0040020000000000>
|| || "sensor-offset-alarm0" = <5c40000000000000>
|| || "sensor-offset-readCnt" = <5840000000000000>
|| || "compatible" = <74656d7073656e736f722c743830323000>
|| || "sensor-offset-alarm1" = <6040000000000000>
|| || "sensor-offset-alarm2" = <6440000000000000>
|| || "sensor-offset-readBK1" = <0440020000000000>
|| || "sensor-offset-alarm3" = <6840000000000000>
|| || "sensor-offset-CTL4-set" = <a040000000000000>
|| || "sensor-offset-CTL4-clr" = <a440000000000000>
|| || "device_type" = <74656d7073656e736f7200>
|| || "sensor-offset-CTL0-set" = <0040000000000000>
|| || "disable-aets-fastdie" = <01000000>
|| ||}
|| ||
|| | +-o AppleT8015TempSensor <class AppleT8015TempSensor, id 0x100000510, registered, matched, active, busy 0
(242 ms), retain 8>
|| | |{
|| | | "IOClass" = "AppleT8015TempSensor"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOPlatformActiveAction" = 0x3b6
|| | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | "IOPlatformQuiesceAction" = 0xfa
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
|| | | "IOResourceMatch" = "IOKit"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IONameMatched" = "tempsensor,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "IOFunctionParent000000FF" = <>
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "location-name" = <504d475220534f43204469652054656d702053656e736f723100>
|| | | "DeviceOpenedByEventSystem" = Yes
|| | | "QueueSize" = 0x0
|| | |}
|| | |
|| | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x100000511, registered, matched, active, busy 0
(264 ms), retain 8>
|| | |{
|| | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | | "VendorID" = 0x0
|| | | "CountryCode" = 0x0
|| | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | "Product" = "PMGR SOC Die Temp Sensor1"
|| | | "VersionNumber" = 0x0
|| | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | "PrimaryUsage" = 0x5
|| | | "LocationID" = 0x54683169
|| | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"NotificationCenterG$
|| | | "ProductID" = 0x0
|| | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | | "Built-In" = Yes
|| | | "ReportInterval" = 0x0
|| | | "HIDServiceSupport" = Yes
|| | | "PrimaryUsagePage" = 0xff00
|| | | "VendorIDSource" = 0x0
|| | |}
|| | |
|| | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b4b, !registered, !matched,
active, busy 0, retain 6>
|| | {
|| | "IOUserClientDefaultLockingSetProperties" = Yes
|| | "IOUserClientDefaultLocking" = Yes
|| | "IOUserClientCreator" = "pid 385, WindowServer"
|| | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| | "IOUserClientEntitlements" = No
|| | "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}

```
|| |      }
|| |
|| +-o tempsensor2@3B2C4000  <class AppleARMIODevice, id 0x1000002eb, registered, matched, active, busy 0 (414
ms), retain 8>
|| || {
|| ||   "sensor-offset-CTL2" = <0c80000000000000>
|| ||   "location-id" = <69326854>
|| ||   "reg" = <00402c3b0000000000040030000000000>
|| ||   "sensor-offset-CTL0-clr" = <0480000000000000>
|| ||   "AAPL,phandle" = <00010000>
|| ||   "IODeviceMemory" = (({"address"=0x23b2c4000,"length"=0x34000}))
|| ||   "alarm1-temp" = <00000000>
|| ||   "sensor-AvgMax" = <00000000>
|| ||   "location-name" = <504d475220534f43204469652054656d702053656e736f723200>
|| ||   "alarm0-temp" = <00000000>
|| ||   "sensor-offset-CTL1" = <0880000000000000>
|| ||   "sensor-offset-status" = <1080000000000000>
|| ||   "sensor-offset-readSum" = <5480000000000000>
|| ||   "sensor-offset-CTL3-set" = <9880000000000000>
|| ||   "reg-64-bit" = <00000000>
|| ||   "sensor-accuracy" = <02000000>
|| ||   "sensor-offset-CTL3-clr" = <9c80000000000000>
|| ||   "name" = <74656d7073656e736f723200>
|| ||   "sensor-offset-readBK" = <0080020000000000>
|| ||   "sensor-offset-alarm0" = <5c80000000000000>
|| ||   "sensor-offset-readCnt" = <5880000000000000>
|| ||   "compatible" = <74656d7073656e736f722c743830323000>
|| ||   "sensor-offset-alarm1" = <6080000000000000>
|| ||   "sensor-offset-alarm2" = <6480000000000000>
|| ||   "sensor-offset-readBK1" = <0480020000000000>
|| ||   "sensor-offset-alarm3" = <6880000000000000>
|| ||   "sensor-offset-CTL4-set" = <a080000000000000>
|| ||   "sensor-offset-CTL4-clr" = <a480000000000000>
|| ||   "device_type" = <74656d7073656e736f7200>
|| ||   "sensor-offset-CTL0-set" = <0080000000000000>
|| ||   "disable-aets-fastdie" = <01000000>
|| || }
|| ||
|| | +-o AppleT8015TempSensor  <class AppleT8015TempSensor, id 0x1000003e3, registered, matched, active, busy 0
(220 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AppleT8015TempSensor"
|| | |   "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | |   "IOProviderClass" = "AppleARMIODevice"
|| | |   "IOPlatformActiveAction" = 0x3b6
|| | |   "IOFunctionParent00000100" = <>
|| | |   "IOPlatformQuiesceAction" = 0xfa
|| | |   "IOProbeScore" = 0x0
|| | |   "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
|| | |   "IOResourceMatch" = "IOKit"
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | |   "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | |   "IONameMatched" = "tempsensor,t8020"
|| | |   "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | |   "location-name" = <504d475220534f43204469652054656d702053656e736f723200>
|| | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | |   "DeviceOpenedByEventSystem" = Yes
|| | |   "QueueSize" = 0x0
|| | | }
|| | |
|| | +-o AppleMobsiTmpSADC  <class AppleMobsiTmpSADC, id 0x1000003e5, registered, matched, active, busy 0
(195 ms), retain 8>
|| | | {
|| | |   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | |   "VendorID" = 0x0
|| | |   "CountryCode" = 0x0
|| | |   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | |   "Product" = "PMGR SOC Die Temp Sensor2"
|| | |   "VersionNumber" = 0x0
|| | |   "IOGeneralInterest" = "IOCommand is not serializable"
|| | |   "PrimaryUsage" = 0x5
|| | |   "LocationID" = 0x54683269
|| | |   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"NotificationCenterG$
|| | |   "ProductID" = 0x0
|| | |   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | |   "Built-In" = Yes
|| | |   "ReportInterval" = 0x0
|| | |   "HIDServiceSupport" = Yes
|| | |   "PrimaryUsagePage" = 0xff00
|| | |   "VendorIDSource" = 0x0
|| | | }
|| | |
|| | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b55, !registered, !matched,
```

active, busy 0, retain 6>
```
  || |     {
  || |       "IOUserClientDefaultLockingSetProperties" = Yes
  || |       "IOUserClientDefaultLocking" = Yes
  || |       "IOUserClientCreator" = "pid 385, WindowServer"
  || |       "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
  || |       "IOUserClientEntitlements" = No
  || |       "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
  || |     }
  || |
  || +-o mtrtempsensor3@3B280000  <class AppleARMIODevice, id 0x1000002ec, registered, matched, active, busy 0
(385 ms), retain 8>
  || ||{
  || ||   "reg" = <0000283b00000000000080000000000000000>
  || ||   "location-id" = <69307354>
  || ||   "sensor-offset-CTL0-clr" = <0410000000000000>
  || ||   "AAPL,phandle" = <01010000>
  || ||   "IODeviceMemory" = (({"address"=0x23b280000,"length"=0x8000}))
  || ||   "alarm1-temp" = <00000000>
  || ||   "invokes-sochot" = <01000000>
  || ||   "location-name" = <534f43204d54522054656d702053656e736f723000>
  || ||   "alarm0-temp" = <00000000>
  || ||   "sensor-AvgMax" = <00000000>
  || ||   "sensor-offset-status" = <0810000000000000>
  || ||   "sensor-offset-readSum" = <0c10000000000000>
  || ||   "reg-64-bit" = <00000000>
  || ||   "sensor-accuracy" = <02000000>
  || ||   "sensor-offset-CTL1-clr" = <6011000000000000>
  || ||   "sensor-offset-CTL1-set" = <5c11000000000000>
  || ||   "name" = <6d747274656d7073656e736f723300>
  || ||   "sensor-offset-readBK" = <0040000000000000>
  || ||   "sensor-offset-alarm0" = <1410000000000000>
  || ||   "sensor-offset-readCnt" = <1010000000000000>
  || ||   "compatible" = <74656d7073656e736f722c743830323000>
  || ||   "sensor-offset-alarm1" = <1810000000000000>
  || ||   "sensor-offset-alarm2" = <1c10000000000000>
  || ||   "sensor-offset-readBK1" = <0440000000000000>
  || ||   "sensor-offset-alarm3" = <2010000000000000>
  || ||   "sensor-offset-CTL2-set" = <6411000000000000>
  || ||   "device_type" = <74656d7073656e736f7200>
  || ||   "sensor-offset-CTL2-clr" = <6811000000000000>
  || ||   "sensor-offset-CTL0-set" = <0010000000000000>
  || ||   "disable-aets-fastdie" = <01000000>
  || ||}
  || ||
  || | +-o AppleT8015TempSensor  <class AppleT8015TempSensor, id 0x1000003df, registered, matched, active, busy 0
(189 ms), retain 8>
  || |  |{
  || |  |   "IOClass" = "AppleT8015TempSensor"
  || |  |   "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
  || |  |   "IOProviderClass" = "AppleARMIODevice"
  || |  |   "IOPlatformActiveAction" = 0x3b6
  || |  |   "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
  || |  |   "IOPlatformQuiesceAction" = 0xfa
  || |  |   "IOProbeScore" = 0x0
  || |  |   "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
  || |  |   "IOResourceMatch" = "IOKit"
  || |  |   "IOMatchedAtBoot" = Yes
  || |  |   "IOMatchCategory" = "IODefaultMatchCategory"
  || |  |   "IOFunctionParent00000101" = <>
  || |  |   "IONameMatched" = "tempsensor,t8020"
  || |  |   "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
  || |  |   "location-name" = <534f43204d54522054656d702053656e736f723000>
  || |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
  || |  |   "DeviceOpenedByEventSystem" = Yes
  || |  |   "QueueSize" = 0x0
  || |  |}
  || |  |
  || |  +-o AppleMobsiTmpSADC  <class AppleMobsiTmpSADC, id 0x1000003e0, registered, matched, active, busy 0
(191 ms), retain 8>
  || |   |{
  || |   |   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
  || |   |   "VendorID" = 0x0
  || |   |   "CountryCode" = 0x0
  || |   |   "IOUserClientClass" = "IOHIDEventServiceUserClient"
  || |   |   "Product" = "SOC MTR Temp Sensor0"
  || |   |   "VersionNumber" = 0x0
  || |   |   "IOGeneralInterest" = "IOCommand is not serializable"
  || |   |   "PrimaryUsage" = 0x5
  || |   |   "LocationID" = 0x54733069
  || |   |   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"NotificationCenterG$
  || |   |   "ProductID" = 0x0
  || |   |   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
```

```
|| |   |  "Built-In" = Yes
|| |   |  "ReportInterval" = 0x0
|| |   |  "HIDServiceSupport" = Yes
|| |   |  "PrimaryUsagePage" = 0xff00
|| |   |  "VendorIDSource" = 0x0
|| |   | }
|| |   |
|| |   +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b52, !registered, !matched,
active, busy 0, retain 6>
|| |       {
|| |         "IOUserClientDefaultLockingSetProperties" = Yes
|| |         "IOUserClientDefaultLocking" = Yes
|| |         "IOUserClientCreator" = "pid 385, WindowServer"
|| |         "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |         "IOUserClientEntitlements" = No
|| |         "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
|| |       }
|| |
||  +-o mtrtempsensor4@3B280000  <class AppleARMIODevice, id 0x1000002ed, registered, matched, active, busy 0
(443 ms), retain 8>
|| ||{
|| ||  "reg" = <0000283b000000000080000000000000>
|| ||  "location-id" = <69317354>
|| ||  "sensor-offset-CTL0-clr" = <0412000000000000>
|| ||  "AAPL,phandle" = <02010000>
|| ||  "IODeviceMemory" = (({"address"=0x23b280000,"length"=0x8000}))
|| ||  "alarm1-temp" = <00000000>
|| ||  "invokes-sochot" = <01000000>
|| ||  "location-name" = <534f43204d54522054656d702053656e736f723100>
|| ||  "alarm0-temp" = <00000000>
|| ||  "sensor-AvgMax" = <00000000>
|| ||  "sensor-offset-status" = <0812000000000000>
|| ||  "sensor-offset-readSum" = <0c12000000000000>
|| ||  "reg-64-bit" = <00000000>
|| ||  "sensor-accuracy" = <02000000>
|| ||  "sensor-offset-CTL1-clr" = <6013000000000000>
|| ||  "sensor-offset-CTL1-set" = <5c13000000000000>
|| ||  "name" = <6d747274656d7073656e736f723400>
|| ||  "sensor-offset-readBK" = <0042000000000000>
|| ||  "sensor-offset-alarm0" = <1412000000000000>
|| ||  "sensor-offset-readCnt" = <1012000000000000>
|| ||  "compatible" = <74656d7073656e736f722c743830323000>
|| ||  "sensor-offset-alarm1" = <1812000000000000>
|| ||  "sensor-offset-alarm2" = <1c12000000000000>
|| ||  "sensor-offset-readBK1" = <0442000000000000>
|| ||  "sensor-offset-alarm3" = <2012000000000000>
|| ||  "sensor-offset-CTL2-set" = <6413000000000000>
|| ||  "device_type" = <74656d7073656e736f7200>
|| ||  "sensor-offset-CTL2-clr" = <6813000000000000>
|| ||  "sensor-offset-CTL0-set" = <0012000000000000>
|| ||  "disable-aets-fastdie" = <01000000>
|| ||}
|| ||
|| |+-o AppleT8015TempSensor  <class AppleT8015TempSensor, id 0x100000439, registered, matched, active, busy 0
(235 ms), retain 8>
|| |  |{
|| |  |  "IOClass" = "AppleT8015TempSensor"
|| |  |  "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| |  |  "IOProviderClass" = "AppleARMIODevice"
|| |  |  "IOPlatformActiveAction" = 0x3b6
|| |  |  "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| |  |  "IOPlatformQuiesceAction" = 0xfa
|| |  |  "IOProbeScore" = 0x0
|| |  |  "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
|| |  |  "IOResourceMatch" = "IOKit"
|| |  |  "IOMatchedAtBoot" = Yes
|| |  |  "IOMatchCategory" = "IODefaultMatchCategory"
|| |  |  "IONameMatched" = "tempsensor,t8020"
|| |  |  "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| |  |  "IOFunctionParent00000102" = <>
|| |  |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| |  |  "location-name" = <534f43204d54522054656d702053656e736f723100>
|| |  |  "DeviceOpenedByEventSystem" = Yes
|| |  |  "QueueSize" = 0x0
|| |  |}
|| |  |
|| |  +-o AppleMobsiTmpSADC  <class AppleMobsiTmpSADC, id 0x10000043a, registered, matched, active, busy 0
(200 ms), retain 8>
|| |  |{
|| |  |  "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| |  |  "VendorID" = 0x0
|| |  |  "CountryCode" = 0x0
|| |  |  "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |  |  "Product" = "SOC MTR Temp Sensor1"
|| |  |  "VersionNumber" = 0x0
|| |  |  "IOGeneralInterest" = "IOCommand is not serializable"
|| |  |  "PrimaryUsage" = 0x5
|| |  |  "LocationID" = 0x54733169
```

```
 || |  |  "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"NotificationCenterG$
 || |  |  "ProductID" = 0x0
 || |  |  "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
 || |  |  "Built-In" = Yes
 || |  |  "ReportInterval" = 0x0
 || |  |  "HIDServiceSupport" = Yes
 || |  |  "PrimaryUsagePage" = 0xff00
 || |  |  "VendorIDSource" = 0x0
 || |  |}
 || |  |
 || |  +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b50, !registered, !matched,
active, busy 0, retain 6>
 || |      {
 || |        "IOUserClientDefaultLockingSetProperties" = Yes
 || |        "IOUserClientDefaultLocking" = Yes
 || |        "IOUserClientCreator" = "pid 385, WindowServer"
 || |        "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
 || |        "IOUserClientEntitlements" = No
 || |        "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
 || |      }
 || |
 || +-o mtrtempsensor5@3B280000  <class AppleARMIODevice, id 0x1000002ee, registered, matched, active, busy 0
(414 ms), retain 8>
 || ||{
 || ||  "reg" = <0000283b000000000080000000000000>
 || ||  "location-id" = <69327354>
 || ||  "sensor-offset-CTL0-clr" = <0414000000000000>
 || ||  "AAPL,phandle" = <03010000>
 || ||  "IODeviceMemory" = (({"address"=0x23b280000,"length"=0x8000}))
 || ||  "alarm1-temp" = <00000000>
 || ||  "invokes-sochot" = <01000000>
 || ||  "location-name" = <534f43204d54522054656d702053656e736f723200>
 || ||  "alarm0-temp" = <00000000>
 || ||  "sensor-AvgMax" = <00000000>
 || ||  "sensor-offset-status" = <0814000000000000>
 || ||  "sensor-offset-readSum" = <0c14000000000000>
 || ||  "reg-64-bit" = <00000000>
 || ||  "sensor-accuracy" = <02000000>
 || ||  "sensor-offset-CTL1-clr" = <6015000000000000>
 || ||  "sensor-offset-CTL1-set" = <5c15000000000000>
 || ||  "name" = <6d747274656d7073656e736f723500>
 || ||  "sensor-offset-readBK" = <0044000000000000>
 || ||  "sensor-offset-alarm0" = <1414000000000000>
 || ||  "sensor-offset-readCnt" = <1014000000000000>
 || ||  "compatible" = <74656d7073656e736f722c743830323000>
 || ||  "sensor-offset-alarm1" = <1814000000000000>
 || ||  "sensor-offset-alarm2" = <1c14000000000000>
 || ||  "sensor-offset-readBK1" = <0444000000000000>
 || ||  "sensor-offset-alarm3" = <2014000000000000>
 || ||  "sensor-offset-CTL2-set" = <6415000000000000>
 || ||  "device_type" = <74656d7073656e736f7200>
 || ||  "sensor-offset-CTL2-clr" = <6815000000000000>
 || ||  "sensor-offset-CTL0-set" = <0014000000000000>
 || ||  "disable-aets-fastdie" = <01000000>
 || ||}
 || ||
 || |+-o AppleT8015TempSensor  <class AppleT8015TempSensor, id 0x1000003e4, registered, matched, active, busy 0
(191 ms), retain 8>
 || |  |{
 || |  |  "IOClass" = "AppleT8015TempSensor"
 || |  |  "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
 || |  |  "IOProviderClass" = "AppleARMIODevice"
 || |  |  "IOPlatformActiveAction" = 0x3b6
 || |  |  "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
 || |  |  "IOPlatformQuiesceAction" = 0xfa
 || |  |  "IOProbeScore" = 0x0
 || |  |  "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
 || |  |  "IOResourceMatch" = "IOKit"
 || |  |  "IOMatchedAtBoot" = Yes
 || |  |  "IOMatchCategory" = "IODefaultMatchCategory"
 || |  |  "IONameMatched" = "tempsensor,t8020"
 || |  |  "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
 || |  |  "location-name" = <534f43204d54522054656d702053656e736f723200>
 || |  |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
 || |  |  "IOFunctionParent00000103" = <>
 || |  |  "DeviceOpenedByEventSystem" = Yes
 || |  |  "QueueSize" = 0x0
 || |  |}
 || |  |
 || |  +-o AppleMobsiTmpSADC  <class AppleMobsiTmpSADC, id 0x1000003e7, registered, matched, active, busy 0
(192 ms), retain 8>
 || |   |{
 || |   |  "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
```

```
|| | | "VendorID" = 0x0
|| | | "CountryCode" = 0x0
|| | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | "Product" = "SOC MTR Temp Sensor2"
|| | | "VersionNumber" = 0x0
|| | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | "PrimaryUsage" = 0x5
|| | | "LocationID" = 0x54733269
|| | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"NotificationCenterG$
|| | | "ProductID" = 0x0
|| | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | | "Built-In" = Yes
|| | | "ReportInterval" = 0x0
|| | | "HIDServiceSupport" = Yes
|| | | "PrimaryUsagePage" = 0xff00
|| | | "VendorIDSource" = 0x0
|| | | }
|| | |
|| | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b53, !registered, !matched,
active, busy 0, retain 6>
|| | {
|| | "IOUserClientDefaultLockingSetProperties" = Yes
|| | "IOUserClientDefaultLocking" = Yes
|| | "IOUserClientCreator" = "pid 385, WindowServer"
|| | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| | "IOUserClientEntitlements" = No
|| | "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
|| | }
|| |
|| +-o mtrtempsensor6@3B298000  <class AppleARMIODevice, id 0x1000002ef, registered, matched, active, busy 0
(415 ms), retain 8>
|| || {
|| || "reg" = <0080293b0000000000800000000000000>
|| || "location-id" = <69316154>
|| || "sensor-offset-CTL0-clr" = <0412000000000000>
|| || "AAPL,phandle" = <04010000>
|| || "IODeviceMemory" = ((({"address"=0x23b298000,"length"=0x8000}))
|| || "alarm1-temp" = <00000000>
|| || "invokes-sochot" = <01000000>
|| || "location-name" = <414e45204d54522054656d702053656e736f723100>
|| || "alarm0-temp" = <00000000>
|| || "sensor-AvgMax" = <00000000>
|| || "sensor-offset-status" = <0812000000000000>
|| || "sensor-offset-readSum" = <0c12000000000000>
|| || "reg-64-bit" = <00000000>
|| || "sensor-accuracy" = <02000000>
|| || "sensor-offset-CTL1-clr" = <6013000000000000>
|| || "sensor-offset-CTL1-set" = <5c13000000000000>
|| || "name" = <6d747274656d7073656e736f723600>
|| || "sensor-offset-readBK" = <0042000000000000>
|| || "sensor-offset-alarm0" = <1412000000000000>
|| || "sensor-offset-readCnt" = <1012000000000000>
|| || "compatible" = <74656d7073656e736f722c743830323000>
|| || "sensor-offset-alarm1" = <1812000000000000>
|| || "sensor-offset-alarm2" = <1c12000000000000>
|| || "sensor-offset-readBK1" = <0442000000000000>
|| || "sensor-offset-alarm3" = <2012000000000000>
|| || "sensor-offset-CTL2-set" = <6413000000000000>
|| || "device_type" = <74656d7073656e736f7200>
|| || "sensor-offset-CTL2-clr" = <6813000000000000>
|| || "sensor-offset-CTL0-set" = <0012000000000000>
|| || "disable-aets-fastdie" = <01000000>
|| || }
|| ||
|| |+-o AppleT8015TempSensor  <class AppleT8015TempSensor, id 0x1000003db, registered, matched, active, busy 0
(220 ms), retain 8>
|| | | {
|| | | "IOClass" = "AppleT8015TempSensor"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOFunctionParent00000104" = <>
|| | | "IOPlatformActiveAction" = 0x3b6
|| | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | "IOPlatformQuiesceAction" = 0xfa
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
|| | | "IOResourceMatch" = "IOKit"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IONameMatched" = "tempsensor,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "location-name" = <414e45204d54522054656d702053656e736f723100>
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "DeviceOpenedByEventSystem" = Yes
```

```
|| | |   "QueueSize" = 0x0
|| | |}
|| | |
|| | +-o AppleMobsiTmpSADC  <class AppleMobsiTmpSADC, id 0x1000003de, registered, matched, active, busy 0
(197 ms), retain 8>
|| | |{
|| | |   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | |   "VendorID" = 0x0
|| | |   "CountryCode" = 0x0
|| | |   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | |   "Product" = "ANE MTR Temp Sensor1"
|| | |   "VersionNumber" = 0x0
|| | |   "IOGeneralInterest" = "IOCommand is not serializable"
|| | |   "PrimaryUsage" = 0x5
|| | |   "LocationID" = 0x54613169
|| | |   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"NotificationCenterG$
|| | |   "ProductID" = 0x0
|| | |   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | |   "Built-In" = Yes
|| | |   "ReportInterval" = 0x0
|| | |   "HIDServiceSupport" = Yes
|| | |   "PrimaryUsagePage" = 0xff00
|| | |   "VendorIDSource" = 0x0
|| | |}
|| | |
|| | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b54, !registered, !matched,
active, busy 0, retain 6>
|| |     {
|| |       "IOUserClientDefaultLockingSetProperties" = Yes
|| |       "IOUserClientDefaultLocking" = Yes
|| |       "IOUserClientCreator" = "pid 385, WindowServer"
|| |       "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |       "IOUserClientEntitlements" = No
|| |       "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
|| |     }
|| |
|| +-o mtrtempsensor7@3B2A0000  <class AppleARMIODevice, id 0x1000002f0, registered, matched, active, busy 0
(441 ms), retain 8>
|| ||{
|| ||   "reg" = <00002a3b0000000000080000000000000>
|| ||   "location-id" = <69357354>
|| ||   "sensor-offset-CTL0-clr" = <0410000000000000>
|| ||   "AAPL,phandle" = <05010000>
|| ||   "IODeviceMemory" = (({"address"=0x23b2a0000,"length"=0x8000}))
|| ||   "alarm1-temp" = <00000000>
|| ||   "invokes-sochot" = <01000000>
|| ||   "location-name" = <495350204d54522054656d702053656e736f723500>
|| ||   "alarm0-temp" = <00000000>
|| ||   "sensor-AvgMax" = <00000000>
|| ||   "sensor-offset-status" = <0810000000000000>
|| ||   "sensor-offset-readSum" = <0c10000000000000>
|| ||   "reg-64-bit" = <00000000>
|| ||   "sensor-accuracy" = <02000000>
|| ||   "sensor-offset-CTL1-clr" = <6011000000000000>
|| ||   "sensor-offset-CTL1-set" = <5c11000000000000>
|| ||   "name" = <6d747274656d7073656e736f723700>
|| ||   "sensor-offset-readBK" = <0040000000000000>
|| ||   "sensor-offset-alarm0" = <1410000000000000>
|| ||   "sensor-offset-readCnt" = <1010000000000000>
|| ||   "compatible" = <74656d7073656e736f722c743830323000>
|| ||   "sensor-offset-alarm1" = <1810000000000000>
|| ||   "sensor-offset-alarm2" = <1c10000000000000>
|| ||   "sensor-offset-readBK1" = <0440000000000000>
|| ||   "sensor-offset-alarm3" = <2010000000000000>
|| ||   "sensor-offset-CTL2-set" = <6411000000000000>
|| ||   "device_type" = <74656d7073656e736f7200>
|| ||   "sensor-offset-CTL2-clr" = <6811000000000000>
|| ||   "sensor-offset-CTL0-set" = <0010000000000000>
|| ||   "disable-aets-fastdie" = <01000000>
|| ||}
|| ||
|| |+-o AppleT8015TempSensor  <class AppleT8015TempSensor, id 0x1000004d4, registered, matched, active, busy 0
(217 ms), retain 8>
|| | |{
|| | |   "IOClass" = "AppleT8015TempSensor"
|| | |   "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | |   "IOProviderClass" = "AppleARMIODevice"
|| | |   "IOPlatformActiveAction" = 0x3b6
|| | |   "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | |   "IOPlatformQuiesceAction" = 0xfa
|| | |   "IOProbeScore" = 0x0
|| | |   "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
|| | |   "IOResourceMatch" = "IOKit"
```

|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IOFunctionParent00000105" = <>
|| | | "IONameMatched" = "tempsensor,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "location-name" = <495350204d54522054656d702053656e736f723500>
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "DeviceOpenedByEventSystem" = Yes
|| | | "QueueSize" = 0x0
|| | |}
|| | |
|| | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x1000004d7, registered, matched, active, busy 0 (187 ms), retain 8>
|| | |{
|| | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | | "VendorID" = 0x0
|| | | "CountryCode" = 0x0
|| | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | "Product" = "ISP MTR Temp Sensor5"
|| | | "VersionNumber" = 0x0
|| | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | "PrimaryUsage" = 0x5
|| | | "LocationID" = 0x54733569
|| | | "HIDEventServiceProperties" = {"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"={"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HIDPointerAcceleration"=0xb000,"NotificationCenterG$
|| | | "ProductID" = 0x0
|| | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | | "Built-In" = Yes
|| | | "ReportInterval" = 0x0
|| | | "HIDServiceSupport" = Yes
|| | | "PrimaryUsagePage" = 0xff00
|| | | "VendorIDSource" = 0x0
|| | |}
|| | |
|| | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b4e, !registered, !matched, active, busy 0, retain 6>
|| | {
|| | "IOUserClientDefaultLockingSetProperties" = Yes
|| | "IOUserClientDefaultLocking" = Yes
|| | "IOUserClientCreator" = "pid 385, WindowServer"
|| | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| | "IOUserClientEntitlements" = No
|| | "DebugState" = {"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
|| | }
|| |
|| +-o mtrtempsensor8@10000000 <class AppleARMIODevice, id 0x1000002f1, registered, matched, active, busy 0 (483 ms), retain 8>
|| ||{
|| || "reg" = <000000010000000000000000100000000>
|| || "location-id" = <69306554>
|| || "sensor-offset-CTL0-clr" = <0410ee0000000000>
|| || "AAPL,phandle" = <06010000>
|| || "IODeviceMemory" = (({"address"=0x210000000,"length"=0x1000000}))
|| || "alarm1-temp" = <00000000>
|| || "invokes-sochot" = <01000000>
|| || "location-name" = <65414343204d54522054656d702053656e736f723000>
|| || "alarm0-temp" = <00000000>
|| || "sensor-AvgMax" = <00000000>
|| || "sensor-offset-status" = <0810ee0000000000>
|| || "sensor-offset-readSum" = <0c10ee0000000000>
|| || "reg-64-bit" = <00000000>
|| || "sensor-accuracy" = <02000000>
|| || "sensor-offset-CTL1-clr" = <6011ee0000000000>
|| || "sensor-offset-CTL1-set" = <5c11ee0000000000>
|| || "name" = <6d747274656d7073656e736f723800>
|| || "sensor-offset-readBK" = <0040ee0000000000>
|| || "sensor-offset-alarm0" = <1410ee0000000000>
|| || "sensor-offset-readCnt" = <1010ee0000000000>
|| || "compatible" = <74656d7073656e736f722c743830323000>
|| || "sensor-offset-alarm1" = <1810ee0000000000>
|| || "sensor-offset-alarm2" = <1c10ee0000000000>
|| || "sensor-offset-readBK1" = <0440ee0000000000>
|| || "sensor-offset-alarm3" = <2010ee0000000000>
|| || "sensor-offset-CTL2-set" = <6411ee0000000000>
|| || "device_type" = <74656d7073656e736f7200>
|| || "sensor-offset-CTL2-clr" = <6811ee0000000000>
|| || "sensor-offset-CTL0-set" = <0010ee0000000000>
|| || "disable-aets-fastdie" = <01000000>
|| ||}
|| ||
|| |+-o AppleT8015TempSensor <class AppleT8015TempSensor, id 0x1000004d1, registered, matched, active, busy 0 (258 ms), retain 8>
|| | |{
|| | | "IOClass" = "AppleT8015TempSensor"

```
|| |  |  "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| |  |  "IOProviderClass" = "AppleARMIODevice"
|| |  |  "IOPlatformActiveAction" = 0x3b6
|| |  |  "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| |  |  "IOPlatformQuiesceAction" = 0xfa
|| |  |  "IOProbeScore" = 0x0
|| |  |  "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
|| |  |  "IOResourceMatch" = "IOKit"
|| |  |  "IOMatchedAtBoot" = Yes
|| |  |  "IOMatchCategory" = "IODefaultMatchCategory"
|| |  |  "IOFunctionParent00000106" = <>
|| |  |  "IONameMatched" = "tempsensor,t8020"
|| |  |  "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| |  |  "location-name" = <65414343204d54522054656d702053656e736f723000>
|| |  |  "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| |  |  "DeviceOpenedByEventSystem" = Yes
|| |  |  "QueueSize" = 0x0
|| |  |}
|| |  |
|| |  +-o AppleMobsiTmpSADC  <class AppleMobsiTmpSADC, id 0x1000004d5, registered, matched, active, busy 0
(221 ms), retain 8>
|| |  |{
|| |  |  "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| |  |  "VendorID" = 0x0
|| |  |  "CountryCode" = 0x0
|| |  |  "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |  |  "Product" = "eACC MTR Temp Sensor0"
|| |  |  "VersionNumber" = 0x0
|| |  |  "IOGeneralInterest" = "IOCommand is not serializable"
|| |  |  "PrimaryUsage" = 0x5
|| |  |  "LocationID" = 0x54653069
|| |  |  "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"NotificationCenterG$
|| |  |  "ProductID" = 0x0
|| |  |  "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |  |  "Built-In" = Yes
|| |  |  "ReportInterval" = 0x0
|| |  |  "HIDServiceSupport" = Yes
|| |  |  "PrimaryUsagePage" = 0xff00
|| |  |  "VendorIDSource" = 0x0
|| |  |}
|| |  |
|| |  +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b4c, !registered, !matched,
active, busy 0, retain 6>
|| |  {
|| |    "IOUserClientDefaultLockingSetProperties" = Yes
|| |    "IOUserClientDefaultLocking" = Yes
|| |    "IOUserClientCreator" = "pid 385, WindowServer"
|| |    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |    "IOUserClientEntitlements" = No
|| |    "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
|| |    }
|| |
|| +-o mtrtempsensor9@10000000  <class AppleARMIODevice, id 0x1000002f2, registered, matched, active, busy 0
(441 ms), retain 8>
|| ||{
|| ||  "reg" = <00000010000000000000000100000000>
|| ||  "location-id" = <69336554>
|| ||  "sensor-offset-CTL0-clr" = <0416ee0000000000>
|| ||  "AAPL,phandle" = <07010000>
|| ||  "IODeviceMemory" = (({"address"=0x210000000,"length"=0x1000000}))
|| ||  "alarm1-temp" = <00000000>
|| ||  "invokes-sochot" = <01000000>
|| ||  "location-name" = <65414343204d54522054656d702053656e736f723300>
|| ||  "alarm0-temp" = <00000000>
|| ||  "sensor-AvgMax" = <00000000>
|| ||  "sensor-offset-status" = <0816ee0000000000>
|| ||  "sensor-offset-readSum" = <0c16ee0000000000>
|| ||  "reg-64-bit" = <00000000>
|| ||  "sensor-accuracy" = <02000000>
|| ||  "sensor-offset-CTL1-clr" = <6017ee0000000000>
|| ||  "sensor-offset-CTL1-set" = <5c17ee0000000000>
|| ||  "name" = <6d747274656d7073656e736f723900>
|| ||  "sensor-offset-readBK" = <0046ee0000000000>
|| ||  "sensor-offset-alarm0" = <1416ee0000000000>
|| ||  "sensor-offset-readCnt" = <1016ee0000000000>
|| ||  "compatible" = <74656d7073656e736f722c743830323000>
|| ||  "sensor-offset-alarm1" = <1816ee0000000000>
|| ||  "sensor-offset-alarm2" = <1c16ee0000000000>
|| ||  "sensor-offset-readBK1" = <0446ee0000000000>
|| ||  "sensor-offset-alarm3" = <2016ee0000000000>
|| ||  "sensor-offset-CTL2-set" = <6417ee0000000000>
|| ||  "device_type" = <74656d7073656e736f7200>
|| ||  "sensor-offset-CTL2-clr" = <6817ee0000000000>
```

```
|| ||   "sensor-offset-CTL0-set" = <0016ee0000000000>
|| ||   "disable-aets-fastdie" = <01000000>
|| || }
|| ||
|| | +-o AppleT8015TempSensor  <class AppleT8015TempSensor, id 0x10000044a, registered, matched, active, busy 0
(230 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AppleT8015TempSensor"
|| | |   "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | |   "IOProviderClass" = "AppleARMIODevice"
|| | |   "IOPlatformActiveAction" = 0x3b6
|| | |   "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | |   "IOPlatformQuiesceAction" = 0xfa
|| | |   "IOProbeScore" = 0x0
|| | |   "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
|| | |   "IOResourceMatch" = "IOKit"
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | |   "IONameMatched" = "tempsensor,t8020"
|| | |   "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | |   "IOFunctionParent00000107" = <>
|| | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | |   "location-name" = <65414343204d54522054656d702053656e736f723300>
|| | |   "DeviceOpenedByEventSystem" = Yes
|| | |   "QueueSize" = 0x0
|| | | }
|| | |
|| | +-o AppleMobsiTmpSADC  <class AppleMobsiTmpSADC, id 0x100000451, registered, matched, active, busy 0
(231 ms), retain 8>
|| | | {
|| | |   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | |   "VendorID" = 0x0
|| | |   "CountryCode" = 0x0
|| | |   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | |   "Product" = "eACC MTR Temp Sensor3"
|| | |   "VersionNumber" = 0x0
|| | |   "IOGeneralInterest" = "IOCommand is not serializable"
|| | |   "PrimaryUsage" = 0x5
|| | |   "LocationID" = 0x54653369
|| | |   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"NotificationCenterG$
|| | |   "ProductID" = 0x0
|| | |   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | |   "Built-In" = Yes
|| | |   "ReportInterval" = 0x0
|| | |   "HIDServiceSupport" = Yes
|| | |   "PrimaryUsagePage" = 0xff00
|| | |   "VendorIDSource" = 0x0
|| | | }
|| | |
|| | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b4f, !registered, !matched,
active, busy 0, retain 6>
|| |     {
|| |       "IOUserClientDefaultLockingSetProperties" = Yes
|| |       "IOUserClientDefaultLocking" = Yes
|| |       "IOUserClientCreator" = "pid 385, WindowServer"
|| |       "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |       "IOUserClientEntitlements" = No
|| |       "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
|| |     }
|| |
|| +-o mtrtempsensor10@11000000  <class AppleARMIODevice, id 0x1000002f3, registered, matched, active, busy 0
(409 ms), retain 8>
|| || {
|| ||   "reg" = <000000110000000000000000100000000>
|| ||   "location-id" = <69327054>
|| ||   "sensor-offset-CTL0-clr" = <0414ee0000000000>
|| ||   "AAPL,phandle" = <08010000>
|| ||   "IODeviceMemory" = ((({"address"=0x211000000,"length"=0x1000000}))
|| ||   "alarm1-temp" = <00000000>
|| ||   "invokes-sochot" = <01000000>
|| ||   "location-name" = <70414343204d54522054656d702053656e736f723200>
|| ||   "alarm0-temp" = <00000000>
|| ||   "sensor-AvgMax" = <00000000>
|| ||   "sensor-offset-status" = <0814ee0000000000>
|| ||   "sensor-offset-readSum" = <0c14ee0000000000>
|| ||   "reg-64-bit" = <00000000>
|| ||   "sensor-accuracy" = <02000000>
|| ||   "sensor-offset-CTL1-clr" = <6015ee0000000000>
|| ||   "sensor-offset-CTL1-set" = <5c15ee0000000000>
|| ||   "name" = <6d747274656d7073656e736f72313000>
|| ||   "sensor-offset-readBK" = <0044ee0000000000>
|| ||   "sensor-offset-alarm0" = <1414ee0000000000>
|| ||   "sensor-offset-readCnt" = <1014ee0000000000>
```

|| || "compatible" = <74656d7073656e736f722c743830323000>
|| || "sensor-offset-alarm1" = <1814ee0000000000>
|| || "sensor-offset-alarm2" = <1c14ee0000000000>
|| || "sensor-offset-readBK1" = <0444ee0000000000>
|| || "sensor-offset-alarm3" = <2014ee0000000000>
|| || "sensor-offset-CTL2-set" = <6415ee0000000000>
|| || "device_type" = <74656d7073656e736f7200>
|| || "sensor-offset-CTL2-clr" = <6815ee0000000000>
|| || "sensor-offset-CTL0-set" = <0014ee0000000000>
|| || "disable-aets-fastdie" = <01000000>
|| ||}
|| ||
|| | +-o AppleT8015TempSensor <class AppleT8015TempSensor, id 0x1000004cb, registered, matched, active, busy 0
(185 ms), retain 8>
|| | |{
|| | | "IOClass" = "AppleT8015TempSensor"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOFunctionParent00000108" = <>
|| | | "IOPlatformActiveAction" = 0x3b6
|| | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | "IOPlatformQuiesceAction" = 0xfa
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
|| | | "IOResourceMatch" = "IOKit"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IONameMatched" = "tempsensor,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "location-name" = <70414343204d54522054656d702053656e736f723200>
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "DeviceOpenedByEventSystem" = Yes
|| | | "QueueSize" = 0x0
|| | |}
|| | |
|| | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x1000004d0, registered, matched, active, busy 0
(181 ms), retain 8>
|| | |{
|| | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | | "VendorID" = 0x0
|| | | "CountryCode" = 0x0
|| | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | "Product" = "pACC MTR Temp Sensor2"
|| | | "VersionNumber" = 0x0
|| | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | "PrimaryUsage" = 0x5
|| | | "LocationID" = 0x54703269
|| | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"NotificationCenterG$
|| | | "ProductID" = 0x0
|| | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | | "Built-In" = Yes
|| | | "ReportInterval" = 0x0
|| | | "HIDServiceSupport" = Yes
|| | | "PrimaryUsagePage" = 0xff00
|| | | "VendorIDSource" = 0x0
|| | |}
|| | |
|| | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b4d, !registered, !matched,
active, busy 0, retain 6>
|| | | {
|| | | "IOUserClientDefaultLockingSetProperties" = Yes
|| | | "IOUserClientDefaultLocking" = Yes
|| | | "IOUserClientCreator" = "pid 385, WindowServer"
|| | | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| | | "IOUserClientEntitlements" = No
|| | | "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
|| | | }
|| |
|| +-o mtrtempsensor11@11000000 <class AppleARMIODevice, id 0x1000002f4, registered, matched, active, busy 0
(367 ms), retain 8>
|| ||{
|| || "reg" = <00000011000000000000000100000000>
|| || "location-id" = <69337054>
|| || "sensor-offset-CTL0-clr" = <0416ee0000000000>
|| || "AAPL,phandle" = <09010000>
|| || "IODeviceMemory" = (({"address"=0x211000000,"length"=0x1000000}))
|| || "alarm1-temp" = <00000000>
|| || "invokes-sochot" = <01000000>
|| || "location-name" = <70414343204d54522054656d702053656e736f723300>
|| || "alarm0-temp" = <00000000>
|| || "sensor-AvgMax" = <00000000>
|| || "sensor-offset-status" = <0816ee0000000000>
|| || "sensor-offset-readSum" = <0c16ee0000000000>

```
|| || "reg-64-bit" = <00000000>
|| || "sensor-accuracy" = <02000000>
|| || "sensor-offset-CTL1-clr" = <6017ee0000000000>
|| || "sensor-offset-CTL1-set" = <5c17ee0000000000>
|| || "name" = <6d747274656d7073656e736f72313100>
|| || "sensor-offset-readBK" = <0046ee0000000000>
|| || "sensor-offset-alarm0" = <1416ee0000000000>
|| || "sensor-offset-readCnt" = <1016ee0000000000>
|| || "compatible" = <74656d7073656e736f722c743830323000>
|| || "sensor-offset-alarm1" = <1816ee0000000000>
|| || "sensor-offset-alarm2" = <1c16ee0000000000>
|| || "sensor-offset-readBK1" = <0446ee0000000000>
|| || "sensor-offset-alarm3" = <2016ee0000000000>
|| || "sensor-offset-CTL2-set" = <6417ee0000000000>
|| || "device_type" = <74656d7073656e736f7200>
|| || "sensor-offset-CTL2-clr" = <6817ee0000000000>
|| || "sensor-offset-CTL0-set" = <0016ee0000000000>
|| || "disable-aets-fastdie" = <01000000>
|| ||}
|| ||
|| |+-o AppleT8015TempSensor  <class AppleT8015TempSensor, id 0x1000003b2, registered, matched, active, busy 0
(180 ms), retain 8>
|| | |{
|| | |   "IOClass" = "AppleT8015TempSensor"
|| | |   "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | |   "IOProviderClass" = "AppleARMIODevice"
|| | |   "IOPlatformActiveAction" = 0x3b6
|| | |   "IOFunctionParent00000109" = <>
|| | |   "IOPlatformQuiesceAction" = 0xfa
|| | |   "IOProbeScore" = 0x0
|| | |   "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
|| | |   "IOResourceMatch" = "IOKit"
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | |   "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | |   "IONameMatched" = "tempsensor,t8020"
|| | |   "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | |   "location-name" = <70414343204d54522054656d702053656e736f723300>
|| | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | |   "DeviceOpenedByEventSystem" = Yes
|| | |   "QueueSize" = 0x0
|| | |}
|| | |
|| | +-o AppleMobsiTmpSADC  <class AppleMobsiTmpSADC, id 0x1000003b6, registered, matched, active, busy 0
(178 ms), retain 8>
|| | |{
|| | |   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | |   "VendorID" = 0x0
|| | |   "CountryCode" = 0x0
|| | |   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | |   "Product" = "pACC MTR Temp Sensor3"
|| | |   "VersionNumber" = 0x0
|| | |   "IOGeneralInterest" = "IOCommand is not serializable"
|| | |   "PrimaryUsage" = 0x5
|| | |   "LocationID" = 0x54703369
|| | |   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"NotificationCenterG$
|| | |   "ProductID" = 0x0
|| | |   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | |   "Built-In" = Yes
|| | |   "ReportInterval" = 0x0
|| | |   "HIDServiceSupport" = Yes
|| | |   "PrimaryUsagePage" = 0xff00
|| | |   "VendorIDSource" = 0x0
|| | |}
|| | |
|| | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b56, !registered, !matched,
active, busy 0, retain 6>
|| | |   {
|| | |     "IOUserClientDefaultLockingSetProperties" = Yes
|| | |     "IOUserClientDefaultLocking" = Yes
|| | |     "IOUserClientCreator" = "pid 385, WindowServer"
|| | |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| | |     "IOUserClientEntitlements" = No
|| | |     "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
|| | |   }
|| | |
|| +-o mtrtempsensor12@11000000  <class AppleARMIODevice, id 0x1000002f5, registered, matched, active, busy 0
(361 ms), retain 8>
|| ||{
|| || "reg" = <000000110000000000000000100000000>
|| || "location-id" = <69347054>
|| || "sensor-offset-CTL0-clr" = <0418ee0000000000>
|| || "AAPL,phandle" = <0a010000>
```

|| || "IODeviceMemory" = (({"address"=0x211000000,"length"=0x1000000}))
|| || "alarm1-temp" = <00000000>
|| || "invokes-sochot" = <01000000>
|| || "location-name" = <70414343204d54522054656d702053656e736f723400>
|| || "alarm0-temp" = <00000000>
|| || "sensor-AvgMax" = <00000000>
|| || "sensor-offset-status" = <0818ee0000000000>
|| || "sensor-offset-readSum" = <0c18ee0000000000>
|| || "reg-64-bit" = <00000000>
|| || "sensor-accuracy" = <02000000>
|| || "sensor-offset-CTL1-clr" = <6019ee0000000000>
|| || "sensor-offset-CTL1-set" = <5c19ee0000000000>
|| || "name" = <6d747274656d7073656e736f72313200>
|| || "sensor-offset-readBK" = <0048ee0000000000>
|| || "sensor-offset-alarm0" = <1418ee0000000000>
|| || "sensor-offset-readCnt" = <1018ee0000000000>
|| || "compatible" = <74656d7073656e736f722c743830323000>
|| || "sensor-offset-alarm1" = <1818ee0000000000>
|| || "sensor-offset-alarm2" = <1c18ee0000000000>
|| || "sensor-offset-readBK1" = <0448ee0000000000>
|| || "sensor-offset-alarm3" = <2018ee0000000000>
|| || "sensor-offset-CTL2-set" = <6419ee0000000000>
|| || "device_type" = <74656d7073656e736f7200>
|| || "sensor-offset-CTL2-clr" = <6819ee0000000000>
|| || "sensor-offset-CTL0-set" = <0018ee0000000000>
|| || "disable-aets-fastdie" = <01000000>
|| ||}
|| ||
|| |+-o AppleT8015TempSensor <class AppleT8015TempSensor, id 0x10000036d, registered, matched, active, busy 0 (205 ms), retain 8>
|| | |{
|| | | "IOClass" = "AppleT8015TempSensor"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOPlatformActiveAction" = 0x3b6
|| | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | "IOPlatformQuiesceAction" = 0xfa
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
|| | | "IOResourceMatch" = "IOKit"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IONameMatched" = "tempsensor,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "location-name" = <70414343204d54522054656d702053656e736f723400>
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "DeviceOpenedByEventSystem" = Yes
|| | | "IOFunctionParent0000010A" = <>
|| | | "QueueSize" = 0x0
|| | |}
|| | |
|| | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x10000036f, registered, matched, active, busy 0 (205 ms), retain 8>
|| | |{
|| | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | | "VendorID" = 0x0
|| | | "CountryCode" = 0x0
|| | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | "Product" = "pACC MTR Temp Sensor4"
|| | | "VersionNumber" = 0x0
|| | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | "PrimaryUsage" = 0x5
|| | | "LocationID" = 0x54703469
|| | | "HIDEventServiceProperties" = {"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"={"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HIDPointerAcceleration"=0xb000,"NotificationCenterG$
|| | | "ProductID" = 0x0
|| | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | | "Built-In" = Yes
|| | | "ReportInterval" = 0x0
|| | | "HIDServiceSupport" = Yes
|| | | "PrimaryUsagePage" = 0xff00
|| | | "VendorIDSource" = 0x0
|| | |}
|| | |
|| | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b58, !registered, !matched, active, busy 0, retain 6>
|| | {
|| | "IOUserClientDefaultLockingSetProperties" = Yes
|| | "IOUserClientDefaultLocking" = Yes
|| | "IOUserClientCreator" = "pid 385, WindowServer"
|| | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| | "IOUserClientEntitlements" = No
|| | "DebugState" = {"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
|| | }

```
|| |
|| +-o mtrtempsensor13@11000000  <class AppleARMIODevice, id 0x1000002f6, registered, matched, active, busy 0
(407 ms), retain 8>
|| ||{
|| ||   "reg" = <00000011000000000000000100000000>
|| ||   "location-id" = <69357054>
|| ||   "sensor-offset-CTL0-clr" = <0490ee0000000000>
|| ||   "AAPL,phandle" = <0b010000>
|| ||   "IODeviceMemory" = (({"address"=0x211000000,"length"=0x1000000}))
|| ||   "alarm1-temp" = <00000000>
|| ||   "invokes-sochot" = <01000000>
|| ||   "location-name" = <70414343204d54522054656d702053656e736f723500>
|| ||   "alarm0-temp" = <00000000>
|| ||   "sensor-AvgMax" = <00000000>
|| ||   "sensor-offset-status" = <0890ee0000000000>
|| ||   "sensor-offset-readSum" = <0c90ee0000000000>
|| ||   "reg-64-bit" = <00000000>
|| ||   "sensor-accuracy" = <02000000>
|| ||   "sensor-offset-CTL1-clr" = <6091ee0000000000>
|| ||   "sensor-offset-CTL1-set" = <5c91ee0000000000>
|| ||   "name" = <6d747274656d7073656e736f72313300>
|| ||   "sensor-offset-readBK" = <00c0ee0000000000>
|| ||   "sensor-offset-alarm0" = <1490ee0000000000>
|| ||   "sensor-offset-readCnt" = <1090ee0000000000>
|| ||   "compatible" = <74656d7073656e736f722c743830323000>
|| ||   "sensor-offset-alarm1" = <1890ee0000000000>
|| ||   "sensor-offset-alarm2" = <1c90ee0000000000>
|| ||   "sensor-offset-readBK1" = <04c0ee0000000000>
|| ||   "sensor-offset-alarm3" = <2090ee0000000000>
|| ||   "sensor-offset-CTL2-set" = <6491ee0000000000>
|| ||   "device_type" = <74656d7073656e736f7200>
|| ||   "sensor-offset-CTL2-clr" = <6891ee0000000000>
|| ||   "sensor-offset-CTL0-set" = <0090ee0000000000>
|| ||   "disable-aets-fastdie" = <01000000>
|| ||}
|| ||
|| |+-o AppleT8015TempSensor  <class AppleT8015TempSensor, id 0x100000368, registered, matched, active, busy 0
(252 ms), retain 8>
|| |  |{
|| |  |   "IOClass" = "AppleT8015TempSensor"
|| |  |   "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| |  |   "IOProviderClass" = "AppleARMIODevice"
|| |  |   "IOFunctionParent0000010B" = <>
|| |  |   "IOPlatformActiveAction" = 0x3b6
|| |  |   "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| |  |   "IOPlatformQuiesceAction" = 0xfa
|| |  |   "IOProbeScore" = 0x0
|| |  |   "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
|| |  |   "IOResourceMatch" = "IOKit"
|| |  |   "IOMatchedAtBoot" = Yes
|| |  |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |  |   "IONameMatched" = "tempsensor,t8020"
|| |  |   "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| |  |   "location-name" = <70414343204d54522054656d702053656e736f723500>
|| |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| |  |   "DeviceOpenedByEventSystem" = Yes
|| |  |   "QueueSize" = 0x0
|| |  |}
|| |  |
|| | +-o AppleMobsiTmpSADC  <class AppleMobsiTmpSADC, id 0x100000369, registered, matched, active, busy 0
(238 ms), retain 8>
|| |  |{
|| |  |   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| |  |   "VendorID" = 0x0
|| |  |   "CountryCode" = 0x0
|| |  |   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |  |   "Product" = "pACC MTR Temp Sensor5"
|| |  |   "VersionNumber" = 0x0
|| |  |   "IOGeneralInterest" = "IOCommand is not serializable"
|| |  |   "PrimaryUsage" = 0x5
|| |  |   "LocationID" = 0x54703569
|| |  |   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"NotificationCenterG$
|| |  |   "ProductID" = 0x0
|| |  |   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |  |   "Built-In" = Yes
|| |  |   "ReportInterval" = 0x0
|| |  |   "HIDServiceSupport" = Yes
|| |  |   "PrimaryUsagePage" = 0xff00
|| |  |   "VendorIDSource" = 0x0
|| |  |}
|| |  |
|| | +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b59, !registered, !matched,
active, busy 0, retain 6>
|| |      {
```

```
|| |        "IOUserClientDefaultLockingSetProperties" = Yes
|| |        "IOUserClientDefaultLocking" = Yes
|| |        "IOUserClientCreator" = "pid 385, WindowServer"
|| |        "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |        "IOUserClientEntitlements" = No
|| |        "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
|| |      }
|| |
|| +-o mtrtempsensor14@11000000  <class AppleARMIODevice, id 0x1000002f7, registered, matched, active, busy 0
(373 ms), retain 8>
|| || {
|| ||   "reg" = <00000011000000000000000100000000>
|| ||   "location-id" = <69377054>
|| ||   "sensor-offset-CTL0-clr" = <0412ef0000000000>
|| ||   "AAPL,phandle" = <0c010000>
|| ||   "IODeviceMemory" = (({"address"=0x211000000,"length"=0x1000000}))
|| ||   "alarm1-temp" = <00000000>
|| ||   "invokes-sochot" = <01000000>
|| ||   "location-name" = <70414343204d54522054656d702053656e736f723700>
|| ||   "alarm0-temp" = <00000000>
|| ||   "sensor-AvgMax" = <00000000>
|| ||   "sensor-offset-status" = <0812ef0000000000>
|| ||   "sensor-offset-readSum" = <0c12ef0000000000>
|| ||   "reg-64-bit" = <00000000>
|| ||   "sensor-accuracy" = <02000000>
|| ||   "sensor-offset-CTL1-clr" = <6013ef0000000000>
|| ||   "sensor-offset-CTL1-set" = <5c13ef0000000000>
|| ||   "name" = <6d747274656d7073656e736f72313400>
|| ||   "sensor-offset-readBK" = <0042ef0000000000>
|| ||   "sensor-offset-alarm0" = <1412ef0000000000>
|| ||   "sensor-offset-readCnt" = <1012ef0000000000>
|| ||   "compatible" = <74656d7073656e736f722c743830323000>
|| ||   "sensor-offset-alarm1" = <1812ef0000000000>
|| ||   "sensor-offset-alarm2" = <1c12ef0000000000>
|| ||   "sensor-offset-readBK1" = <0442ef0000000000>
|| ||   "sensor-offset-alarm3" = <2012ef0000000000>
|| ||   "sensor-offset-CTL2-set" = <6413ef0000000000>
|| ||   "device_type" = <74656d7073656e736f7200>
|| ||   "sensor-offset-CTL2-clr" = <6813ef0000000000>
|| ||   "sensor-offset-CTL0-set" = <0012ef0000000000>
|| ||   "disable-aets-fastdie" = <01000000>
|| || }
|| ||
|| | +-o AppleT8015TempSensor  <class AppleT8015TempSensor, id 0x10000038d, registered, matched, active, busy 0
(207 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AppleT8015TempSensor"
|| | |   "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | |   "IOProviderClass" = "AppleARMIODevice"
|| | |   "IOPlatformActiveAction" = 0x3b6
|| | |   "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | |   "IOPlatformQuiesceAction" = 0xfa
|| | |   "IOProbeScore" = 0x0
|| | |   "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
|| | |   "IOResourceMatch" = "IOKit"
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | |   "IOFunctionParent0000010C" = <>
|| | |   "IONameMatched" = "tempsensor,t8020"
|| | |   "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | |   "location-name" = <70414343204d54522054656d702053656e736f723700>
|| | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | |   "DeviceOpenedByEventSystem" = Yes
|| | |   "QueueSize" = 0x0
|| | | }
|| | |
|| | +-o AppleMobsiTmpSADC  <class AppleMobsiTmpSADC, id 0x100000392, registered, matched, active, busy 0
(206 ms), retain 8>
|| | | {
|| | |   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | |   "VendorID" = 0x0
|| | |   "CountryCode" = 0x0
|| | |   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | |   "Product" = "pACC MTR Temp Sensor7"
|| | |   "VersionNumber" = 0x0
|| | |   "IOGeneralInterest" = "IOCommand is not serializable"
|| | |   "PrimaryUsage" = 0x5
|| | |   "LocationID" = 0x54703769
|| | |   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"NotificationCenterG$
|| | |   "ProductID" = 0x0
|| | |   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | |   "Built-In" = Yes
|| | |   "ReportInterval" = 0x0
```

```
|| |   |   "HIDServiceSupport" = Yes
|| |   |   "PrimaryUsagePage" = 0xff00
|| |   |   "VendorIDSource" = 0x0
|| |   | }
|| |   |
|| |   +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b57, !registered, !matched,
active, busy 0, retain 6>
|| |       {
|| |         "IOUserClientDefaultLockingSetProperties" = Yes
|| |         "IOUserClientDefaultLocking" = Yes
|| |         "IOUserClientCreator" = "pid 385, WindowServer"
|| |         "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |         "IOUserClientEntitlements" = No
|| |         "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
|| |       }
|| |
|| +-o mtrtempsensor15@11000000  <class AppleARMIODevice, id 0x1000002f8, registered, matched, active, busy 0
(322 ms), retain 8>
|| || {
|| ||   "reg" = <000000110000000000000000100000000>
|| ||   "location-id" = <69387054>
|| ||   "sensor-offset-CTL0-clr" = <0414ef0000000000>
|| ||   "AAPL,phandle" = <0d010000>
|| ||   "IODeviceMemory" = (({"address"=0x211000000,"length"=0x1000000}))
|| ||   "alarm1-temp" = <00000000>
|| ||   "invokes-sochot" = <01000000>
|| ||   "location-name" = <70414343204d54522054656d702053656e736f723800>
|| ||   "alarm0-temp" = <00000000>
|| ||   "sensor-AvgMax" = <00000000>
|| ||   "sensor-offset-status" = <0814ef0000000000>
|| ||   "sensor-offset-readSum" = <0c14ef0000000000>
|| ||   "reg-64-bit" = <00000000>
|| ||   "sensor-accuracy" = <02000000>
|| ||   "sensor-offset-CTL1-clr" = <6015ef0000000000>
|| ||   "sensor-offset-CTL1-set" = <5c15ef0000000000>
|| ||   "name" = <6d747274656d7073656e736f72313500>
|| ||   "sensor-offset-readBK" = <0044ef0000000000>
|| ||   "sensor-offset-alarm0" = <1414ef0000000000>
|| ||   "sensor-offset-readCnt" = <1014ef0000000000>
|| ||   "compatible" = <74656d7073656e736f722c743830323000>
|| ||   "sensor-offset-alarm1" = <1814ef0000000000>
|| ||   "sensor-offset-alarm2" = <1c14ef0000000000>
|| ||   "sensor-offset-readBK1" = <0444ef0000000000>
|| ||   "sensor-offset-alarm3" = <2014ef0000000000>
|| ||   "sensor-offset-CTL2-set" = <6415ef0000000000>
|| ||   "device_type" = <74656d7073656e736f7200>
|| ||   "sensor-offset-CTL2-clr" = <6815ef0000000000>
|| ||   "sensor-offset-CTL0-set" = <0014ef0000000000>
|| ||   "disable-aets-fastdie" = <01000000>
|| || }
|| ||
|| | +-o AppleT8015TempSensor  <class AppleT8015TempSensor, id 0x100000359, registered, matched, active, busy 0
(178 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AppleT8015TempSensor"
|| | |   "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | |   "IOProviderClass" = "AppleARMIODevice"
|| | |   "IOPlatformActiveAction" = 0x3b6
|| | |   "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | |   "IOPlatformQuiesceAction" = 0xfa
|| | |   "IOProbeScore" = 0x0
|| | |   "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
|| | |   "IOResourceMatch" = "IOKit"
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | |   "IOFunctionParent0000010D" = <>
|| | |   "IONameMatched" = "tempsensor,t8020"
|| | |   "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | |   "location-name" = <70414343204d54522054656d702053656e736f723800>
|| | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | |   "DeviceOpenedByEventSystem" = Yes
|| | |   "QueueSize" = 0x0
|| | | }
|| | |
|| | +-o AppleMobsiTmpSADC  <class AppleMobsiTmpSADC, id 0x10000035a, registered, matched, active, busy 0
(178 ms), retain 8>
|| | | {
|| | |   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | |   "VendorID" = 0x0
|| | |   "CountryCode" = 0x0
|| | |   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | |   "Product" = "pACC MTR Temp Sensor8"
|| | |   "VersionNumber" = 0x0
|| | |   "IOGeneralInterest" = "IOCommand is not serializable"
|| | |   "PrimaryUsage" = 0x5
|| | |   "LocationID" = 0x54703869
|| | |   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
```

,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"={"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HIDPointerAcceleration"=0xb000,"NotificationCenterG$
          || | | "ProductID" = 0x0
          || | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
          || | | "Built-In" = Yes
          || | | "ReportInterval" = 0x0
          || | | "HIDServiceSupport" = Yes
          || | | "PrimaryUsagePage" = 0xff00
          || | | "VendorIDSource" = 0x0
          || | | }
          || | |
          || | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b5a, !registered, !matched, active, busy 0, retain 6>
          || | {
          || | "IOUserClientDefaultLockingSetProperties" = Yes
          || | "IOUserClientDefaultLocking" = Yes
          || | "IOUserClientCreator" = "pid 385, WindowServer"
          || | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
          || | "IOUserClientEntitlements" = No
          || | "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
          || | }
          || |
          || +-o mtrtempsensor16@11000000 <class AppleARMIODevice, id 0x1000002f9, registered, matched, active, busy 0 (290 ms), retain 8>
          || || {
          || || "reg" = <00000011000000000000000100000000>
          || || "location-id" = <69397054>
          || || "sensor-offset-CTL0-clr" = <0416ef0000000000>
          || || "AAPL,phandle" = <0e010000>
          || || "IODeviceMemory" = (({"address"=0x211000000,"length"=0x1000000}))
          || || "alarm1-temp" = <00000000>
          || || "invokes-sochot" = <01000000>
          || || "location-name" = <70414343204d54522054656d702053656e736f723900>
          || || "alarm0-temp" = <00000000>
          || || "sensor-AvgMax" = <00000000>
          || || "sensor-offset-status" = <0816ef0000000000>
          || || "sensor-offset-readSum" = <0c16ef0000000000>
          || || "reg-64-bit" = <00000000>
          || || "sensor-accuracy" = <02000000>
          || || "sensor-offset-CTL1-clr" = <6017ef0000000000>
          || || "sensor-offset-CTL1-set" = <5c17ef0000000000>
          || || "name" = <6d747274656d7073656e736f72313600>
          || || "sensor-offset-readBK" = <0046ef0000000000>
          || || "sensor-offset-alarm0" = <1416ef0000000000>
          || || "sensor-offset-readCnt" = <1016ef0000000000>
          || || "compatible" = <74656d7073656e736f722c743830323000>
          || || "sensor-offset-alarm1" = <1816ef0000000000>
          || || "sensor-offset-alarm2" = <1c16ef0000000000>
          || || "sensor-offset-readBK1" = <0446ef0000000000>
          || || "sensor-offset-alarm3" = <2016ef0000000000>
          || || "sensor-offset-CTL2-set" = <6417ef0000000000>
          || || "device_type" = <74656d7073656e736f7200>
          || || "sensor-offset-CTL2-clr" = <6817ef0000000000>
          || || "sensor-offset-CTL0-set" = <0016ef0000000000>
          || || "disable-aets-fastdie" = <01000000>
          || || }
          || ||
          || |+-o AppleT8015TempSensor <class AppleT8015TempSensor, id 0x100000336, registered, matched, active, busy 0 (185 ms), retain 8>
          || | | {
          || | | "IOClass" = "AppleT8015TempSensor"
          || | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
          || | | "IOProviderClass" = "AppleARMIODevice"
          || | | "IOPlatformActiveAction" = 0x3b6
          || | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
          || | | "IOPlatformQuiesceAction" = 0xfa
          || | | "IOProbeScore" = 0x0
          || | | "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
          || | | "IOResourceMatch" = "IOKit"
          || | | "IOMatchedAtBoot" = Yes
          || | | "IOMatchCategory" = "IODefaultMatchCategory"
          || | | "IONameMatched" = "tempsensor,t8020"
          || | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
          || | | "location-name" = <70414343204d54522054656d702053656e736f723900>
          || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
          || | | "IOFunctionParent0000010E" = <>
          || | | "DeviceOpenedByEventSystem" = Yes
          || | | "QueueSize" = 0x0
          || | | }
          || | |
          || | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x100000337, registered, matched, active, busy 0 (185 ms), retain 8>
          || | | {
          || | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
          || | | "VendorID" = 0x0
          || | | "CountryCode" = 0x0

```
|| |   |   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |   |   "Product" = "pACC MTR Temp Sensor9"
|| |   |   "VersionNumber" = 0x0
|| |   |   "IOGeneralInterest" = "IOCommand is not serializable"
|| |   |   "PrimaryUsage" = 0x5
|| |   |   "LocationID" = 0x54703969
|| |   |   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"NotificationCenterG$
|| |   |   "ProductID" = 0x0
|| |   |   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| |   |   "Built-In" = Yes
|| |   |   "ReportInterval" = 0x0
|| |   |   "HIDServiceSupport" = Yes
|| |   |   "PrimaryUsagePage" = 0xff00
|| |   |   "VendorIDSource" = 0x0
|| |   | }
|| |   |
|| |   +-o IOHIDEventServiceUserClient  <class IOHIDEventServiceUserClient, id 0x100000b5b, !registered, !matched,
active, busy 0, retain 6>
|| |       {
|| |         "IOUserClientDefaultLockingSetProperties" = Yes
|| |         "IOUserClientDefaultLocking" = Yes
|| |         "IOUserClientCreator" = "pid 385, WindowServer"
|| |         "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| |         "IOUserClientEntitlements" = No
|| |         "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
|| |       }
|| |
|| +-o mtrtempsensor17@3B2E0000  <class AppleARMIODevice, id 0x1000002fa, registered, matched, active, busy 0
(282 ms), retain 8>
|| || {
|| ||   "sensor-accuracy" = <02000000>
|| ||   "compatible" = <6d747274656d7073656e736f722c743830323000>
|| ||   "reg-64-bit" = <00000000>
|| ||   "AAPL,phandle" = <0f010000>
|| ||   "sensor-offset-readBK1" = <0402000000000000>
|| ||   "reg" = <00002e3b0000000000080000000000000>
|| ||   "sensor-offset-readBK" = <0002000000000000>
|| ||   "IODeviceMemory" = (({"address"=0x23b2e0000,"length"=0x8000}))
|| ||   "device_type" = <74656d7073656e736f7200>
|| ||   "location-name" = <475055204d54522054656d702053656e736f723100>
|| ||   "sensor-AvgMax" = <00000000>
|| ||   "location-id" = <69316754>
|| ||   "name" = <6d747274656d7073656e736f72313700>
|| || }
|| ||
|| | +-o AppleT8020MTRTempSensor  <class AppleT8020MTRTempSensor, id 0x100000330, registered, matched,
active, busy 0 (185 ms), retain 7>
|| |  | {
|| |  |   "IOClass" = "AppleT8020MTRTempSensor"
|| |  |   "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| |  |   "IOProviderClass" = "AppleARMIODevice"
|| |  |   "IOPlatformActiveAction" = 0x3b6
|| |  |   "IOPlatformQuiesceAction" = 0xfa
|| |  |   "IOProbeScore" = 0x0
|| |  |   "IONameMatch" = ("mtrtempsensor,t8020")
|| |  |   "IOResourceMatch" = "IOKit"
|| |  |   "IOMatchedAtBoot" = Yes
|| |  |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |  |   "IONameMatched" = "mtrtempsensor,t8020"
|| |  |   "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| |  |   "location-name" = <475055204d54522054656d702053656e736f723100>
|| |  |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| |  |   "DeviceOpenedByEventSystem" = Yes
|| |  |   "QueueSize" = 0x0
|| |  | }
|| |  |
|| |  +-o AppleMobsiTmpSADC  <class AppleMobsiTmpSADC, id 0x100000331, registered, matched, active, busy 0
(184 ms), retain 8>
|| |  | {
|| |  |   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| |  |   "VendorID" = 0x0
|| |  |   "CountryCode" = 0x0
|| |  |   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| |  |   "Product" = "GPU MTR Temp Sensor1"
|| |  |   "VersionNumber" = 0x0
|| |  |   "IOGeneralInterest" = "IOCommand is not serializable"
|| |  |   "PrimaryUsage" = 0x5
|| |  |   "LocationID" = 0x54673169
|| |  |   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
```

DPointerAcceleration"=0xb000,"NotificationCenterG$
    || | | "ProductID" = 0x0
    || | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    || | | "Built-In" = Yes
    || | | "ReportInterval" = 0x0
    || | | "HIDServiceSupport" = Yes
    || | | "PrimaryUsagePage" = 0xff00
    || | | "VendorIDSource" = 0x0
    || | |}
    || | |
    || | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b5c, !registered, !matched,
active, busy 0, retain 6>
    || | {
    || | "IOUserClientDefaultLockingSetProperties" = Yes
    || | "IOUserClientDefaultLocking" = Yes
    || | "IOUserClientCreator" = "pid 385, WindowServer"
    || | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || | "IOUserClientEntitlements" = No
    || | "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
    || | }
    || |
    || | +-o mtrtempsensor18@3B2E0000 <class AppleARMIODevice, id 0x1000002fb, registered, matched, active, busy 0
(281 ms), retain 8>
    || ||{
    || || "sensor-accuracy" = <02000000>
    || || "compatible" = <6d747274656d7073656e736f722c743830323000>
    || || "reg-64-bit" = <00000000>
    || || "AAPL,phandle" = <10010000>
    || || "sensor-offset-readBK1" = <040c000000000000>
    || || "reg" = <00002e3b0000000000080000000000000>
    || || "sensor-offset-readBK" = <000c000000000000>
    || || "IODeviceMemory" = (({"address"=0x23b2e0000,"length"=0x8000}))
    || || "device_type" = <74656d7073656e736f7200>
    || || "location-name" = <475055204d54522054656d702053656e736f723400>
    || || "sensor-AvgMax" = <00000000>
    || || "location-id" = <69346754>
    || || "name" = <6d747274656d7073656e736f72313800>
    || ||}
    || ||
    || |+-o AppleT8020MTRTempSensor <class AppleT8020MTRTempSensor, id 0x10000032d, registered, matched,
active, busy 0 (185 ms), retain 7>
    || | |{
    || | | "IOClass" = "AppleT8020MTRTempSensor"
    || | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
    || | | "IOProviderClass" = "AppleARMIODevice"
    || | | "IOPlatformActiveAction" = 0x3b6
    || | | "IOPlatformQuiesceAction" = 0xfa
    || | | "IOProbeScore" = 0x0
    || | | "IONameMatch" = ("mtrtempsensor,t8020")
    || | | "IOResourceMatch" = "IOKit"
    || | | "IOMatchedAtBoot" = Yes
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "IONameMatched" = "mtrtempsensor,t8020"
    || | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
    || | | "location-name" = <475055204d54522054656d702053656e736f723400>
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
    || | | "DeviceOpenedByEventSystem" = Yes
    || | | "QueueSize" = 0x0
    || | |}
    || | |
    || | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x10000032e, registered, matched, active, busy 0
(184 ms), retain 8>
    || | |{
    || | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
    || | | "VendorID" = 0x0
    || | | "CountryCode" = 0x0
    || | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || | | "Product" = "GPU MTR Temp Sensor4"
    || | | "VersionNumber" = 0x0
    || | | "IOGeneralInterest" = "IOCommand is not serializable"
    || | | "PrimaryUsage" = 0x5
    || | | "LocationID" = 0x54673469
    || | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"NotificationCenterG$
    || | | "ProductID" = 0x0
    || | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    || | | "Built-In" = Yes
    || | | "ReportInterval" = 0x0
    || | | "HIDServiceSupport" = Yes
    || | | "PrimaryUsagePage" = 0xff00
    || | | "VendorIDSource" = 0x0
    || | |}
    || | |
    || | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b5d, !registered, !matched,

```
active, busy 0, retain 6>
    || |      {
    || |        "IOUserClientDefaultLockingSetProperties" = Yes
    || |        "IOUserClientDefaultLocking" = Yes
    || |        "IOUserClientCreator" = "pid 385, WindowServer"
    || |        "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
    || |        "IOUserClientEntitlements" = No
    || |        "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
    || |      }
    || |
    || +-o smctempsensor0  <class AppleARMIODevice, id 0x1000002fc, registered, matched, active, busy 0 (373 ms),
retain 8>
    || ||{
    || ||   "sensor" =
<6d54504c5465337a5473357a5461317a5470327a5470337a5470347a5470357a5470377a5470387a5470397a7447414d
>
    || ||   "compatible" = <736d632d74656d7073656e736f7200>
    || ||   "gpu-temperature-offset-value" = <e4020000da020000>
    || ||   "name" = <736d6374656d7073656e736f7200>
    || ||   "device_type" = <736d6374656d7073656e736f7200>
    || ||   "readGPUDieTemp" = <01000000>
    || ||   "gpu-maxTemperature-offset-value" = <60040000>
    || ||   "timerInterval" = <e8030000>
    || ||   "AAPL,phandle" = <11010000>
    || ||}
    || ||
    || |+-o AppleSMCSensorDispatcher  <class AppleSMCSensorDispatcher, id 0x100000324, registered, matched, active,
busy 0 (49 ms), retain 6>
    || | |{
    || | |   "IOClass" = "AppleSMCSensorDispatcher"
    || | |   "CFBundleIdentifier" = "com.apple.driver.AppleSMC"
    || | |   "IOProviderClass" = "AppleARMIODevice"
    || | |   "IOUserClientClass" = "AppleSMCSensorDispatcherUserClient"
    || | |   "IOProbeScore" = 0x0
    || | |   "IONameMatch" = ("smc-tempsensor")
    || | |   "IOResourceMatch" = "IOKit"
    || | |   "IOMatchedAtBoot" = Yes
    || | |   "IOMatchCategory" = "IODefaultMatchCategory"
    || | |   "IONameMatched" = "smc-tempsensor"
    || | |   "IOPersonalityPublisher" = "com.apple.driver.AppleSMC"
    || | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleSMC"
    || | |   "QueueSize" = 0x0
    || | |}
    || | |
    || | +-o AppleSMCSensorDispatcherUserClient  <class AppleSMCSensorDispatcherUserClient, id 0x100000aa4, !
registered, !matched, active, busy 0, retain 5>
    || |     {
    || |        "IOUserClientCreator" = "pid 352, thermalmonitord"
    || |        "IOUserClientDefaultLocking" = Yes
    || |     }
    || |
    || +-o cpu-debug-interface  <class AppleARMIODevice, id 0x1000002fd, registered, matched, active, busy 0 (88 ms),
retain 8>
    || ||{
    || ||   "aft-control-list" = <0040140002000000>
    || ||   "AAPL,phandle" = <12010000>
    || ||   "aft-instance-list" = <00401400020000004146540000000000000000000000000000>
    || ||   "enable_trace" =
<0000e910000000000801000000000000600003000000040000000800000000d800030000000400000008200000000fffffffff0000000000000000000000000e9110000000008010000000000000600007040000000400000008000000000d800070400000040000000820000000fffffffff000000000000000000000000000005100000000008900000000000008000000000040050000000000080000000000000400b0010020000000fffffffff000000000000000000000000000151000000008900000000000000080001010000004005000000000000008000101000000400b0010020000000fffffffff0000000000000000000000000000$
    || ||   "trace_halt" =
<0000e510000000006003000000000000b000030000000400000000f000000fffffffff0000000000000000000000000000e5110000000006003000000000000b00007040000004000000000f000000>
    || ||   "enable_stop_clocks" =
<0000283d000000000010000000000000058000700000000c00f000000000000a8000700000000c00f000f0000000000c0000700000000c00f000f00000000000fffffffff000000000000000000000000031003d0000000014000000000000000000007000000000c00100000000000000fffffffff000000000000000000000000033383d0000000010000000000004000700000000c00100000000000000fffffffff000000000000000000000000031383d0000000094000000000009000070000000c0010000000000000fffffffff00000000000000000000000000eb10000000000982000000000000068200030000000c00100000000000$
    || ||   "device_type" = <6370752d64656275672d696e746572666163650>
    || ||   "aft-params" =
<a801703b0200000084014000200000010000000000000000000000000000000180000000000000000000600000000000010000000000000406000000000001000000000000000000000000000000000000000000000100100000000000801000000000000c010000000000000000000000080000000000000000000000000000000000000000000000000600000000000007000000000000000000000000000000000000000000000000000000000000>
    || ||   "panic-trace-mode" = <00000000>
    || ||   "cpu_halt" = <>
    || ||   "stop_clocks" =
<0000eb100000000098200000000000007020030000000c0004000000000000fffffffff00000000000000000000000000eb110000000098200000000000070200704000000c00004000000000000>
    || ||   "name" = <6370752d64656275672d696e746572666163650>
    || ||   "enable_alt_trace" =
<0000e910000000000801000000000000600003000000040000000800000000d80003000000040000000820000
```

00000ffffffff000000000000000000000000000000e911000000000801000000000000600007040000004000000080000
00000d8000704000000400000008200000000ffffffff00000000000000000000000000000051000000000008900000000
000000800000000000000400500000000000000800000000000400b0010020000000ffffffff0000000000000000000000
00000000001510000000000890000000000000008000101000000400500000000000000008000101000000400b001002
00000000ffffffff00000000000000000000000000000$

```
   ||   ||}
   ||   ||
   ||   | +-o AppleARMLightEmUp  <class AppleARMLightEmUp, id 0x100000323, !registered, !matched, active, busy 0,
retain 4>
   || |    {
   || |      "IOProbeScore" = 0x0
   || |      "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
   || |      "IOProviderClass" = "IOService"
   || |      "IOClass" = "AppleARMLightEmUp"
   || |      "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
   || |      "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
   || |      "IOMatchedAtBoot" = Yes
   || |      "IONameMatch" = "cpu-debug-interface"
   || |      "IOMatchCategory" = "IODefaultMatchCategory"
   || |      "IONameMatched" = "cpu-debug-interface"
   || |    }
   || |
   || +-o aft@144000  <class AppleARMIODevice, id 0x1000002fe, registered, matched, active, busy 0 (94 ms), retain 7>
   || |    {
   || |      "device_type" = <61667400>
   || |      "reg" = <00401400000000000040000000000000>
   || |      "IODeviceMemory" = (({"address"=0x200144000,"length"=0x4000}))
   || |      "name" = <61667400>
   || |      "AAPL,phandle" = <13010000>
   || |      "compatible" = <6166742c743831303100>
   || |    }
   || |
   || +-o timesync  <class AppleARMIODevice, id 0x1000002ff, registered, matched, active, busy 0 (140 ms), retain 7>
   || |    {
   || |      "name" = <74696d6573796e6300>
   || |      "function-perf_cycle_count" = <7e000000544e43500100000004000000008000000>
   || |      "frequency-stability-upper" = <10270000>
   || |      "local-clock" = <01000000>
   || |      "frequency-tolerance-lower" = <f0d8ffff>
   || |      "oscillator-type" = <01000000>
   || |      "frequency-stability-lower" = <f0d8ffff>
   || |      "AAPL,phandle" = <14010000>
   || |      "frequency-tolerance-upper" = <10270000>
   || |    }
   || |
   || +-o apple-processor-trace  <class AppleARMIODevice, id 0x100000300, registered, matched, active, busy 0 (92
ms), retain 7>
   ||      {
   ||        "device_type" = <6170706c652d70726f636573736f722d747261636500>
   ||        "name" = <6170706c652d70726f636573736f722d747261636500>
   ||        "AAPL,phandle" = <15010000>
   ||        "compatible" = <6170706c652d70726f636573736f722d74726163652c743831303300>
   ||      }
   ||
   | +-o buttons  <class IOPlatformDevice, id 0x10000023c, registered, matched, active, busy 0 (621 ms), retain 8>
   |||{
   |||   "compatible" = <627574746f6e7300>
   |||   "press-count-tracking" = <01000000>
   |||   "press-count-double-timeout" = <e0930400>
   |||   "HIDServiceGlobalModifiersUsage" = <02000000>
   |||   "AAPL,phandle" = <16010000>
   |||   "device_type" = <627574746f6e7300>
   |||   "button-names" = <686f6c6400>
   |||   "panic-usage" = <40000c00>
   |||   "platform-type-consumer" = <01000000>
   |||   "press-count-triple-timeout" = <c0270900>
   |||   "function-button_hold" = <9b000000526e7462444c4862>
   |||   "press-count-usage-pairs" = <30000c0040000c00>
   |||   "name" = <627574746f6e7300>
   |||   "DeviceOpenedByEventSystem" = Yes
   |||}
   |||
   || +-o AppleM68Buttons  <class AppleM68Buttons, id 0x100000275, registered, matched, active, busy 0 (194 ms),
retain 9>
   || |{
   || |   "IOMatchedAtBoot" = Yes
   || |   "PrimaryUsagePage" = 0xc
   || |   "IOUserClientClass" = "IOHIDEventServiceUserClient"
   || |   "VersionNumber" = 0x0
   || |   "PressCountTrackingEnabled" = Yes
   || |   "VendorID" = 0x0
   || |   "Built-In" = Yes
   || |   "PressCountDoublePressTimeout" = 0x493e0
   || |   "DebugState" =
{"ButtonInterruptTS(ns)"=(0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0),"DiagnosticMaskAny"=0x0,"PowerState"=0x2,"Butto
nUnfilteredMask"=0x0,"StackshotMaskOn"=No,"CoverDetached"=No,"DarkBootPending"=0x0,"ButtonPriorities"=(0x0,0x0,
0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0,0x0),"DiagnosticMaskTS"=0x0,"DiagnosticMaskOn"=No,"ShutdownDebugMode"=0x0,"Shutd
ownNVRAMSyncDelay"=0x0,"DiagnosticMaskAll"=0x0,"SydiagnoseMaxHoldDelay"=0x7d0,"ButtonStateMask"=0x0,"Button
Names"=("hold"),"StackshotMask"=0x1,"SydiagnoseMinHoldDelay"=0xfa,"ButtonDownFil$
   || |   "ButtonUsagePairs" = (0xc00000030)
```

|| | "IONameMatched" = "buttons"
|| | "IOFunctionParent00000116" = <>
|| | "PressCountTriplePressTimeout" = 0x927c0
|| | "ProductID" = 0x0
|| | "IOPersonalityPublisher" = "com.apple.driver.AppleM68Buttons"
|| | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x2,"CurrentPowerState"=0x2}
|| | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xc,"DeviceUsage"=0x1})
|| | "ReportInterval" = 0x36b0
|| | "VendorIDSource" = 0x0
|| | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HI
DPointerAcceleration"=0xb000,"NotificationCenterGesture$
|| | "CFBundleIdentifier" = "com.apple.driver.AppleM68Buttons"
|| | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | "IOProviderClass" = "IOPlatformDevice"
|| | "Priority Button" = "hold"
|| | "IONameMatch" = "buttons"
|| | "LocationID" = 0x0
|| | "IOClass" = "AppleM68Buttons"
|| | "CFBundleIdentifierKernel" = "com.apple.driver.AppleM68Buttons"
|| | "PrimaryUsage" = 0x1
|| | "CountryCode" = 0x0
|| | "Filter Delay" = 0x36b0
|| | "HIDServiceSupport" = Yes
|| | "IOMatchCategory" = "IODefaultMatchCategory"
|| | "PressCountUsagePairs" = (0xc0030,0xc0040)
|| | "IOProbeScore" = 0x0
|| | "IOGeneralInterest" = "IOCommand is not serializable"
|| |}
|| |
|| +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ad7, !registered, !matched,
active, busy 0, retain 6>
|| {
|| "IOUserClientDefaultLockingSetProperties" = Yes
|| "IOUserClientDefaultLocking" = Yes
|| "IOUserClientCreator" = "pid 385, WindowServer"
|| "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|| "IOUserClientEntitlements" = No
|| "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x800,"NotificationForce"=0x0,"NotificationCount"=0x1e,"head"=0x800},"Enque
ueEventCount"=0x20,"LastEventType"=0x3,"LastEventTime"=0x7b4740e41fe}
|| }
||
| +-o port-usb-c-1 <class IOPlatformDevice, id 0x10000023d, registered, matched, active, busy 0 (20 ms), retain 7>
|| {
|| "transports-supported" = <0100000002000000030000000400000005000000>
|| "compatible" = <646f636b2c7573622d6300>
|| "name" = <706f72742d7573622d632d3100>
|| "primary-port-id" = <01000000>
|| "port-number" = <01000000>
|| "device_type" = <706f72742d636f6d706f6e656e742d7573622d6300>
|| "AAPL,phandle" = <17010000>
|| "port-type" = <02000000>
|| }
||
| +-o port-usb-c-2 <class IOPlatformDevice, id 0x10000023e, registered, matched, active, busy 0 (24 ms), retain 7>
|| {
|| "transports-supported" = <0100000002000000030000000400000005000000>
|| "compatible" = <646f636b2c7573622d6300>
|| "name" = <706f72742d7573622d632d3200>
|| "primary-port-id" = <02010000>
|| "port-number" = <02000000>
|| "device_type" = <706f72742d636f6d706f6e656e742d7573622d6300>
|| "AAPL,phandle" = <18010000>
|| "port-type" = <02000000>
|| }
||
| +-o backlight <class IOPlatformDevice, id 0x10000023f, registered, matched, active, busy 0 (372 ms), retain 7>
||| {
||| "mA2Nits2ndOrderCoef" = <f1ffffff>
||| "milliAmps2DACTablePart2" =
<8f059d05ab05b805c505d105dd05e805f305fe05080612061c0625062e063706400648065006580660066806770
067e0685068c0693069906a006a606ac06b206b806be06c406ca06cf06d506da06df06e506ea06ef06f406f906fe0602
0707070c071007150719071e07220726072a072f07330737073b073f07430747074a074e075207560759075d07600764076
8076b076e077207750778077c077f078207850789078c078f079207950798079b079e07a107a407a707aa07ac07af07b207
b507b807ba07bd07c007c207c507c807ca07cd07cf07d207d407d707d907dc07de07e107e307e507e807ea07ec07ef07f107f
307f607f807fa07fc07$
||| "min-restriction-disableth" = <2c010000>
||| "nits2mAmps1stOrderCoef" = <94470d00>
||| "pre-strobe-dim-period" = <64000000>
||| "truetone-shift-a" = <0080fbff>
||| "LmaxProduct" = <0000a401>
||| "LmidProduct" = <00008c00>
||| "truetone-shift-b" = <9a190200>
||| "blr-cct-warning" = <ac0d0000>
||| "calibratedMidCurrent" = <30330300>

```
|||    "max-restriction-disableth2" = <b0040000>
|||    "nits2mAmps2ndOrderCoef" = <cca00000>
|||    "min-restriction-enableth" = <58020000>
|||    "calibratedMaxCurrent" = <bfcc0d00>
|||    "use-trinity" = <01000000>
|||    "LminProduct" = <00000400>
|||    "nits2mAmps0thOrderCoef" = <dd040000>
|||    "max-restriction-disableth" = <20030000>
|||    "mA2Nits0thOrderCoef" = <a5ffffff>
|||    "AAPL,phandle" = <19010000>
|||    "milliAmps2DACPart1MaxCurrent" = <00a00200>
|||    "backlight-marketing-table" =
<0000000000000400e1fa050066a60800703d0c007a1411005c8f1700c2352000c2b52b0014ee3a008f024f0066666900
00008c003333b900291cf400a4b040010000a401>
|||    "milliAmps2DACPart2MaxCurrent" = <00801100>
|||    "milliAmps2DACTablePart1" =
<00000000000000000038008100bd00f0001c01430165018501a101bc01d401eb0100021402270238024902590269027702
85029302a002ac02b802c402cf02d902e402ee02f80201030b0314031c0325032d0335033d0345034d0354035b0362
036903700377037d0384038a03900396039c03a203a703ad03b303b803bd03c303c803cd03d203d703dc03e103e503
ea03ef03f303f803fc030004050409040d041104150419041d042104250429042d043104340438043c043f0443044604
4a044d045104540457045b045e046104640468046b046e047104740477047a047d0480048304860489048b048e048e0491
049404970499049c049f04a104a404a704$
|||    "name" = <6261636b6c6967687400>
|||    "backlight-update-policy" = <01000000>
|||    "iDAC2MilliAmpsTable" =
<85000000088000008b0000008f00000092000000960000009900000009d000000a1000000a5000000a9000000ad00
0000b2000000b6000000bb000000bf000000c4000000c9000000ce000000d3000000d8000000dd000000e3000000e
8000000ee000000f4000000fa0000000001000006010000d010000130100001a0100002101000028010000300100003
70100003f010000470100004f010000570100005f01000068010000710100007a010000830100008d01000097010000a10
10000ab010000b5010000c0010000cb010000d7010000e2010000ee010000fa010000070200001402000021020000026e02
00003c0200004a0200005802000067020000$
|||    "max-restriction-factor" = <41030000>
|||    "device_type" = <6261636b6c6967687400>
|||    "use-AAB-architecture" = <01000000>
|||    "min-restriction-factor" = <d0070000>
|||    "max-restriction-enableth" = <2c010000>
|||    "max-restriction-factor-aaboff" = <41030000>
|||    "use-cabal" = <01000000>
|||    "sync-backlight-off" = <01000000>
|||    "sync-wake-ramp" = <01000000>
|||    "min-restriction-factor-aaboff" = <d0070000>
|||    "default-whitepoint-type" = <01000000>
|||    "dcp-brightness-node" = <01000000>
|||    "energy-saving" = <01000000>
|||    "mA2Nits1stOrderCoef" = <40130000>
|||}
|||
|| +-o AppleARMBacklight  <class AppleARMBacklight, id 0x100000279, registered, matched, active, busy 0 (18 ms),
retain 7>
||    {
||      "IOClass" = "AppleARMBacklight"
||      "backlight-control" = Yes
||      "display-backlight-compensation" =
<00000001ffff699a0000ee000001000000010000fd07dc1e0000ef200001000000010000fa104ea20000f0600001000000
010000f42133aa0000f280001000000010000eb3a8b360000f5e0001000000010000ffdf8049000100000001000000100000>
||      "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
||      "IOMatchedAtBoot" = Yes
||      "IOReportLegendPublic" = Yes
||      "IOProviderClass" = "IOPlatformDevice"
||      "backlight-marketing-table" =
<0000000000000400e1fa050066a60800703d0c007a1411005c8f1700c2352000c2b52b0014ee3a008f024f0066666900
00008c003333b900291cf400a4b040010000a401>
||      "IOProbeScore" = 0x0
||      "IOFunctionParent00000119" = <>
||      "IONameMatch" = "backlight"
||      "CurrentNits" = 0x0
||      "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
||      "IOMatchCategory" = "IODefaultMatchCategory"
||      "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
||      "IONameMatched" = "backlight"
||      "new-backlight-architecture" = Yes
||      "IODisplayParameters" =
{"BrightnessMilliNits"={"min"=0xf9f,"value"=0x7d5f,"uncalMilliNits"=0xaabd,"max"=0x6689f},"brightness"={"min"=0x0,"m
ax"=0x10000,"value"=0x8000},"rawBrightness"={"min"=0x0,"max"=0x7ff,"value"=0x45b},"BrightnessMicroAmps"={"min"
=0x90,"max"=0x35e7,"value"=0x405}}
||      "IOGeneralInterest" = "IOCommand is not serializable"
||      "IOReportLegend" = ({"IOReportGroupName"="backlight
report","IOReportChannels"=((0x6d69652066616374,0x100020001,"MIE factor"),
(0x6470622066616374,0x100020001,"DPB
factor")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="playback backlight factors
report"},{"IOReportGroupName"="backlight
report","IOReportChannels"=((0x6d6963726f616d70,0x100040001,"MicroAmps value"),
(0x6d696c6c696e6974,0x100040001,"MilliNits value"),(0x756d696c6c69206e,0x100040001,"UncalMilliNits value"),
(0x6272696768742076,0x100040001,"U$
||      "backlight-calibration-parameters" = {"lMinPanel"=0x3ffbf,"current-for-mid-
backlight"=0x33330,"lMidProduct"=0x8c0000,"hardware-max-current-limit"=0x118000,"lMaxPanel"=0x1a3ffff,"current-
for-max-
backlight"=0xdccbf,"lMaxProduct"=0x1a40000,"milliAmps2NitsScaleFactor"=0x1a717a5,"lMidPanel"=0x643895,"lMinProd
uct"=0x40000}
```

```
    | |    }
    | |
    | +-o sacm  <class IOPlatformDevice, id 0x100000240, registered, matched, active, busy 0 (24 ms), retain 7>
    | | | {
    | | |   "compatible" = <7361636d2c3100>
    | | |   "name" = <7361636d00>
    | | |   "AAPL,phandle" = <1a010000>
    | | | }
    | | |
    | | +-o AppleARMSlowAdaptiveClockingManager  <class AppleARMSlowAdaptiveClockingManager, id 0x10000027a,
registered, matched, active, busy 0 (0 ms), retain 8>
    | |    {
    | |      "IOProbeScore" = 0x0
    | |      "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
    | |      "IOProviderClass" = "IOPlatformDevice"
    | |      "IOClass" = "AppleARMSlowAdaptiveClockingManager"
    | |      "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
    | |      "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
    | |      "IOMatchedAtBoot" = Yes
    | |      "IONameMatch" = "sacm"
    | |      "IOMatchCategory" = "IODefaultMatchCategory"
    | |      "IONameMatched" = "sacm"
    | |      "IOFunctionParent0000011A" = <>
    | |    }
    | |
    | +-o defaults  <class IOPlatformDevice, id 0x100000241, registered, matched, active, busy 0 (618 ms), retain 8>
    | | | {
    | | |   "kern.io_throttle_period_tier3" = <14000000>
    | | |   "AAPL,phandle" = <1b010000>
    | | |   "pmap-io-filters" =
<55434d4404001c0055434d4480010c0055434d449001040055434d449801080055434d44a801080055434d440004
040055434d440804080055434d440805040055434d441005040055434d448005d40055434d442007380055434d44
a007440055434d440009080055434d44000a080055434d440c0a480055434d44000b480055434d444c0b28005543
4d44840b4c0055434d44040c4c0055434d44840c4c0055434d44040d4c0055434d44bc0d040055434d44c40d0400
>
    | | |   "no-effaceable-storage" = <>
    | | |   "nvme-iboot-sptm-security" = <>
    | | |   "l2-ecc-correctable-panic" = <01000000>
    | | |   "content-protect" = <>
    | | |   "ean-storage-present" = <>
    | | |   "pmap-max-asids" = <00400000>
    | | |   "kern.thread_group_extra_bytes" = <40000000>
    | | |   "cpx-encryption-mode" = <02000000>
    | | |   "name" = <64656661756c747300>
    | | |   "trm-profile" = <02000000>
    | | |   "kern.io_throttle_window_tier3" = <64000000>
    | | |   "data-journaling" = <>
    | | |   "aes-service-publish-timeout" = <78000000>
    | | |   "serial-device" = <a0000000>
    | | |   "dual-spi-nand" = <01000000>
    | | |   "usb-storage-workaround" = <01000000>
    | | |   "trm-enabled" = <01000000>
    | | |   "entangle-nonce" = <>
    | | |   "pmap-io-ranges" =
<000000000400000000000080000000000270000806549435000000080040000000000080000000000270000806540
94350000000080050000000000080000000000270000806549435000000006000000000000080000000000270008
065494350000000a0060000000002000000000270000806549435000000000c0060000000000400000000002700
008065494350000000000700000000000000010000000070000806549435000002c4102000000004000000000000
074000000545241440040003502000000004000000000000074000005452414400080804a020000000004000000000
000074000000545241440c0804a020000000004000000000000007400$
    | | |   "kern.vm_compressor" = <04000000>
    | | |   "panic-reset-type" = <02000000>
    | | | }
    | | |
    | | +-o AppleImage4  <class AppleImage4, id 0x100000277, registered, matched, active, busy 0 (0 ms), retain 5>
    | | | {
    | | |   "IOProbeScore" = 0x0
    | | |   "CFBundleIdentifier" = "com.apple.security.AppleImage4"
    | | |   "IOMatchCategory" = "AppleImage4"
    | | |   "IOClass" = "AppleImage4"
    | | |   "IOPersonalityPublisher" = "com.apple.security.AppleImage4"
    | | |   "IOProviderClass" = "IOPlatformDevice"
    | | |   "CFBundleIdentifierKernel" = "com.apple.security.AppleImage4"
    | | |   "IONameMatch" = "defaults"
    | | |   "IOUserClientClass" = "AppleImage4UserClient"
    | | |   "IONameMatched" = "defaults"
    | | |   "IOMatchedAtBoot" = Yes
    | | | }
    | | |
    | | +-o AppleMobileApNonce  <class AppleMobileApNonce, id 0x100000278, registered, matched, active, busy 0 (0 ms),
retain 5>
    | |    {
    | |      "IOProbeScore" = 0x0
    | |      "CFBundleIdentifier" = "com.apple.driver.AppleMobileApNonce"
    | |      "IOProviderClass" = "IOPlatformDevice"
    | |      "IOClass" = "AppleMobileApNonce"
    | |      "IOPersonalityPublisher" = "com.apple.driver.AppleMobileApNonce"
    | |      "CFBundleIdentifierKernel" = "com.apple.driver.AppleMobileApNonce"
    | |      "IOMatchedAtBoot" = Yes
    | |      "IONameMatch" = "defaults"
```

    || "IOMatchCategory" = "IODefaultMatchCategory"
    || "IONameMatched" = "defaults"
    || "IOUserClientClass" = "AppleMobileApNonceUserClient"
    || }
    ||
    | +-o product <class IOPlatformDevice, id 0x100000242, registered, matched, active, busy 0 (16 ms), retain 14>
    || {
    || "sandman-support" = <01000000>
    || "display-mirroring" = <01000000>
    || "upgradeable-memory" = <00000000>
    || "wifi-chipset" = <3433373800>
    || "lockdown-certtype" = <01000000>
    || "product-name" = <4d6163426f6f6b2041697220284d312c20323032302900>
    || "RF-exposure-separation-distance" = <05000000>
    || "mobiledevice-min-ver" = <3137373400>
    || "product-id" = <81b52ce78cce91fa6ce17ca079a19cc2a0792bc7>
    || "raw-panel-serial-number" =
<474d4731353231303337584e523839414d2b303030303030303030304434313643322b50524f442b59303030303030303030
3030303030302b30303030303030303030303030303030303030303030303030303030302b503032324d313130385053333131
313030342b36373538424b48343665543030323134325454444359594b313144303741383532536312b5336383836383836385
24735533636383836383852473553363838363838524735533636383836383852>
    || "product-description" = <4d6163426f6f6b2041697220284d312c20323032302900>
    || "product-soc-name" = <4170706c65204d3100>
    || "allow-32bit-apps" = <01000000>
    || "coverglass-serial-number" = <474d4731353231303337584e523839414d>
    || "builtin-mics" = <03000000>
    || "exclaves-enabled" = <00000000>
    || "display-backlight-compensation" =
<0000000300000000000ee0000010000000100010000000000ef2000010000000100020000000000f0600000100
00001000040000000000f28000010000000100070000000000f5e00001000000010000a00000000000f94000010
00000010000ffff000000010000000100000010000>
    || "has-boot-chime" = <01000000>
    || "compatible-device-fallback" = <69506164382c3600>
    || "external-hdr" = <>
    || "device-perf-memory-class" = <10000000>
    || "dual-iboot-support" = <01000000>
    || "artwork-scale-factor" = <02000000>
    || "has-exclaves" = <00000000>
    || "public-key-accelerator" = <01000000>
    || "tcon-path" = <61726d2d696f2f737069342f647038353500>
    || "name" = <70726f6475637400>
    || "artwork-device-idiom" = <6d616300>
    || "has-virtualization" = <01000000>
    || "AAPL,phandle" = <1c010000>
    || "graphics-featureset-class" = <4150504c453700>
    || "compatible-app-variant" = <4d616346616d696c7932302c3100>
    || "artwork-dynamic-displaymode" = <3000>
    || "bluetooth-le" = <01000000>
    || "has-applelpm" = <00000000>
    || "framebuffer-identifier" = <3000>
    || "allow-hactivation" = <00000000>
    || "ephemeral-data-mode" = <00000000>
    || "chrome-identifier" = <3000>
    || "app-macho-architecture" = <61726d363400>
    || "atomic-firmware-update-support" = <01000000>
    || "ptp-large-files" = <01000000>
    || "udid-version" = <02000000>
    || "graphics-featureset-fallbacks" =
<4150504c45363a4150504c45353a4150504c45343a4150504c45333a4150504c453376313a4150504c45323a415050
4c45313a474c4553322c3000>
    || "ambient-light-sensor-serial-num" = <3341304531353535394533303000>
    || "artwork-display-gamut" = <503300>
    || "partition-style" = <6d61634f5300>
    || "single-stage-boot" = <01000000>
    || "builtin-battery" = <01000000>
    || "artwork-device-subtype" = <00000000>
    || "primary-calibration-matrix" =
<0100000005410101cba701002f17fdff44f8ffffc7b2f900f45406003c29ffffaab701001a1fff00>
    || "usb-c-smc-pwr" = <>
    || "os-min-ver" = <32302e302e302e302e302c3000>
    || }
    ||
    | +-o iboot-syscfg <class IOPlatformDevice, id 0x100000243, registered, matched, active, busy 0 (15 ms), retain 7>
    || {
    || "name" = <69626f6f742d73797363666700>
    || "AAPL,phandle" = <1f010000>
    || }
    ||
    | +-o filesystems-props <class IOPlatformDevice, id 0x100000244, registered, matched, active, busy 0 (15 ms), retain
6>
    || {
    || "name" = <66696c6573797374656d732d70726f707300>
    || "isc_size" = <0000401f>
    || "AAPL,phandle" = <21010000>
    || }
    ||
    | +-o APCIECMSIController-apciec0 <class APCIECMSIController, id 0x100000390, registered, matched, active, busy 0
(65 ms), retain 7>
    || {
    || "MSIFree" = 0x20

```
||    "Vector Count" = 0x20
||    "InterruptControllerName" = "APCIECMSIController-apciec0"
|| }
||
| +-o ApplePCIECLegacyIntController-apciec0  <class ApplePCIECLegacyIntController, id 0x100000391, registered,
matched, active, busy 0 (23 ms), retain 7>
|| {
||    "InterruptControllerName" = "ApplePCIECLegacyIntController-apciec0"
|| }
||
| +-o APCIECMSIController-apciec1  <class APCIECMSIController, id 0x100000398, registered, matched, active, busy 0
(62 ms), retain 7>
|| {
||    "MSIFree" = 0x20
||    "Vector Count" = 0x20
||    "InterruptControllerName" = "APCIECMSIController-apciec1"
|| }
||
| +-o ApplePCIECLegacyIntController-apciec1  <class ApplePCIECLegacyIntController, id 0x10000039a, registered,
matched, active, busy 0 (64 ms), retain 7>
|| {
||    "InterruptControllerName" = "ApplePCIECLegacyIntController-apciec1"
|| }
||
| +-o ApplePCIEMSIController-apcie  <class ApplePCIEMSIController, id 0x10000039b, registered, matched, active, busy
0 (20 ms), retain 7>
|   {
|    "MSIFree" = 0x20
|    "Vector Count" = 0x20
|    "InterruptControllerName" = "ApplePCIEMSIController-apcie"
|   }
|
+-o IOResources  <class IOResources, id 0x100000227, registered, matched, active, busy 0 (27736 ms), retain 59>
|| {
||   "KeyboardBacklight" = Yes
||   "IOPMU" = "AppleDialogSPMIPMU is not serializable"
||   "CoreAnalyticsMessenger" = "IOService"
||   "CCDataStream" = "IOService"
||   "OSKextReceiptQueried" = Yes
||   "IOBSD" = "IOService"
||   "IOResourceMatched" =
("IOKit","IOPlatformUUID","AKSFileSystemKeyServices","AKSKernelServices","AKSFileVaultServices","IOResourceMatched",
"CCPipe","IOTimeSyncTime","AppleARMCPU-BootCPU-Initialized","AppleARMCPU-AllCPU-
Initialized","IOAllCPUInitialized","IOPMU","SEP","IORTC","com.apple.AppleFSCompression.Type1","IOBSD","com.apple.Appl
eFSCompression.Type5","com.apple.AppleFSCompression.Type3","com.apple.AppleFSCompression.Type4","com.apple.Ap
pleFSCompression.Type7","com.apple.AppleFSCompression.Type8","com.apple.AppleFSCompression.Type$
||   "AppleSMCEmbeddedResource" = "AppleSMCKeysEndpoint is not serializable"
||   "IONVRAM" = "IOService"
||   "com.apple.AppleFSCompression.Type10" = Yes
||   "IOAVBLocalClock" = "IOService"
||   "IOAVBNub" = "IOService"
||   "com.apple.AppleFSCompression.Type1" = Yes
||   "IOTimeSyncTime" = "IOService"
||   "com.apple.AppleFSCompression.Type11" = Yes
||   "IORTC" = "AppleDialogSPMIPMURTC is not serializable"
||   "IOTimeSyncDaemonService" = "IOService"
||   "com.apple.AppleFSCompression.Type3" = Yes
||   "AKSFileSystemKeyServices" = "AppleKeyStore is not serializable"
||   "com.apple.AppleFSCompression.Type12" = Yes
||   "boot-uuid-media" = "AppleAPFSVolume is not serializable"
||   "com.apple.AppleDiskImageController.load" = Yes
||   "com.apple.AppleFSCompression.Type4" = Yes
||   "IOProgressInfo" =
<62706c6973743030d101025c736f757263654865696f687423408c200000000000080b180000000000000101000000
0000000003000000000000000000000000000000021>
||   "CCCapture" = "IOService"
||   "CCFaultReporter" = "IOService"
||   "als-lgp-version" = 0x7
||   "com.apple.AppleFSCompression.Type5" = Yes
||   "com.apple.AppleFSCompression.Type13" = Yes
||   "sepBootedOnce" = "IOService"
||   "AppleARMCPU-BootCPU-Initialized" = Yes
||   "IOAllCPUInitialized" = Yes
||   "AKSFileVaultServices" = "AppleKeyStore is not serializable"
||   "CCPipe" = "IOService"
||   "AKSKernelServices" = "AppleKeyStore is not serializable"
||   "AppleARMCPU-AllCPU-Initialized" = Yes
||   "SEP" = "IOService"
||   "com.apple.AppleFSCompression.Type7" = Yes
||   "com.apple.AppleFSCompression.Type14" = Yes
||   "CCLogStream" = "IOService"
||   "com.apple.AppleFSCompression.Type8" = Yes
||   "IOKit" = "IOService"
||   "com.apple.iokit.SCSISubsystemGlobals" = Yes
||   "IOPlatformUUID" = "7E97DBAB-AB4A-5894-BB6C-8D84F5BC693C"
||   "com.apple.AppleFSCompression.Type9" = Yes
||   "IOConsoleUsers" =
({"kCGSSessionOnConsoleKey"=Yes,"kSCSecuritySessionID"=0x186b2,"kCGSSessionSystemSafeBoot"=No,"kCGSessionL
oginDoneKey"=Yes,"kCGSSessionIDKey"=0x101,"kCGSSessionUserNameKey"="frisowempe","kCGSSessionGroupIDKey"=0
x14,"CGSSessionUniqueSessionUUID"="F13CC367-CBED-4351-AD45-
```

```
FB15B21D84F3","kCGSessionLongUserNameKey"="Friso
Wempe","kCGSessionAuditIDKey"=0x186b2,"kCGSessionLoginwindowSafeLogin"=No,"kCGSessionUserIDKey"=0x1f5})
  || "IOTimeSyncClockManager" = "IOService"
  || "IOConsoleUsersSeed" = <fb010000>
  || }
  ||
  |+-o com_apple_driver_FairPlayIOKit  <class com_apple_driver_FairPlayIOKit, id 0x100000245, registered, matched,
active, busy 0 (1 ms), retain 7>
  ||| {
  |||  "IOProbeScore" = 0x3e8
  |||  "CFBundleIdentifier" = "com.apple.driver.FairPlayIOKit"
  |||  "IOMatchCategory" = "FairPlayIOKit"
  |||  "IOClass" = "com_apple_driver_FairPlayIOKit"
  |||  "IOPersonalityPublisher" = "com.apple.driver.FairPlayIOKit"
  |||  "IOKitDebug" = 0x0
  |||  "IOProviderClass" = "IOResources"
  |||  "CFBundleIdentifierKernel" = "com.apple.driver.FairPlayIOKit"
  |||  "IOUserClientClass" = "com_apple_driver_FairPlayIOKitUserClient"
  |||  "IOMatchedAtBoot" = Yes
  |||  "IOResourceMatch" = "IOKit"
  ||| }
  |||
  || +-o com_apple_driver_FairPlayIOKitUserClient  <class com_apple_driver_FairPlayIOKitUserClient, id 0x100000d8b, !
registered, !matched, active, busy 0, retain 5>
  ||    {
  ||      "IOUserClientCreator" = "pid 849, fairplayd"
  ||      "IOUserClientDefaultLocking" = Yes
  ||    }
  ||
  |+-o AUC  <class AUC, id 0x100000246, registered, matched, active, busy 0 (1 ms), retain 5>
  ||  {
  ||    "IOProbeScore" = 0x0
  ||    "CFBundleIdentifier" = "com.apple.AUC"
  ||    "IOProviderClass" = "IOResources"
  ||    "IOClass" = "AUC"
  ||    "IOPersonalityPublisher" = "com.apple.AUC"
  ||    "CFBundleIdentifierKernel" = "com.apple.AUC"
  ||    "IOMatchedAtBoot" = Yes
  ||    "IOMatchCategory" = "IODefaultMatchCategory"
  ||    "IOUserClientClass" = "AUCUserClient"
  ||  }
  ||
  |+-o AppleARMBootPerf  <class AppleARMBootPerf, id 0x100000247, !registered, !matched, active, busy 0, retain 5>
  ||  {
  ||    "IOProbeScore" = 0x0
  ||    "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
  ||    "IOMatchCategory" = "AppleARMBootPerf"
  ||    "IOClass" = "AppleARMBootPerf"
  ||    "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
  ||    "IOProviderClass" = "IOResources"
  ||    "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
  ||    "IOMatchedAtBoot" = Yes
  ||    "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
  ||    "IOResourceMatch" = "IOKit"
  ||  }
  ||
  |+-o AppleARMSFRManifest  <class AppleARMSFRManifest, id 0x100000248, !registered, !matched, active, busy 0,
retain 4>
  ||  {
  ||    "IOProbeScore" = 0x0
  ||    "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
  ||    "IOMatchCategory" = "AppleARMSFRManifest"
  ||    "IOClass" = "AppleARMSFRManifest"
  ||    "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
  ||    "IOProviderClass" = "IOResources"
  ||    "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
  ||    "IOMatchedAtBoot" = Yes
  ||    "IOResourceMatch" = "IOKit"
  ||  }
  ||
  |+-o AppleMesaResources  <class AppleMesaResources, id 0x100000249, registered, matched, active, busy 0 (1 ms),
retain 5>
  ||  {
  ||    "IOProbeScore" = 0x0
  ||    "CFBundleIdentifier" = "com.apple.driver.AppleBiometricSensor"
  ||    "IOMatchCategory" = "AppleMesaResources"
  ||    "IOClass" = "AppleMesaResources"
  ||    "IOPersonalityPublisher" = "com.apple.driver.AppleBiometricSensor"
  ||    "IOProviderClass" = "IOResources"
  ||    "CFBundleIdentifierKernel" = "com.apple.driver.AppleBiometricSensor"
  ||    "IOMatchedAtBoot" = Yes
  ||  }
  ||
  |+-o AppleCredentialManager  <class AppleCredentialManager, id 0x10000024a, registered, matched, active, busy 0
(362 ms), retain 26>
  ||| {
  |||  "IOClass" = "AppleCredentialManager"
  |||  "HIDRM_PolicyEnabled" = No
  |||  "TRM_RelaxedPeriod" = Yes
  |||  "IOPersonalityPublisher" = "com.apple.driver.AppleCredentialManager"
```

```
|||   "IOMatchedAtBoot" = Yes
|||   "ACMTRMStore_AnalyticsSave" =
```
```
<0100000024000000e7fd4768000000000000000130000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000000000000000e7fd476800000000000000000
00000000000000000000000000000000000000000000000000000000000000000000e41a4968000000001f5a00
000e00000000000000000000000dec200000d00000000000000000000000000000000000000000000000000000
00000000000e41a4968000000001f5a00000e00000000000000000000000dec200000d00000000000000000000
0000000000000000000000000000000000000000000000000000000000000$
```
```
|||   "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|||   "IOProviderClass" = "IOResources"
|||   "TRM_CacheMissCount" = 0x0
|||   "TRM_PolicyTimeout" = 0x93a80
|||   "IOProbeScore" = 0x0
|||   "IOUserClientClass" = "AppleCredentialManagerUserClient"
|||   "TRM_PolicyReason" = 0x0
|||   "TRM_CacheMissThreshold" = 0x5
|||   "TRM_ConfigProfile" = 0x3
|||   "TRM_CacheMiss" = No
|||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleCredentialManager"
|||   "IOMatchCategory" = "AppleCredentialManager"
|||   "CFBundleIdentifier" = "com.apple.driver.AppleCredentialManager"
|||   "TRM_GracePeriodTimeout" = 0x3f480
|||   "TRM_EffectiveConfigProfile" = 0x3
|||   "TRM_RelaxedPeriodTimeout" = 0x3f480
|||   "TRM_DeviceLocked" = No
|||   "TRM_Recovery" = No
|||   "IOGeneralInterest" = "IOCommand is not serializable"
|||   "ACMTRMStore_AnalyticsLoad" =
```
```
<0100000024000000e7fd4768000000000000000120000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000000000000000e7fd476800000000000000000
0000000000000000000000000000000000000000000000000000000000000000001f5a00
000d000000f981486800000000f32900000d0000000000000000000000000000000000000000000000000000000
00000000000000000000000000001f5a00000d000000f981486800000000f32900000d0000000000000000000000
0000000000000000000000000000000000000$
```
```
|||   "TRM_BaseSystem" = No
|||   "TRM_UnlockedPeriod" = Yes
|||   "TRM_UnlockedPeriodTimeout" = 0x15180
|||}
|||
|| +-o AppleCredentialManagerUserClient  <class AppleCredentialManagerUserClient, id 0x100000c3a, !registered, !
matched, active, busy 0, retain 5>
|||   {
|||     "IOUserClientCreator" = "pid 550, coreauthd"
|||     "IOUserClientDefaultLocking" = Yes
|||   }
|||
|| +-o AppleCredentialManagerUserClient  <class AppleCredentialManagerUserClient, id 0x100000c3c, !registered, !
matched, active, busy 0, retain 5>
|||   {
|||     "IOUserClientCreator" = "pid 550, coreauthd"
|||     "IOUserClientDefaultLocking" = Yes
|||   }
|||
|| +-o AppleCredentialManagerUserClient  <class AppleCredentialManagerUserClient, id 0x100000cb2, !registered, !
matched, active, busy 0, retain 5>
|||   {
|||     "IOUserClientCreator" = "pid 626, coreauthd"
|||     "IOUserClientDefaultLocking" = Yes
|||   }
|||
|| +-o AppleCredentialManagerUserClient  <class AppleCredentialManagerUserClient, id 0x100000cbf, !registered, !
matched, active, busy 0, retain 5>
|||   {
|||     "IOUserClientCreator" = "pid 626, coreauthd"
|||     "IOUserClientDefaultLocking" = Yes
|||   }
|||
|| +-o AppleCredentialManagerUserClient  <class AppleCredentialManagerUserClient, id 0x100000e17, !registered, !
matched, active, busy 0, retain 5>
|||   {
|||     "IOUserClientCreator" = "pid 550, coreauthd"
|||     "IOUserClientDefaultLocking" = Yes
|||   }
|||
|| +-o AppleCredentialManagerUserClient  <class AppleCredentialManagerUserClient, id 0x100000e28, !registered, !
matched, active, busy 0, retain 5>
|||   {
|||     "IOUserClientCreator" = "pid 626, coreauthd"
|||     "IOUserClientDefaultLocking" = Yes
|||   }
|||
|| +-o AppleCredentialManagerUserClient  <class AppleCredentialManagerUserClient, id 0x100001020, !registered, !
matched, active, busy 0, retain 5>
|||   {
|||     "IOUserClientCreator" = "pid 550, coreauthd"
|||     "IOUserClientDefaultLocking" = Yes
|||   }
|||
|| +-o AppleCredentialManagerUserClient  <class AppleCredentialManagerUserClient, id 0x100006fd0, !registered, !
matched, active, busy 0, retain 5>
```

```
|| {
||   "IOUserClientCreator" = "pid 626, coreauthd"
||   "IOUserClientDefaultLocking" = Yes
|| }
||
| +-o AppleDiskImagesController  <class AppleDiskImagesController, id 0x10000024b, registered, matched, active, busy
0 (1 ms), retain 5>
|| {
||   "IOProbeScore" = 0x0
||   "CFBundleIdentifier" = "com.apple.driver.AppleDiskImages2"
||   "IOMatchCategory" = "AppleDiskImageDevice"
||   "IOClass" = "AppleDiskImagesController"
||   "IOPersonalityPublisher" = "com.apple.driver.AppleDiskImages2"
||   "IOProviderClass" = "IOResources"
||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDiskImages2"
||   "IOMatchedAtBoot" = Yes
||   "IOUserClientClass" = "DIDeviceCreatorUserClient"
||   "IOResourceMatch" = "IOKit"
|| }
||
| +-o AppleFDEKeyStore  <class AppleFDEKeyStore, id 0x10000024c, registered, matched, active, busy 0 (1 ms), retain
6>
|| {
||   "IOProbeScore" = 0x0
||   "CFBundleIdentifier" = "com.apple.driver.AppleFDEKeyStore"
||   "IOMatchCategory" = "AppleFDEKeyStore"
||   "IOClass" = "AppleFDEKeyStore"
||   "IOPersonalityPublisher" = "com.apple.driver.AppleFDEKeyStore"
||   "IOProviderClass" = "IOResources"
||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleFDEKeyStore"
||   "IOMatchedAtBoot" = Yes
||   "IOUserClientClass" = "AppleFDEKeyStoreUserClient"
||   "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
||   "IOResourceMatch" = "IOKit"
|| }
||
| +-o AppleIPAppender  <class AppleIPAppender, id 0x10000024d, registered, matched, active, busy 0 (1 ms), retain 6>
|| {
||   "IOClass" = "AppleIPAppender"
||   "CFBundleIdentifier" = "com.apple.driver.AppleIPAppender"
||   "IOProviderClass" = "IOResources"
||   "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
||   "IOUserClientClass" = "AppleIPAppenderUserClient"
||   "IOResourceMatch" = "IOKit"
||   "IOProbeScore" = 0x0
||   "IOMatchedAtBoot" = Yes
||   "IOMatchCategory" = "AppleIPAppender"
||   "IOPersonalityPublisher" = "com.apple.driver.AppleIPAppender"
||   "IOKitDebug" = 0xffff
||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleIPAppender"
|| }
||
| +-o AppleLockdownMode  <class AppleLockdownMode, id 0x10000024e, !registered, !matched, active, busy 0, retain
4>
|| {
||   "IOProbeScore" = 0x0
||   "CFBundleIdentifier" = "com.apple.driver.AppleLockdownMode"
||   "IOMatchCategory" = "AppleLockdownMode"
||   "IOClass" = "AppleLockdownMode"
||   "IOPersonalityPublisher" = "com.apple.driver.AppleLockdownMode"
||   "IOProviderClass" = "IOResources"
||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleLockdownMode"
||   "IOMatchedAtBoot" = Yes
|| }
||
| +-o AppleRSMChannelController  <class AppleRSMChannelController, id 0x10000024f, registered, matched, active,
busy 0 (1 ms), retain 6>
|| {
||   "IOMatchCategory" = "AppleRSMChannelController"
||   "AppleRSMChannelControllerMajorVersion" = 0x1
||   "IOUserClientClass" = "AppleRSMChannelControllerClient"
||   "IOProbeScore" = 0x0
||   "IOPowerManagement" =
{"DevicePowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2}
||   "AppleRSMChannelControllerMinorVersion" = 0x0
|| }
||
| +-o AppleKeyStore  <class AppleKeyStore, id 0x100000250, registered, matched, active, busy 0 (2825 ms), retain 60>
|||{
|||   "IOClass" = "AppleKeyStore"
|||   "CFBundleIdentifier" = "com.apple.driver.AppleSEPKeyStore"
|||   "IOProviderClass" = "IOResources"
|||   "IOPlatformWakeAction" = 0x3e8
|||   "IOUserClientClass" = "AppleKeyStoreUserClient"
|||   "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|||   "IOResourceMatch" = "IOKit"
|||   "IOProbeScore" = 0x0
|||   "IOMatchedAtBoot" = Yes
|||   "IOMatchCategory" = "AppleKeyStore"
|||   "IOGeneralInterest" = "IOCommand is not serializable"
```

```
|||   "IOPersonalityPublisher" = "com.apple.driver.AppleSEPKeyStore"
|||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleSEPKeyStore"
|||}
|||
|| +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x100000aa6, !registered, !matched, active, busy
0, retain 6>
|||  {
|||    "IOUserClientCreator" = "pid 316, UserEventAgent"
|||    "IOUserClientDefaultLocking" = Yes
|||  }
|||
|| +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x100000aaf, !registered, !matched, active, busy 0,
retain 6>
|||  {
|||    "IOUserClientCreator" = "pid 381, AirPlayXPCHelper"
|||    "IOUserClientDefaultLocking" = Yes
|||  }
|||
|| +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x100000abd, !registered, !matched, active, busy
0, retain 6>
|||  {
|||    "IOUserClientCreator" = "pid 327, powerd"
|||    "IOUserClientDefaultLocking" = Yes
|||  }
|||
|| +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x100000ac9, !registered, !matched, active, busy
0, retain 6>
|||  {
|||    "IOUserClientCreator" = "pid 377, bluetoothd"
|||    "IOUserClientDefaultLocking" = Yes
|||  }
|||
|| +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x100000b6b, !registered, !matched, active, busy
0, retain 6>
|||  {
|||    "IOUserClientCreator" = "pid 385, WindowServer"
|||    "IOUserClientDefaultLocking" = Yes
|||  }
|||
|| +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x100000c22, !registered, !matched, active, busy
0, retain 6>
|||  {
|||    "IOUserClientCreator" = "pid 388, loginwindow"
|||    "IOUserClientDefaultLocking" = Yes
|||  }
|||
|| +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x100000c25, !registered, !matched, active, busy
0, retain 6>
|||  {
|||    "IOUserClientCreator" = "pid 353, opendirectoryd"
|||    "IOUserClientDefaultLocking" = Yes
|||  }
|||
|| +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x100000c2a, !registered, !matched, active, busy
0, retain 6>
|||  {
|||    "IOUserClientCreator" = "pid 434, authd"
|||    "IOUserClientDefaultLocking" = Yes
|||  }
|||
|| +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x100000c2f, !registered, !matched, active, busy 0,
retain 6>
|||  {
|||    "IOUserClientCreator" = "pid 540, searchpartyd"
|||    "IOUserClientDefaultLocking" = Yes
|||  }
|||
|| +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x100000c39, !registered, !matched, active, busy
0, retain 6>
|||  {
|||    "IOUserClientCreator" = "pid 550, coreauthd"
|||    "IOUserClientDefaultLocking" = Yes
|||  }
|||
|| +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x100000c7d, !registered, !matched, active, busy
0, retain 6>
|||  {
|||    "IOUserClientCreator" = "pid 582, rapportd"
|||    "IOUserClientDefaultLocking" = Yes
|||  }
|||
|| +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x100000c92, !registered, !matched, active, busy
0, retain 6>
|||  {
|||    "IOUserClientCreator" = "pid 572, secd"
|||    "IOUserClientDefaultLocking" = Yes
|||  }
|||
|| +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x100000cb1, !registered, !matched, active, busy
0, retain 6>
```

||| {
||| "IOUserClientCreator" = "pid 626, coreauthd"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
| | +-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000cb9, !registered, !matched, active, busy 0, retain 6>
||| {
||| "IOUserClientCreator" = "pid 630, wifianalyticsd"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
| | +-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000cc9, !registered, !matched, active, busy 0, retain 6>
||| {
||| "IOUserClientCreator" = "pid 628, sharingd"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
| | +-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000cee, !registered, !matched, active, busy 0, retain 6>
||| {
||| "IOUserClientCreator" = "pid 646, ContinuityCaptur"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
| | +-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000cff, !registered, !matched, active, busy 0, retain 6>
||| {
||| "IOUserClientCreator" = "pid 697, nearbyd"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
| | +-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000d06, !registered, !matched, active, busy 0, retain 6>
||| {
||| "IOUserClientCreator" = "pid 618, NotificationCent"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
| | +-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000d0d, !registered, !matched, active, busy 0, retain 6>
||| {
||| "IOUserClientCreator" = "pid 678, audioaccessoryd"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
| | +-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000d10, !registered, !matched, active, busy 0, retain 6>
||| {
||| "IOUserClientCreator" = "pid 730, corespotlightd"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
| | +-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000d4a, !registered, !matched, active, busy 0, retain 6>
||| {
||| "IOUserClientCreator" = "pid 804, milod"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
| | +-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000d51, !registered, !matched, active, busy 0, retain 6>
||| {
||| "IOUserClientCreator" = "pid 803, corespeechd"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
| | +-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000d5f, !registered, !matched, active, busy 0, retain 6>
||| {
||| "IOUserClientCreator" = "pid 820, passd"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
| | +-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000d64, !registered, !matched, active, busy 0, retain 6>
||| {
||| "IOUserClientCreator" = "pid 642, Passwords"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
| | +-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000d65, !registered, !matched, active, busy 0, retain 6>
||| {
||| "IOUserClientCreator" = "pid 761, seserviced"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
| | +-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000d66, !registered, !matched, active, busy

```
0, retain 6>
  ||| {
  |||   "IOUserClientCreator" = "pid 625, ctkd"
  |||   "IOUserClientDefaultLocking" = Yes
  ||| }
  |||
  || +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x100000df5, !registered, !matched, active, busy
0, retain 6>
  ||| {
  |||   "IOUserClientCreator" = "pid 929, PasswordManagerB"
  |||   "IOUserClientDefaultLocking" = Yes
  ||| }
  |||
  || +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x100000df6, !registered, !matched, active, busy
0, retain 6>
  ||| {
  |||   "IOUserClientCreator" = "pid 897, PasswordsMenuBar"
  |||   "IOUserClientDefaultLocking" = Yes
  ||| }
  |||
  || +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x100001070, !registered, !matched, active, busy
0, retain 6>
  ||| {
  |||   "IOUserClientCreator" = "pid 603, homed"
  |||   "IOUserClientDefaultLocking" = Yes
  ||| }
  |||
  || +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x100004d9b, !registered, !matched, active, busy
0, retain 6>
  ||| {
  |||   "IOUserClientCreator" = "pid 4716, containermanager"
  |||   "IOUserClientDefaultLocking" = Yes
  ||| }
  |||
  || +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x100004fef, !registered, !matched, active, busy 0,
retain 6>
  ||| {
  |||   "IOUserClientCreator" = "pid 5008, PerfPowerService"
  |||   "IOUserClientDefaultLocking" = Yes
  ||| }
  |||
  || +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x10000556f, !registered, !matched, active, busy
0, retain 6>
  ||| {
  |||   "IOUserClientCreator" = "pid 5388, bluetoothuserd"
  |||   "IOUserClientDefaultLocking" = Yes
  ||| }
  |||
  || +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x100007e34, !registered, !matched, active, busy
0, retain 6>
  ||| {
  |||   "IOUserClientCreator" = "pid 9296, UniversalControl"
  |||   "IOUserClientDefaultLocking" = Yes
  ||| }
  |||
  || +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x100007fe8, !registered, !matched, active, busy 0,
retain 6>
  ||| {
  |||   "IOUserClientCreator" = "pid 9552, duetexpertd"
  |||   "IOUserClientDefaultLocking" = Yes
  ||| }
  |||
  || +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x1000089f4, !registered, !matched, active, busy
0, retain 6>
  ||| {
  |||   "IOUserClientCreator" = "pid 10818, chronod"
  |||   "IOUserClientDefaultLocking" = Yes
  ||| }
  |||
  || +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x10000a21f, !registered, !matched, active, busy 0,
retain 6>
  ||| {
  |||   "IOUserClientCreator" = "pid 12211, biometrickitd"
  |||   "IOUserClientDefaultLocking" = Yes
  ||| }
  |||
  || +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x10000a437, !registered, !matched, active, busy
0, retain 6>
  ||| {
  |||   "IOUserClientCreator" = "pid 12538, tipsd"
  |||   "IOUserClientDefaultLocking" = Yes
  ||| }
  |||
  || +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x10000a4a6, !registered, !matched, active, busy
0, retain 6>
  ||| {
  |||   "IOUserClientCreator" = "pid 12147, mobileassetd"
  |||   "IOUserClientDefaultLocking" = Yes
  ||| }
  |||
```

```
  | | +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x10000a57b, !registered, !matched, active, busy
0, retain 6>
  | | | {
  | | |   "IOUserClientCreator" = "pid 12923, AppSSOAgent"
  | | |   "IOUserClientDefaultLocking" = Yes
  | | | }
  | | |
  | | +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x10000a698, !registered, !matched, active, busy
0, retain 6>
  | | | {
  | | |   "IOUserClientCreator" = "pid 13707, ctkd"
  | | |   "IOUserClientDefaultLocking" = Yes
  | | | }
  | | |
  | | +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x10000a6b2, !registered, !matched, active, busy
0, retain 6>
  | | | {
  | | |   "IOUserClientCreator" = "pid 13766, containermanager"
  | | |   "IOUserClientDefaultLocking" = Yes
  | | | }
  | | |
  | | +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x10000a6b3, !registered, !matched, active, busy
0, retain 6>
  | | | {
  | | |   "IOUserClientCreator" = "pid 13774, containermanager"
  | | |   "IOUserClientDefaultLocking" = Yes
  | | | }
  | | |
  | | +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x10000a6b4, !registered, !matched, active, busy
0, retain 6>
  | | | {
  | | |   "IOUserClientCreator" = "pid 13776, containermanager"
  | | |   "IOUserClientDefaultLocking" = Yes
  | | | }
  | | |
  | | +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x10000a6b9, !registered, !matched, active, busy
0, retain 6>
  | | | {
  | | |   "IOUserClientCreator" = "pid 12563, securityd_system"
  | | |   "IOUserClientDefaultLocking" = Yes
  | | | }
  | | |
  | | +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x10000a6e9, !registered, !matched, active, busy
0, retain 6>
  | | | {
  | | |   "IOUserClientCreator" = "pid 13818, appleaccountd"
  | | |   "IOUserClientDefaultLocking" = Yes
  | | | }
  | | |
  | | +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x10000a6ec, !registered, !matched, active, busy
0, retain 6>
  | | | {
  | | |   "IOUserClientCreator" = "pid 13817, iCloudNotificati"
  | | |   "IOUserClientDefaultLocking" = Yes
  | | | }
  | | |
  | | +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x10000a714, !registered, !matched, active, busy
0, retain 6>
  | | | {
  | | |   "IOUserClientCreator" = "pid 13845, mobileactivation"
  | | |   "IOUserClientDefaultLocking" = Yes
  | | | }
  | | |
  | | +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x10000a720, !registered, !matched, active, busy
0, retain 6>
  | | | {
  | | |   "IOUserClientCreator" = "pid 13851, transparencyd"
  | | |   "IOUserClientDefaultLocking" = Yes
  | | | }
  | | |
  | | +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x10000a721, !registered, !matched, active, busy
0, retain 6>
  | | | {
  | | |   "IOUserClientCreator" = "pid 13851, transparencyd"
  | | |   "IOUserClientDefaultLocking" = Yes
  | | | }
  | | |
  | | +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x10000a79b, !registered, !matched, active, busy
0, retain 6>
  | | | {
  | | |   "IOUserClientCreator" = "pid 13960, SiriAUSP"
  | | |   "IOUserClientDefaultLocking" = Yes
  | | | }
  | | |
  | | +-o AppleKeyStoreUserClient  <class AppleKeyStoreUserClient, id 0x10000a79c, !registered, !matched, active, busy
0, retain 6>
  | |   {
  | |     "IOUserClientCreator" = "pid 13970, voicebankingd"
  | |     "IOUserClientDefaultLocking" = Yes
  | |   }
```

```
  ||
  | +-o AppleKeyStoreTest  <class AppleKeyStoreTest, id 0x100000251, !registered, !matched, active, busy 0, retain 4>
  ||  {
  ||    "IOProbeScore" = 0x0
  ||    "CFBundleIdentifier" = "com.apple.driver.AppleSEPKeyStore"
  ||    "IOMatchCategory" = "AppleKeyStoreTest"
  ||    "IOClass" = "AppleKeyStoreTest"
  ||    "IOPersonalityPublisher" = "com.apple.driver.AppleSEPKeyStore"
  ||    "IOPlatformWakeAction" = 0x3e8
  ||    "IOProviderClass" = "IOResources"
  ||    "CFBundleIdentifierKernel" = "com.apple.driver.AppleSEPKeyStore"
  ||    "IOUserClientClass" = "AppleKeyStoreTestUserClient"
  ||    "IOMatchedAtBoot" = Yes
  ||    "IOResourceMatch" = "IOKit"
  ||  }
  ||
  | +-o AppleSSE  <class AppleSSE, id 0x100000252, registered, matched, active, busy 0 (5 ms), retain 9>
  |||{
  |||  "IOProbeScore" = 0x0
  |||  "CFBundleIdentifier" = "com.apple.driver.AppleSSE"
  |||  "IOMatchCategory" = "AppleSSE"
  |||  "IOClass" = "AppleSSE"
  |||  "IOPersonalityPublisher" = "com.apple.driver.AppleSSE"
  |||  "IOProviderClass" = "IOResources"
  |||  "CFBundleIdentifierKernel" = "com.apple.driver.AppleSSE"
  |||  "IOMatchedAtBoot" = Yes
  |||  "IOUserClientClass" = "AppleSSEUserClient"
  |||  "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
  |||  "IOGeneralInterest" = "IOCommand is not serializable"
  |||}
  |||
  || +-o AppleSSEUserClient  <class AppleSSEUserClient, id 0x100000dc6, !registered, !matched, active, busy 0, retain
5>
  ||  {
  ||    "IOUserClientCreator" = "pid 820, passd"
  ||    "IOUserClientDefaultLocking" = Yes
  ||  }
  ||
  | +-o AppleUIOMem  <class AppleUIOMem, id 0x100000253, registered, matched, active, busy 0 (0 ms), retain 5>
  ||  {
  ||    "IOName" = "AppleUIOMem"
  ||    "CFBundleIdentifier" = "com.apple.driver.AppleUIO"
  ||    "IOMatchCategory" = "AppleUIOMem"
  ||    "IOClass" = "AppleUIOMem"
  ||    "IOPersonalityPublisher" = "com.apple.driver.AppleUIO"
  ||    "IOProviderClass" = "IOResources"
  ||    "CFBundleIdentifierKernel" = "com.apple.driver.AppleUIO"
  ||    "IOProbeScore" = 0x0
  ||    "IOUserClientClass" = "AppleUIOMemUserClient"
  ||    "IOMatchedAtBoot" = Yes
  ||    "IOResourceMatch" = "IOKit"
  ||  }
  ||
  | +-o CoreAnalyticsHub  <class CoreAnalyticsHub, id 0x100000254, registered, matched, active, busy 0 (1 ms), retain
24>
  |||{
  |||  "IOClass" = "CoreAnalyticsHub"
  |||  "CFBundleIdentifier" = "com.apple.iokit.CoreAnalyticsFamily"
  |||  "IOProviderClass" = "IOResources"
  |||  "IOUserClientClass" = "CoreAnalyticsUserClient"
  |||  "IOResourceMatch" = "IOKit"
  |||  "IOProbeScore" = 0x0
  |||  "IOMatchedAtBoot" = Yes
  |||  "IOMatchCategory" = "CoreAnalyticsHub"
  |||  "IOReportLegendPublic" = Yes
  |||  "IOGeneralInterest" = "IOCommand is not serializable"
  |||  "IOReportLegend" = ({"IOReportGroupName"="Hub
Stats","IOReportChannels"=((0x4573692020202020,0x180000001,"API calls"),(0x4573612020202020,0x180000001,"API
accepted"),(0x4573642020202020,0x180000001,"API dropped and freed"),(0x4573722020202020,0x180000001,"API
per-event rate exceeded"),(0x4573702020202020,0x180000001,"Pending Retained Items"),
(0x5364716620202020,0x180000001,"Shared Data Queue full, retry"),(0x45736d2020202020,0x180000001,"Serialized
Messages"),(0x4573622020202020,0x180000001,"Serialized Message Bytes"),(0x4573662020$
  |||  "IOPersonalityPublisher" = "com.apple.iokit.CoreAnalyticsFamily"
  |||  "CFBundleIdentifierKernel" = "com.apple.iokit.CoreAnalyticsFamily"
  |||}
  |||
  || +-o CoreAnalyticsMessenger  <class CoreAnalyticsMessenger, id 0x100000913, registered, matched, active, busy 0
(0 ms), retain 5>
  |||  {
  |||    "IOClass" = "CoreAnalyticsMessenger"
  |||    "IOGeneralInterest" = "IOCommand is not serializable"
  |||  }
  |||
  || +-o CoreAnalyticsUserClient  <class CoreAnalyticsUserClient, id 0x100000b7b, !registered, !matched, active, busy 0,
retain 6>
  ||  {
  ||    "IOUserClientCreator" = "pid 394, analyticsd"
  ||    "IOUserClientDefaultLocking" = Yes
  ||  }
  ||
```

```
| +-o EndpointSecurityDriver  <class EndpointSecurityDriver, id 0x100000255, registered, matched, active, busy 0 (3
ms), retain 5>
||  {
||    "IOProbeScore" = 0x0
||    "CFBundleIdentifier" = "com.apple.iokit.EndpointSecurity"
||    "IOMatchCategory" = "EndpointSecurityDriver"
||    "IOClass" = "EndpointSecurityDriver"
||    "IOPersonalityPublisher" = "com.apple.iokit.EndpointSecurity"
||    "IOProviderClass" = "IOResources"
||    "CFBundleIdentifierKernel" = "com.apple.iokit.EndpointSecurity"
||    "IOMatchedAtBoot" = Yes
||    "IOUserClientClass" = "EndpointSecurityDriverClient"
||    "IOResourceMatch" = "IOKit"
||  }
||
| +-o IOBluetoothHCIController  <class IOBluetoothHCIController, id 0x100000256, registered, matched, active, busy 0
(75 ms), retain 9>
|||{
|||  "IOProbeScore" = 0x0
|||  "CFBundleIdentifier" = "com.apple.iokit.IOBluetoothFamily"
|||  "IOMatchCategory" = "IOBluetoothHCIController"
|||  "IOClass" = "IOBluetoothHCIController"
|||  "IOPersonalityPublisher" = "com.apple.iokit.IOBluetoothFamily"
|||  "IOProviderClass" = "IOResources"
|||  "CFBundleIdentifierKernel" = "com.apple.iokit.IOBluetoothFamily"
|||  "IOMatchedAtBoot" = Yes
|||  "BluetoothTransportConnected" = Yes
|||  "Built-In" = Yes
|||  "IOResourceMatch" = "IOKit"
|||}
|||
|| +-o IOBluetoothACPIMethods  <class IOBluetoothACPIMethods, id 0x10000026d, !registered, !matched, active, busy
0, retain 5>
|||  {
|||  }
|||
|| +-o IOBluetoothHCIUserClient  <class IOBluetoothHCIUserClient, id 0x100000b94, !registered, !matched, active, busy
0, retain 6>
|||  {
|||    "IOUserClientCreator" = "pid 377, bluetoothd"
|||    "IOUserClientDefaultLocking" = Yes
|||  }
|||
|| +-o IOBluetoothDevice  <class IOBluetoothDevice, id 0x100000d77, registered, matched, active, busy 0 (27 ms),
retain 8>
|| |{
|| |  "ConnectionHandle" = 0x1
|| |  "BluetoothObjectID" = 0x2
|| |  "BD_ADDR" = <d45763d0d7d3>
|| |  "BTTTYName" = "Bluetooth-Incoming-Port"
|| |  "MaxACLPacketSize" = 0x0
|| |  "Link Level Encryption" = 0x0
|| |  "IODEXTMatchCount" = 0x1
|| |  "DeviceType" = "Serial"
|| |  "BTAddress" = <d45763d0d7d3>
|| |  "ClassOfDevice" = 0x0
|| |  "IsInitiator" = Yes
|| |}
|| |
|| +-o IOUserBluetoothSerialDriver  <class IOUserService, id 0x100000d78, registered, matched, active, busy 0 (3 ms),
retain 17>
|| |{
|| |  "IOClass" = "IOUserService"
|| |  "CFBundleIdentifier" = "com.apple.IOUserBluetoothSerialDriver"
|| |  "IOProviderClass" = "IOBluetoothDevice"
|| |  "IOUserServerCDHash" = "7db555a8184a00ad1467dc4170fe49eb2afc88a1"
|| |  "IOPropertyMatch" = {"ClassOfDevice"=0x0,"DeviceType"="Serial"}
|| |  "IOUserBluetoothSerialClient" = {"IOClass"="IOUserUserClient","IOUserClass"="IOUserBluetoothSerialClient"}
|| |  "IOMatchedPersonality" =
{"IOClass"="IOUserService","CFBundleIdentifier"="com.apple.IOUserBluetoothSerialDriver","IOProviderClass"="IOBluetoot
hDevice","IOUserServerCDHash"="7db555a8184a00ad1467dc4170fe49eb2afc88a1","IOPropertyMatch"={"ClassOfDevice"
=0x0,"DeviceType"="Serial"},"IOUserBluetoothSerialClient"={"IOClass"="IOUserUserClient","IOUserClass"="IOUserBlueto
othSerialClient"},"PTY"={"IOClass"="IOUserSerial","PTY"={"IOClass"="IOUserUserClient","IOUserClass"="IOUserPseudoS
erialUserClient"},"CFBundleIdentifier"="com.apple.drive$
|| |  "PTY" =
{"IOClass"="IOUserSerial","PTY"={"IOClass"="IOUserUserClient","IOUserClass"="IOUserPseudoSerialUserClient"},"CFBun
dleIdentifier"="com.apple.driver.driverkit.serial","IOUserClass"="IOUserPseudoSerial"}
|| |  "IOProbeScore" = 0x0
|| |  "IOPowerManagement" =
{"DevicePowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x2,"MaxPowerState"=0x2}
|| |  "IOMatchCategory" = "IOUserBluetoothSerialDriver"
|| |  "IOUserServerName" = "com.apple.IOUserBluetoothSerialDriver"
|| |  "DeviceAddress" = <d45763d0d7d3>
|| |  "IOUserClasses" = ("IOUserBluetoothSerialDriver","IOService","OSObject")
|| |  "IOPersonalityPublisher" = "com.apple.IOUserBluetoothSerialDriver"
|| |  "kOSBundleDextUniqueIdentifier" =
<1526ca90d643b7c641f429b8e2b92744a631623b75d77a819cc68546b9fc3ac2>
|| |  "CFBundleIdentifierKernel" = "com.apple.driver.driverkit.serial"
|| |  "ClassOfDevice" = 0x0
|| |  "IOUserClass" = "IOUserBluetoothSerialDriver"
```

```
|| | }
|| |
|| +-o IOUserBluetoothSerialClient  <class IOUserUserClient, id 0x100000d7b, !registered, !matched, active, busy 0,
retain 7>
|| | {
|| |   "IOUserClass" = "IOUserBluetoothSerialClient"
|| |   "CFBundleIdentifier" = "com.apple.IOUserBluetoothSerialDriver"
|| |   "IOClass" = "IOUserUserClient"
|| |   "IOUserClientCreator" = "pid 377, bluetoothd"
|| |   "IOUserClientDefaultLocking" = Yes
|| |   "IOUserServerName" = "com.apple.IOUserBluetoothSerialDriver"
|| |   "IOUserClasses" = ("IOUserBluetoothSerialClient","IOUserClient","IOService","OSObject")
|| | }
|| |
|| +-o IOUserPseudoSerial  <class IOUserSerial, id 0x100000d7c, registered, matched, active, busy 0 (2 ms), retain
10>
|| | {
|| |   "IOUserClass" = "IOUserPseudoSerial"
|| |   "CFBundleIdentifier" = "com.apple.IOUserBluetoothSerialDriver"
|| |   "HiddenPort" = Yes
|| |   "IOClass" = "IOUserSerial"
|| |   "IOUserClasses" = ("IOUserPseudoSerial","IOUserSerial","IOService","OSObject")
|| |   "IOTTYBaseName" = "Bluetooth-Incoming-Port"
|| |   "PTY" = {"IOClass"="IOUserUserClient","IOUserClass"="IOUserPseudoSerialUserClient"}
|| |   "IOTTYSuffix" = ""
|| |   "IOUserServerName" = "com.apple.IOUserBluetoothSerialDriver"
|| |   "IOServiceDEXTEntitlements" = "com.apple.developer.driverkit.family.serial"
|| | }
|| |
|| +-o IOSerialBSDClient  <class IOSerialBSDClient, id 0x100000d7d, registered, matched, active, busy 0 (2 ms),
retain 5>
|| | {
|| |   "IOClass" = "IOSerialBSDClient"
|| |   "CFBundleIdentifier" = "com.apple.iokit.IOSerialFamily"
|| |   "IOProviderClass" = "IOSerialStreamSync"
|| |   "IOTTYBaseName" = "Bluetooth-Incoming-Port"
|| |   "IOSerialBSDClientType" = "IOSerialStream"
|| |   "IOProbeScore" = 0x3e8
|| |   "IOResourceMatch" = "IOBSD"
|| |   "IOMatchedAtBoot" = Yes
|| |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |   "IOTTYDevice" = "Bluetooth-Incoming-Port"
|| |   "IOCalloutDevice" = "/dev/cu.Bluetooth-Incoming-Port"
|| |   "IODialinDevice" = "/dev/tty.Bluetooth-Incoming-Port"
|| |   "IOPersonalityPublisher" = "com.apple.iokit.IOSerialFamily"
|| |   "CFBundleIdentifierKernel" = "com.apple.iokit.IOSerialFamily"
|| |   "IOTTYSuffix" = ""
|| | }
|| |
|| +-o IOUserPseudoSerialUserClient  <class IOUserUserClient, id 0x100000d7e, !registered, !matched, active, busy
0, retain 7>
||     {
||       "IOUserClass" = "IOUserPseudoSerialUserClient"
||       "CFBundleIdentifier" = "com.apple.IOUserBluetoothSerialDriver"
||       "IOClass" = "IOUserUserClient"
||       "IOUserClientCreator" = "pid 377, bluetoothd"
||       "IOUserClientDefaultLocking" = Yes
||       "IOUserServerName" = "com.apple.IOUserBluetoothSerialDriver"
||       "IOUserClasses" = ("IOUserPseudoSerialUserClient","IOUserClient","IOService","OSObject")
||     }
||
| +-o IODisplayWrangler  <class IODisplayWrangler, id 0x100000257, registered, matched, active, busy 0 (0 ms), retain
5>
|| {
||   "IOClass" = "IODisplayWrangler"
||   "CFBundleIdentifier" = "com.apple.iokit.IOGraphicsFamily"
||   "IOProviderClass" = "IOResources"
||   "IOGraphicsIgnoreParameters" = {"aupc"=Yes,"auph"=Yes," bpc"=Yes,"aums"=Yes,"aupp"=Yes}
||   "IOGraphicsPrefsParameters" =
{"thue"=Yes,"pscn"=Yes,"vbst"=Yes,"oscn"=Yes,"tbri"=Yes,"cyuv"=0x10000000,"tsat"=Yes}
||   "IOResourceMatch" = "IOKit"
||   "IOProbeScore" = 0x0
||   "IOMatchCategory" = "IOGraphics"
||   "IOMatchedAtBoot" = Yes
||   "IOGeneralInterest" = "IOCommand is not serializable"
||   "IOPersonalityPublisher" = "com.apple.iokit.IOGraphicsFamily"
||   "CFBundleIdentifierKernel" = "com.apple.iokit.IOGraphicsFamily"
|| }
||
| +-o IOHDIXController  <class IOHDIXController, id 0x100000258, registered, matched, active, busy 0 (14 ms), retain 5>
|| {
||   "IOClass" = "IOHDIXController"
||   "CFBundleIdentifier" = "com.apple.driver.DiskImages"
||   "IOProviderClass" = "IOResources"
||   "Product Name" = "Disk Image Driver for MacOS X"
||   "IOUserClientClass" = "IOHDIXControllerUserClient"
||   "IOResourceMatch" = "IOKit"
||   "IOProbeScore" = 0x0
||   "IOMatchedAtBoot" = Yes
||   "IOMatchCategory" = "IOHDIXController"
```

```
| |    "revision" = "671.100.2"
| |    "Vendor Name" = "Apple"
| |    "Product Revision Level" = "671.100.2"
| |    "di-root-image-result" = 0x0
| |    "vendor" = "Apple"
| |    "IOPersonalityPublisher" = "com.apple.driver.DiskImages"
| |    "di-root-image-devname" = "disk4s1"
| |    "CFBundleIdentifierKernel" = "com.apple.driver.DiskImages"
| |    "di-root-image-devt" = 0x1000015
| |    "model" = "Disk Image Driver for MacOS X"
| |  }
| |
| +-o IOKitRegistryCompatibility  <class IOKitRegistryCompatibility, id 0x100000259, !registered, !matched, active, busy
0 (0 ms), retain 6>
| | | {
| | |   "IOProbeScore" = 0x0
| | |   "CFBundleIdentifier" = "com.apple.iokit.IOKitRegistryCompatibility"
| | |   "IOMatchCategory" = "IOKitRegistryCompatibility"
| | |   "IOClass" = "IOKitRegistryCompatibility"
| | |   "IOPersonalityPublisher" = "com.apple.iokit.IOKitRegistryCompatibility"
| | |   "Entries" = ({"IOName"="display","IOClass"="IOPCIDevice","class-
code"=<00000300>,"model"=<556e6b6e6f776e20556e6b6e6f776e00>,"device-id"=<10680000>,"vendor-
id"=<02100000>,"revision-id"=<00000000>,"subsystem-id"=<00000000>},
{"IOClass"="IOFramebuffer","IOName"="IOFB","ParentIndex"=0x0},
{"IOName"="IOAccelerator","CFBundleIdentifier"="com.unknown.bundle","ParentIndex"=0x0,"IOClass"="IOAccelerator","P
erformanceStatistics"={"vramFreeBytes"=0xf00000}},"IOGLBundleName"="AppleMetalGLRenderer","MetalPluginName"="A
GXMetalA12","VRAM,totalMB"=0x4$
| | |   "IOProviderClass" = "IOResources"
| | |   "CFBundleIdentifierKernel" = "com.apple.iokit.IOKitRegistryCompatibility"
| | |   "IOMatchedAtBoot" = Yes
| | |   "IOResourceMatch" = "IOKit"
| | | }
| | |
| | +-o display  <class IOServiceCompatibility, id 0x10000026e, registered, matched, active, busy 0 (0 ms), retain 7>
| | | | {
| | | |   "IOCompatibilityProperties" = {"IOName"="display","IOClass"="IOPCIDevice","class-
code"=<00000300>,"model"=<556e6b6e6f776e20556e6b6e6f776e00>,"device-id"=<10680000>,"vendor-
id"=<02100000>,"revision-id"=<00000000>,"subsystem-id"=<00000000>}
| | | | }
| | | |
| | | +-o IOFB  <class IOServiceCompatibility, id 0x10000026f, registered, matched, active, busy 0 (0 ms), retain 5>
| | | |  {
| | | |    "IOCompatibilityProperties" = {"IOClass"="IOFramebuffer","IOName"="IOFB","ParentIndex"=0x0}
| | | |  }
| | | |
| | | +-o IOAccelerator  <class IOServiceCompatibility, id 0x100000270, registered, matched, active, busy 0 (0 ms), retain
5>
| | |    {
| | |      "IOCompatibilityProperties" =
{"IOName"="IOAccelerator","CFBundleIdentifier"="com.unknown.bundle","ParentIndex"=0x0,"IOClass"="IOAccelerator","P
erformanceStatistics"={"vramFreeBytes"=0xf00000}},"IOGLBundleName"="AppleMetalGLRenderer","MetalPluginName"="A
GXMetalA12","VRAM,totalMB"=0x4000}
| | |    }
| | |
| | +-o platform  <class IOServiceCompatibility, id 0x100000271, registered, matched, active, busy 0 (0 ms), retain 5>
| |    {
| |      "IOCompatibilityProperties" = {"IOClass"="IOService","IOName"="platform","IOPath"="IODeviceTree:/efi/
platform","system-id"=<dc31d7e0351aea58b1b44cfc314aa1e6>}
| |    }
| |
| +-o IOReportHub  <class IOReportHub, id 0x10000025a, registered, matched, active, busy 0 (55 ms), retain 18>
| | | {
| | |   "IOProbeScore" = 0x0
| | |   "CFBundleIdentifier" = "com.apple.iokit.IOReportFamily"
| | |   "IOMatchCategory" = "IOReportHub"
| | |   "IOClass" = "IOReportHub"
| | |   "IOPersonalityPublisher" = "com.apple.iokit.IOReportFamily"
| | |   "IOProviderClass" = "IOResources"
| | |   "CFBundleIdentifierKernel" = "com.apple.iokit.IOReportFamily"
| | |   "IOMatchedAtBoot" = Yes
| | |   "IOUserClientClass" = "IOReportUserClient"
| | |   "IOResourceMatch" = "IOKit"
| | | }
| | |
| | +-o IOReportUserClient  <class IOReportUserClient, id 0x100000aa0, !registered, !matched, active, busy 0, retain 5>
| | | {
| | |   "IOUserClientCreator" = "pid 352, thermalmonitord"
| | |   "IOUserClientDefaultLocking" = Yes
| | | }
| | |
| | +-o IOReportUserClient  <class IOReportUserClient, id 0x100000aa1, !registered, !matched, active, busy 0, retain 5>
| | | {
| | |   "IOUserClientCreator" = "pid 352, thermalmonitord"
| | |   "IOUserClientDefaultLocking" = Yes
| | | }
| | |
| | +-o IOReportUserClient  <class IOReportUserClient, id 0x100000dd1, !registered, !matched, active, busy 0, retain 5>
| | | {
| | |   "IOUserClientCreator" = "pid 322, systemstats"
| | |   "IOUserClientDefaultLocking" = Yes
```

```
|||  }
|||
|| +-o IOReportUserClient  <class IOReportUserClient, id 0x100000dd2, !registered, !matched, active, busy 0, retain 5>
|||  {
|||    "IOUserClientCreator" = "pid 322, systemstats"
|||    "IOUserClientDefaultLocking" = Yes
|||  }
|||
|| +-o IOReportUserClient  <class IOReportUserClient, id 0x10000226e, !registered, !matched, active, busy 0, retain 5>
|||  {
|||    "IOUserClientCreator" = "pid 630, wifianalyticsd"
|||    "IOUserClientDefaultLocking" = Yes
|||  }
|||
|| +-o IOReportUserClient  <class IOReportUserClient, id 0x100004ff8, !registered, !matched, active, busy 0, retain 5>
|||  {
|||    "IOUserClientCreator" = "pid 5008, PerfPowerService"
|||    "IOUserClientDefaultLocking" = Yes
|||  }
|||
|| +-o IOReportUserClient  <class IOReportUserClient, id 0x100004ffe, !registered, !matched, active, busy 0, retain 5>
|||  {
|||    "IOUserClientCreator" = "pid 5008, PerfPowerService"
|||    "IOUserClientDefaultLocking" = Yes
|||  }
|||
|| +-o IOReportUserClient  <class IOReportUserClient, id 0x100004fff, !registered, !matched, active, busy 0, retain 5>
|||  {
|||    "IOUserClientCreator" = "pid 5008, PerfPowerService"
|||    "IOUserClientDefaultLocking" = Yes
|||  }
|||
|| +-o IOReportUserClient  <class IOReportUserClient, id 0x100005000, !registered, !matched, active, busy 0, retain 5>
|||  {
|||    "IOUserClientCreator" = "pid 5008, PerfPowerService"
|||    "IOUserClientDefaultLocking" = Yes
|||  }
|||
|| +-o IOReportUserClient  <class IOReportUserClient, id 0x10000500d, !registered, !matched, active, busy 0, retain 5>
|||  {
|||    "IOUserClientCreator" = "pid 5008, PerfPowerService"
|||    "IOUserClientDefaultLocking" = Yes
|||  }
|||
|| +-o IOReportUserClient  <class IOReportUserClient, id 0x10000500e, !registered, !matched, active, busy 0, retain 5>
|||  {
|||    "IOUserClientCreator" = "pid 5008, PerfPowerService"
|||    "IOUserClientDefaultLocking" = Yes
|||  }
|||
|| +-o IOReportUserClient  <class IOReportUserClient, id 0x100005010, !registered, !matched, active, busy 0, retain 5>
|||  {
|||    "IOUserClientCreator" = "pid 5008, PerfPowerService"
|||    "IOUserClientDefaultLocking" = Yes
|||  }
|||
|| +-o IOReportUserClient  <class IOReportUserClient, id 0x100005013, !registered, !matched, active, busy 0, retain 5>
||   {
||     "IOUserClientCreator" = "pid 5008, PerfPowerService"
||     "IOUserClientDefaultLocking" = Yes
||   }
||
| +-o AppleUSBHostResourcesTypeC  <class AppleUSBHostResourcesTypeC, id 0x10000025d, registered, matched,
active, busy 0 (372 ms), retain 12>
|||{
|||   "IOClass" = "AppleUSBHostResourcesTypeC"
|||   "CFBundleIdentifier" = "com.apple.iokit.IOUSBHostFamily"
|||   "IOProviderClass" = "IOResources"
|||   "IOResourceMatch" = "IOKit"
|||   "IOProbeScore" = 0x3e8
|||   "IOMatchedAtBoot" = Yes
|||   "IOMatchCategory" = "AppleUSBHostResources"
|||   "UsbSmcBusCurrentPoolID" = 0xfffffffefffffda2
|||   "UsbBusCurrentPoolID" = 0x10000025d
|||   "IOGeneralInterest" = "IOCommand is not serializable"
|||   "IOPersonalityPublisher" = "com.apple.iokit.IOUSBHostFamily"
|||   "CFBundleIdentifierKernel" = "com.apple.iokit.IOUSBHostFamily"
|||}
|||
|| +-o AppleUSBHostResourcesClient  <class AppleUSBHostResourcesClient, id 0x100000273, !registered, !matched,
active, busy 0, retain 5>
||   {
||     "IOProbeScore" = 0x1
||     "CFBundleIdentifier" = "com.apple.iokit.IOUSBHostFamily"
||     "IOProviderClass" = "AppleUSBHostResources"
||     "IOClass" = "AppleUSBHostResourcesClient"
||     "IOPersonalityPublisher" = "com.apple.iokit.IOUSBHostFamily"
||     "CFBundleIdentifierKernel" = "com.apple.iokit.IOUSBHostFamily"
||     "IOMatchedAtBoot" = Yes
||     "IOMatchCategory" = "IODefaultMatchCategory"
```

```
|| }
||
| +-o AppleUSBUserHCIResources  <class AppleUSBUserHCIResources, id 0x100000266, registered, matched, active,
busy 0 (1 ms), retain 5>
|| {
||   "IOProbeScore" = 0x0
||   "CFBundleIdentifier" = "com.apple.driver.usb.AppleUSBUserHCI"
||   "IOMatchCategory" = "AppleUSBUserHCIResources"
||   "IOClass" = "AppleUSBUserHCIResources"
||   "IOPersonalityPublisher" = "com.apple.driver.usb.AppleUSBUserHCI"
||   "IOProviderClass" = "IOResources"
||   "CFBundleIdentifierKernel" = "com.apple.driver.usb.AppleUSBUserHCI"
||   "IOMatchedAtBoot" = Yes
||   "IOResourceMatch" = "IOKit"
|| }
||
| +-o IOUSBMassStorageResource  <class IOUSBMassStorageResource, id 0x100000267, registered, matched, active,
busy 0 (1 ms), retain 5>
|| {
||   "IOClass" = "IOUSBMassStorageResource"
||   "CFBundleIdentifier" = "com.apple.iokit.IOUSBMassStorageDriver"
||   "IOProviderClass" = "IOResources"
||   "IOUserClientClass" = "IOUSBMassStorageUserClient"
||   "IOResourceMatch" = "IOKit"
||   "IOProbeScore" = 0x0
||   "IOMatchedAtBoot" = Yes
||   "IOMatchCategory" = "IOUSBMassStorageResource"
||   "Devices Referenced" = 0x0
||   "Device Stats" = {}
||   "IOPersonalityPublisher" = "com.apple.iokit.IOUSBMassStorageDriver"
||   "CFBundleIdentifierKernel" = "com.apple.iokit.IOUSBMassStorageDriver"
|| }
||
| +-o IOUserEthernetResource  <class IOUserEthernetResource, id 0x100000268, registered, matched, active, busy 0 (0
ms), retain 5>
|| {
||   "IOProbeScore" = 0x0
||   "CFBundleIdentifier" = "com.apple.iokit.IOUserEthernet"
||   "IOMatchCategory" = "IOUserEthernetResource"
||   "IOClass" = "IOUserEthernetResource"
||   "IOPersonalityPublisher" = "com.apple.iokit.IOUserEthernet"
||   "IOProviderClass" = "IOResources"
||   "CFBundleIdentifierKernel" = "com.apple.iokit.IOUserEthernet"
||   "IOMatchedAtBoot" = Yes
||   "IOUserClientClass" = "IOUserEthernetResourceUserClient"
||   "IOResourceMatch" = "IOKit"
|| }
||
| +-o IOTimeSyncRootService  <class IOTimeSyncRootService, id 0x100000355, registered, matched, active, busy 0
(528 ms), retain 7>
||| {
|||   "IOProbeScore" = 0x0
|||   "CFBundleIdentifier" = "com.apple.iokit.IOTimeSyncFamily"
|||   "IOMatchCategory" = "IOTimeSyncRootService"
|||   "IOClass" = "IOTimeSyncRootService"
|||   "IOPersonalityPublisher" = "com.apple.iokit.IOTimeSyncFamily"
|||   "IOProviderClass" = "IOResources"
|||   "CFBundleIdentifierKernel" = "com.apple.iokit.IOTimeSyncFamily"
|||   "IOMatchedAtBoot" = Yes
||| }
|||
|| +-o IOTimeSyncClockManager  <class IOTimeSyncClockManager, id 0x100000356, registered, matched, active, busy
0 (7 ms), retain 20>
||||| {
|||||   "IOClass" = "IOTimeSyncClockManager"
|||||   "CFBundleIdentifier" = "com.apple.iokit.IOTimeSyncFamily"
|||||   "IOProviderClass" = "IOTimeSyncRootService"
|||||   "TimeSyncTimeCoreAudioClockDomain" = 0x63690000
|||||   "TranslationClockID" = 0xd457631f9ad90001
|||||   "IOUserClientClass" = "IOTimeSyncClockManagerUserClient"
|||||   "TimeSyncTimeClockID" = 0xd457631f9ad90000
|||||   "IOProbeScore" = 0x0
|||||   "IOMatchedAtBoot" = Yes
|||||   "WantsgPTPServices" = Yes
|||||   "IOMatchCategory" = "IOTimeSyncClockManager"
|||||   "IOPersonalityPublisher" = "com.apple.iokit.IOTimeSyncFamily"
|||||   "CFBundleIdentifierKernel" = "com.apple.iokit.IOTimeSyncFamily"
||||| }
|||||
||| +-o IOTimeSyncTranslationPMGR  <class IOTimeSyncTranslationPMGR, id 0x100000358, registered, matched,
active, busy 0 (0 ms), retain 33>
||||| {
|||||   "NominalTimeSyncInterval" = 0x1dcd6500
|||||   "TimeToLock" = 0x1f2
|||||   "NominalDomainInterval" = 0x1dcd6500
|||||   "NominalMachInterval" = 0x0
|||||   "IOGeneralInterest" = "IOCommand is not serializable"
|||||   "FilterShift" = 0x4
|||||   "Adaptive" = No
|||||   "IOUserClientClass" = "IOTimeSyncUserClient"
```

```
| | | | |   "ClockLockState" = 0x2
| | | | |   "ClockIdentifier" = 0xd457631f9ad90001
| | | | | }
| | | | |
| | | | +-o IOTimeSyncServiceDaemonClient  <class IOTimeSyncServiceDaemonClient, id 0x100000ba7, !registered, !
matched, active, busy 0, retain 6>
| | | | |   {
| | | | |   }
| | | | |
| | | | +-o IOTimeSyncServiceDaemonClient  <class IOTimeSyncServiceDaemonClient, id 0x100000bac, !registered, !
matched, active, busy 0, retain 6>
| | | | |   {
| | | | |   }
| | | | |
| | | | +-o IOTimeSyncServiceDaemonClient  <class IOTimeSyncServiceDaemonClient, id 0x100000bad, !registered, !
matched, active, busy 0, retain 6>
| | | | |   {
| | | | |   }
| | | | |
| | | | +-o IOTimeSyncServiceDaemonClient  <class IOTimeSyncServiceDaemonClient, id 0x100000baf, !registered, !
matched, active, busy 0, retain 6>
| | | | |   {
| | | | |   }
| | | | |
| | | | +-o IOTimeSyncSyncDaemonClient  <class IOTimeSyncSyncDaemonClient, id 0x100000bb1, !registered, !matched,
active, busy 0, retain 6>
| | | | |   {
| | | | |   }
| | | | |
| | | | +-o IOTimeSyncServiceDaemonClient  <class IOTimeSyncServiceDaemonClient, id 0x100001e3b, !registered, !
matched, active, busy 0, retain 6>
| | | | |   {
| | | | |   }
| | | | |
| | | | +-o IOTimeSyncServiceDaemonClient  <class IOTimeSyncServiceDaemonClient, id 0x100001e3c, !registered, !
matched, active, busy 0, retain 6>
| | | | |   {
| | | | |   }
| | | | |
| | | | +-o IOTimeSyncServiceDaemonClient  <class IOTimeSyncServiceDaemonClient, id 0x100001e3d, !registered, !
matched, active, busy 0, retain 6>
| | | | |   {
| | | | |   }
| | | | |
| | | | +-o IOTimeSyncSyncDaemonClient  <class IOTimeSyncSyncDaemonClient, id 0x100001e3e, !registered, !matched,
active, busy 0, retain 6>
| | | |   {
| | | |   }
| | | |
| | | +-o IOTimeSyncClockManagerDaemonClient  <class IOTimeSyncClockManagerDaemonClient, id 0x100000ba6, !
registered, !matched, active, busy 0, retain 5>
| | | |   {
| | | |   }
| | | |
| | | +-o IOTimeSyncgPTPManager  <class IOTimeSyncgPTPManager, id 0x100000ba8, registered, matched, active, busy
0 (0 ms), retain 11>
| | | | | {
| | | | |   "IOClass" = "IOTimeSyncgPTPManager"
| | | | |   "CFBundleIdentifier" = "com.apple.plugin.IOgPTPPlugin"
| | | | |   "IOProviderClass" = "IOTimeSyncClockManager"
| | | | |   "IOPropertyMatch" = {"WantsgPTPServices"=Yes}
| | | | |   "TemperatureSensor" = {"J416s"="PMU tdev2","J416c"="PMU tdev2","J493"="PMU tdev7","J316s"="PMU
tdev2","J316c"="PMU tdev2","J274"="PMU tdev8","J375c"="PMU tdev2","J457"="PMU tdev8","J473"="PMU
tdev8","J293"="PMU tdev7","J413"="PMU tdev5","J414s"="PMU tdev2","J414c"="PMU tdev2","J313"="PMU
tdev5","J375d"="PMU tdev2","J314s"="PMU tdev2","J314c"="PMU tdev2","J456"="PMU tdev8"}
| | | | |   "IOUserClientClass" = "IOTimeSyncgPTPManagerUserClient"
| | | | |   "IOProbeScore" = 0x0
| | | | |   "IOMatchedAtBoot" = Yes
| | | | |   "SystemDomainIdentifier" = 0xd457631f9ad90008
| | | | |   "IOMatchCategory" = "IOTimeSyncgPTPManager"
| | | | |   "TemperatureSensorName" = "PMU tdev5"
| | | | |   "IOPersonalityPublisher" = "com.apple.plugin.IOgPTPPlugin"
| | | | |   "CFBundleIdentifierKernel" = "com.apple.plugin.IOgPTPPlugin"
| | | | | }
| | | | |
| | | | +-o IOTimeSyncDomain  <class IOTimeSyncDomain, id 0x100000ba9, registered, matched, active, busy 0 (0 ms),
retain 11>
| | | | | | {
| | | | | |   "GrandmasterID" = 0xd457631f9ad90008
| | | | | |   "TimeToLock" = 0x0
| | | | | |   "ASPath" = (0xd457631f9ad90008)
| | | | | |   "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | |   "TimeToChangeGrandmaster" = 0x1f
| | | | | |   "ClockIdentity" = 0xd457631f9ad90008
| | | | | |   "IOUserClientClass" = "IOTimeSyncDomainUserClient"
| | | | | |   "ClockLockState" = 0x2
| | | | | |   "GrandmasterChangesCounter" = 0x1
| | | | | |   "ClockIdentifier" = 0xd457631f9ad90008
| | | | | | }
| | | | | |
```

```
||||| +-o IOTimeSyncTimeSyncTimePort  <class IOTimeSyncTimeSyncTimePort, id 0x100000baa, registered, matched,
active, busy 0 (0 ms), retain 7>
|||||| {
||||||     "GeneratedSyncCounter" = 0x71925
||||||     "IOGeneralInterest" = "IOCommand is not serializable"
||||||     "PortNumber" = 0x0
||||||     "ReceivedTimeSource" = 0xa0
||||||     "ClockPriority1" = 0xfa
||||||     "BatteryPowered" = Yes
||||||     "ClockAccuracy" = 0x21
||||||     "LocalFrequencyStabilityLower" = 0xfffffffffffd8f0
||||||     "LocalOscillatorType" = 0x1
||||||     "GrandmasterID" = 0xd457631f9ad90008
||||||     "ClockClass" = 0xf8
||||||     "ExternalPowerConnected" = No
||||||     "HasWiFiHardwareTimestamping" = No
||||||     "StepsRemoved" = 0x0
||||||     "LocalFrequencyStabilityUpper" = 0x2710
||||||     "OffsetScaledLogVariance" = 0x436a
||||||     "ReceivedClockPriority1" = 0xfa
||||||     "TimeSource" = 0xa0
||||||     "ReceivedClockClass" = 0xf8
||||||     "ReceivedOffsetScaledLogVariance" = 0x436a
||||||     "ReceivedClockPriority2" = 0xf0
||||||     "ReceivedClockAccuracy" = 0x21
||||||     "ReceivedGrandmasterID" = 0xd457631f9ad90008
||||||     "LocalFrequencyToleranceLower" = 0xfffffffffffd8f0
||||||     "ClockIdentifier" = 0xd457631f9ad90008
||||||     "LocalFrequencyToleranceUpper" = 0x2710
||||||     "HasWiredEthernetLinkActive" = Yes
||||||     "ReceivedStepsRemoved" = 0x0
||||||     "ClockPriority2" = 0xf0
||||||     "PortRole" = 0x2
||||||     "HasEthernetHardwareTimestamping" = No
|||||| }
||||||
||||| +-o IOTimeSyncDomainDaemonClient  <class IOTimeSyncDomainDaemonClient, id 0x100000bae, !registered, !
matched, active, busy 0, retain 7>
|||||   {
|||||   }
|||||
|||| +-o IOTimeSyncgPTPManagerDaemonClient  <class IOTimeSyncgPTPManagerDaemonClient, id 0x100000bb0, !
registered, !matched, active, busy 0, retain 5>
||||   {
||||   }
||||
||| +-o IOTimeSyncClockManagerDaemonClient  <class IOTimeSyncClockManagerDaemonClient, id 0x100000bab, !
registered, !matched, active, busy 0, retain 5>
||||  {
||||  }
||||
||| +-o IOTimeSyncClockManagerDaemonClient  <class IOTimeSyncClockManagerDaemonClient, id 0x100001e3a, !
registered, !matched, active, busy 0, retain 5>
|||   {
|||   }
|||
|| +-o IOTimeSyncDaemonService  <class IOTimeSyncDaemonService, id 0x100000357, registered, matched, active,
busy 0 (0 ms), retain 21>
|| |{
|| |   "IOProbeScore" = 0x0
|| |   "CFBundleIdentifier" = "com.apple.plugin.IOgPTPPlugin"
|| |   "IOMatchCategory" = "IOTimeSyncDaemonService"
|| |   "IOClass" = "IOTimeSyncDaemonService"
|| |   "IOPersonalityPublisher" = "com.apple.plugin.IOgPTPPlugin"
|| |   "IOProviderClass" = "IOTimeSyncRootService"
|| |   "CFBundleIdentifierKernel" = "com.apple.plugin.IOgPTPPlugin"
|| |   "IOMatchedAtBoot" = Yes
|| |   "IOUserClientClass" = "IOTimeSyncDaemonUserClient"
|| |   "IOTimeSyncDaemonClientEntryIDMatching" = Yes
|| |}
|| |
|| +-o IOTimeSyncDaemonUserClient  <class IOTimeSyncDaemonUserClient, id 0x100000ba5, !registered, !matched,
active, busy 0, retain 6>
||   {
||     "IOUserClientDefaultLocking" = Yes
||     "IOUserClientCreator" = "pid 514, audioclocksyncd"
||     "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
||     "IOUserClientEntitlements" = "com.apple.private.timesync.clocksync"
||     "IOUserClientDefaultLockingSetProperties" = Yes
||   }
||
| +-o com_apple_AppleFSCompression_AppleFSCompressionTypeDataless  <class
com_apple_AppleFSCompression_AppleFSCompressionTypeDataless, id 0x1000005fb, !registered, !matched, active, busy
0, retain 4>
||  {
||     "IOProbeScore" = 0x0
||     "CFBundleIdentifier" = "com.apple.AppleFSCompression.AppleFSCompressionTypeDataless"
||     "IOMatchCategory" = "com_apple_AppleFSCompression_AppleFSCompressionTypeDataless"
||     "IOClass" = "com_apple_AppleFSCompression_AppleFSCompressionTypeDataless"
||     "IOPersonalityPublisher" = "com.apple.AppleFSCompression.AppleFSCompressionTypeDataless"
```

```
||    "IOProviderClass" = "IOResources"
||    "com.apple.AppleFSCompression.providesType5" = Yes
||    "CFBundleIdentifierKernel" = "com.apple.AppleFSCompression.AppleFSCompressionTypeDataless"
||    "IOMatchedAtBoot" = Yes
||    "IOResourceMatch" = "IOBSD"
||  }
||
| +-o com_apple_AppleFSCompression_AppleFSCompressionTypeZlib  <class
com_apple_AppleFSCompression_AppleFSCompressionTypeZlib, id 0x1000005fc, !registered, !matched, active, busy 0,
retain 4>
||  {
||    "IOClass" = "com_apple_AppleFSCompression_AppleFSCompressionTypeZlib"
||    "CFBundleIdentifier" = "com.apple.AppleFSCompression.AppleFSCompressionTypeZlib"
||    "IOProviderClass" = "IOResources"
||    "com.apple.AppleFSCompression.providesType7" = Yes
||    "IOResourceMatch" = "IOBSD"
||    "com.apple.AppleFSCompression.providesType9" = Yes
||    "IOProbeScore" = 0x0
||    "IOMatchCategory" = "com_apple_AppleFSCompression_AppleFSCompressionTypeZlib"
||    "com.apple.AppleFSCompression.providesType4" = Yes
||    "IOMatchedAtBoot" = Yes
||    "IOPersonalityPublisher" = "com.apple.AppleFSCompression.AppleFSCompressionTypeZlib"
||    "com.apple.AppleFSCompression.providesType10" = Yes
||    "com.apple.AppleFSCompression.providesType8" = Yes
||    "com.apple.AppleFSCompression.providesType11" = Yes
||    "CFBundleIdentifierKernel" = "com.apple.AppleFSCompression.AppleFSCompressionTypeZlib"
||    "com.apple.AppleFSCompression.providesType12" = Yes
||    "com.apple.AppleFSCompression.providesType3" = Yes
||  }
||
| +-o AppleMobileFileIntegrity  <class AppleMobileFileIntegrity, id 0x1000005fd, registered, matched, active, busy 0 (56
ms), retain 7>
||  {
||    "IOProbeScore" = 0x0
||    "CFBundleIdentifier" = "com.apple.driver.AppleMobileFileIntegrity"
||    "IOMatchCategory" = "AppleMobileFileIntegrity"
||    "IOClass" = "AppleMobileFileIntegrity"
||    "IOPersonalityPublisher" = "com.apple.driver.AppleMobileFileIntegrity"
||    "IOProviderClass" = "IOResources"
||    "CFBundleIdentifierKernel" = "com.apple.driver.AppleMobileFileIntegrity"
||    "IOMatchedAtBoot" = Yes
||    "IOUserClientClass" = "AppleMobileFileIntegrityUserClient"
||    "IOResourceMatch" = "IOBSD"
||  }
||
| +-o AppleGCResource  <class AppleGCResource, id 0x1000005ff, registered, matched, active, busy 0 (3 ms), retain 5>
||  {
||    "IOProbeScore" = 0x0
||    "CFBundleIdentifier" = "com.apple.driver.AppleSyntheticGameController"
||    "IOCFPlugInTypesOverride" = {"7DDEECA8-
A7B4-11DA-8A0E-0014519758EF"="AppleSyntheticGameController.kext/Contents/PlugIns/
AppleSyntheticGameController.plugin","FA12FA38-6F1A-11D4-
BA0C-0005028F18D5"="AppleSyntheticGameController.kext/Contents/PlugIns/AppleSyntheticGameController.plugin"}
||    "IOClass" = "AppleGCResource"
||    "IOMatchCategory" = "AppleGCResource"
||    "IOPersonalityPublisher" = "com.apple.driver.AppleSyntheticGameController"
||    "IOProviderClass" = "IOResources"
||    "CFBundleIdentifierKernel" = "com.apple.driver.AppleSyntheticGameController"
||    "IOUserClientClass" = "AppleGCResourceDeviceUserClient"
||    "IOMatchedAtBoot" = Yes
||    "IOResourceMatch" = "IOBSD"
||  }
||
| +-o AppleSystemPolicy  <class AppleSystemPolicy, id 0x100000601, registered, matched, active, busy 0 (36 ms),
retain 8>
|||{
|||  "IOProbeScore" = 0x0
|||  "CFBundleIdentifier" = "com.apple.AppleSystemPolicy"
|||  "IOMatchCategory" = "AppleSystemPolicy"
|||  "IOClass" = "AppleSystemPolicy"
|||  "IOPersonalityPublisher" = "com.apple.AppleSystemPolicy"
|||  "IOProviderClass" = "IOResources"
|||  "CFBundleIdentifierKernel" = "com.apple.AppleSystemPolicy"
|||  "IOMatchedAtBoot" = Yes
|||  "IOUserClientClass" = "AppleSystemPolicyUserClient"
|||  "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|||  "IOResourceMatch" = "IOBSD"
|||}
|||
|| +-o AppleSystemPolicyUserClient  <class AppleSystemPolicyUserClient, id 0x100000ba1, !registered, !matched,
active, busy 0, retain 5>
|||  {
|||    "IOUserClientCreator" = "pid 509, syspolicyd"
|||    "IOUserClientDefaultLocking" = Yes
|||  }
|||
|| +-o AppleSystemPolicyUserClient  <class AppleSystemPolicyUserClient, id 0x100000bd7, !registered, !matched,
active, busy 0, retain 5>
||  {
||    "IOUserClientCreator" = "pid 509, syspolicyd"
```

```
||     "IOUserClientDefaultLocking" = Yes
||   }
||
| +-o com_apple_BootCache  <class com_apple_BootCache, id 0x100000602, !registered, !matched, active, busy 0,
retain 4>
||   {
||     "IOProbeScore" = 0x0
||     "CFBundleIdentifier" = "com.apple.BootCache"
||     "IOMatchCategory" = "com_apple_BootCache"
||     "IOClass" = "com_apple_BootCache"
||     "IOPersonalityPublisher" = "com.apple.BootCache"
||     "IOProviderClass" = "IOResources"
||     "CFBundleIdentifierKernel" = "com.apple.BootCache"
||     "IOMatchedAtBoot" = Yes
||     "IOResourceMatch" = "IOBSD"
||   }
||
| +-o BootPolicy  <class BootPolicy, id 0x100000603, registered, matched, active, busy 0 (311 ms), retain 14>
|||{
|||   "IOProbeScore" = 0x0
|||   "CFBundleIdentifier" = "com.apple.security.BootPolicy"
|||   "IOMatchCategory" = "BootPolicy"
|||   "IOClass" = "BootPolicy"
|||   "IOPersonalityPublisher" = "com.apple.security.BootPolicy"
|||   "IOProviderClass" = "IOResources"
|||   "CFBundleIdentifierKernel" = "com.apple.security.BootPolicy"
|||   "IOMatchedAtBoot" = Yes
|||   "IOUserClientClass" = "BootPolicyUserClient"
|||   "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|||   "IOResourceMatch" = "IOBSD"
|||}
|||
|| +-o BootPolicyUserClient  <class BootPolicyUserClient, id 0x100000b97, !registered, !matched, active, busy 0, retain
5>
|||   {
|||     "IOUserClientDefaultLocking" = Yes
|||     "IOUserClientCreator" = "pid 344, kernelmanagerd"
|||     "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|||     "IOUserClientEntitlements" = No
|||     "IOUserClientDefaultLockingSetProperties" = Yes
|||   }
|||
|| +-o BootPolicyUserClient  <class BootPolicyUserClient, id 0x100000ba2, !registered, !matched, active, busy 0, retain
5>
|||   {
|||     "IOUserClientDefaultLocking" = Yes
|||     "IOUserClientCreator" = "pid 509, syspolicyd"
|||     "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|||     "IOUserClientEntitlements" = No
|||     "IOUserClientDefaultLockingSetProperties" = Yes
|||   }
|||
|| +-o BootPolicyUserClient  <class BootPolicyUserClient, id 0x100001029, !registered, !matched, active, busy 0, retain
5>
|||   {
|||     "IOUserClientDefaultLocking" = Yes
|||     "IOUserClientCreator" = "pid 327, powerd"
|||     "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|||     "IOUserClientEntitlements" = No
|||     "IOUserClientDefaultLockingSetProperties" = Yes
|||   }
|||
|| +-o BootPolicyUserClient  <class BootPolicyUserClient, id 0x10000a1ac, !registered, !matched, active, busy 0, retain
5>
|||   {
|||     "IOUserClientDefaultLocking" = Yes
|||     "IOUserClientCreator" = "pid 12147, mobileassetd"
|||     "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|||     "IOUserClientEntitlements" = No
|||     "IOUserClientDefaultLockingSetProperties" = Yes
|||   }
|||
|| +-o BootPolicyUserClient  <class BootPolicyUserClient, id 0x10000a713, !registered, !matched, active, busy 0, retain
5>
|||   {
|||     "IOUserClientDefaultLocking" = Yes
|||     "IOUserClientCreator" = "pid 13845, mobileactivation"
|||     "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|||     "IOUserClientEntitlements" = No
|||     "IOUserClientDefaultLockingSetProperties" = Yes
|||   }
|||
|| +-o BootPolicyUserClient  <class BootPolicyUserClient, id 0x10000a722, !registered, !matched, active, busy 0, retain
5>
|||   {
|||     "IOUserClientDefaultLocking" = Yes
|||     "IOUserClientCreator" = "pid 13856, softwareupdated"
|||     "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|||     "IOUserClientEntitlements" = No
|||     "IOUserClientDefaultLockingSetProperties" = Yes
```

```
||| }
|||
|| +-o BootPolicyUserClient  <class BootPolicyUserClient, id 0x10000a724, !registered, !matched, active, busy 0, retain
5>
||| {
|||   "IOUserClientDefaultLocking" = Yes
|||   "IOUserClientCreator" = "pid 13855, AboutExtension"
|||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
|||   "IOUserClientEntitlements" = No
|||   "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o BootPolicyUserClient  <class BootPolicyUserClient, id 0x10000a732, !registered, !matched, active, busy 0, retain
5>
||   {
||     "IOUserClientDefaultLocking" = Yes
||     "IOUserClientCreator" = "pid 13871, com.apple.Mobile"
||     "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
||     "IOUserClientEntitlements" = No
||     "IOUserClientDefaultLockingSetProperties" = Yes
||   }
||
| +-o com_apple_filesystems_hfs  <class com_apple_filesystems_hfs, id 0x100000604, !registered, !matched, active,
busy 0, retain 4>
||   {
||     "IOProbeScore" = 0x0
||     "CFBundleIdentifier" = "com.apple.filesystems.hfs.kext"
||     "IOMatchCategory" = "com_apple_filesystems_hfs"
||     "IOClass" = "com_apple_filesystems_hfs"
||     "IOPersonalityPublisher" = "com.apple.filesystems.hfs.kext"
||     "IOProviderClass" = "IOResources"
||     "CFBundleIdentifierKernel" = "com.apple.filesystems.hfs.kext"
||     "IOMatchedAtBoot" = Yes
||     "IOResourceMatch" = "IOBSD"
||   }
||
| +-o com_apple_filesystems_hfs_encodings  <class com_apple_filesystems_hfs_encodings, id 0x100000605, !
registered, !matched, active, busy 0, retain 4>
||   {
||     "IOProbeScore" = 0x0
||     "CFBundleIdentifier" = "com.apple.filesystems.hfs.encodings.kext"
||     "IOMatchCategory" = "com_apple_filesystems_hfs_encodings"
||     "IOClass" = "com_apple_filesystems_hfs_encodings"
||     "IOPersonalityPublisher" = "com.apple.filesystems.hfs.encodings.kext"
||     "IOProviderClass" = "IOResources"
||     "CFBundleIdentifierKernel" = "com.apple.filesystems.hfs.encodings.kext"
||     "IOMatchedAtBoot" = Yes
||     "IOResourceMatch" = "IOBSD"
||   }
||
| +-o IOHIDResource  <class IOHIDResource, id 0x100000606, registered, matched, active, busy 0 (891 ms), retain 11>
||| {
|||   "IOProbeScore" = 0x0
|||   "CFBundleIdentifier" = "com.apple.iokit.IOHIDFamily"
|||   "IOMatchCategory" = "IOHIDResource"
|||   "IOClass" = "IOHIDResource"
|||   "IOPersonalityPublisher" = "com.apple.iokit.IOHIDFamily"
|||   "IOProviderClass" = "IOResources"
|||   "CFBundleIdentifierKernel" = "com.apple.iokit.IOHIDFamily"
|||   "IOMatchedAtBoot" = Yes
|||   "IOUserClientClass" = "IOHIDResourceDeviceUserClient"
|||   "IOResourceMatch" = "IOBSD"
||| }
|||
|| +-o IOHIDResourceDeviceUserClient  <class IOHIDResourceDeviceUserClient, id 0x100000b72, !registered, !matched,
active, busy 0 (2 ms), retain 7>
|||| {
||||   "IOUserClientDefaultLocking" = Yes
||||   "IOUserClientCreator" = "pid 385, WindowServer"
||||   "IOHIDUserDeviceDebugState" =
{"MaxClientTimeoutUS"=0xf4240,"ReportQueue"={"EnqueueTimestamp"=0x3c92d96949a,"tail"=0xfe8,"QueueSize"=0x4
000,"head"=0xfe8},"SetReportCount"=0x543,"SetReportCompletedCount"=0x543}
||||   "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
||||   "IOUserClientEntitlements" = No
||||   "IOUserClientDefaultLockingSetProperties" = Yes
|||| }
||||
||| +-o IOHIDUserDevice  <class IOHIDUserDevice, id 0x100000b73, registered, matched, active, busy 0 (2 ms), retain
10>
||| | {
||| |   "HIDVirtualDevice" = Yes
||| |   "Transport" = "USB"
||| |   "Built-In" = Yes
||| |   "Product" = "Keyboard Backlight"
||| |   "KeyboardUniqueID" = 0x5ac0281
||| |   "HIDDefaultBehavior" = Yes
||| |   "MaxInputReportSize" = 0x1
||| |   "IOReportLegendPublic" = Yes
||| |   "Privileged" = Yes
||| |   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0xf})
```

||| | "ReportDescriptor" =
<0600ff0a0f00a101850167e1000001550d0670ff0901166400026443975209501b1420902660110550d150027ffff0000752
09501b14285030903150025017508950b1b1420904660110550d150027ffff000075209501b142c0>
||| | "MaxOutputReportSize" = 0x1
||| | "IOUserClientClass" = "IOHIDLibUserClient"
||| | "IOCFPlugInTypes" = {"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
||| | "VendorID" = 0x5ac
||| | "PrimaryUsage" = 0xf
||| | "ProductID" = 0x281
||| | "Elements" =
({"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"Elements"=({"VariableSiz
e"=0x0,"UnitExponent"=0xd,"IsRelative"=No,"UsagePage"=0xff70,"Max"=0x3944,"IsArray"=No,"Type"=0x101,"Size"=0x20,
"Min"=0x64,"Flags"=0x42,"ReportID"=0x1,"Usage"=0x1,"ReportCount"=0x1,"Unit"=0x10000e1,"HasNullState"=Yes,"Report
Size"=0x20,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x64,"IsWrapping"=No,"ScaledMax"=0x3944,"Eleme
ntCookie"=0x8},{"VariableSize"=0x0,"UnitExponent"=0xd,"IsRelative"=No,"$
||| | "IOGeneralInterest" = "IOCommand is not serializable"
||| | "PrimaryUsagePage" = 0xff00
||| | "IOReportLegend" = ({"IOReportGroupName"="IOHIDDevice Input Report
Errors","IOReportChannels"=((0x1,0x100020001,"Report 1"),(0x3,0x100020001,"Report
3")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="Input Report IDs"})
||| | "ReportInterval" = 0x1f40
||| | "MaxFeatureReportSize" = 0x9
||| | "InputReportElements" =
({"ReportID"=0x1,"ElementCookie"=0xc,"Size"=0x8,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x0,
"ReportSize"=0x8,"Usage"=0x0},
{"ReportID"=0x3,"ElementCookie"=0xd,"Size"=0x8,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x0,"
ReportSize"=0x8,"Usage"=0x0})
||| |}
||| |
||| +-o IOHIDInterface <class IOHIDInterface, id 0x100000b75, registered, matched, active, busy 0 (2 ms), retain 6>
||| | {
||| | "MaxOutputReportSize" = 0x1
||| | "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
||| | "VendorID" = 0x5ac
||| | "IOServiceDEXTEntitlements" =
(("com.apple.developer.driverkit.transport.hid","com.apple.developer.driverkit.builtin"))
||| | "Product" = "Keyboard Backlight"
||| | "PrimaryUsage" = 0xf
||| | "ProductID" = 0x281
||| | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0xf})
||| | "Transport" = "USB"
||| | "ReportInterval" = 0x1f40
||| | "ReportDescriptor" =
<0600ff0a0f00a101850167e1000001550d0670ff0901166400026443975209501b1420902660110550d150027ffff0000752
09501b14285030903150025017508950b1b1420904660110550d150027ffff000075209501b142c0>
||| | "HIDDefaultBehavior" = Yes
||| | "PrimaryUsagePage" = 0xff00
||| | "MaxFeatureReportSize" = 0x9
||| | "Built-In" = Yes
||| | "MaxInputReportSize" = 0x1
||| | }
||| |
||| +-o IOHIDLibUserClient <class IOHIDLibUserClient, id 0x100000b92, !registered, !matched, active, busy 0, retain
6>
||| {
||| "IOUserClientDefaultLockingSetProperties" = Yes
||| "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
||| "IOUserClientEntitlements" = No
||| "IOUserClientMessageAppSuspended" = Yes
||| "IOUserClientDefaultLocking" = Yes
||| "IOUserClientCreator" = "pid 380, corebrightnessd"
||| "DebugState" =
{"ClientSeized"=No,"ClientOptions"=0x0,"Privileged"=Yes,"SetReportErrCnt"=0x0,"SetReportCnt"=0x0,"GetReportErrCnt"
=0x0,"MaxEnqueueReportSize"=0x2000,"ClientOpened"=Yes,"ClientSuspended"=No,"GetReportCnt"=0x0,"EventQueueMa
p"=()}
||| }
|||
|| +-o IOHIDResourceDeviceUserClient <class IOHIDResourceDeviceUserClient, id 0x10000a51d, !registered, !matched,
active, busy 0 (10 ms), retain 7>
||||{
|||| "IOUserClientDefaultLocking" = Yes
|||| "IOUserClientCreator" = "pid 385, WindowServer"
|||| "IOHIDUserDeviceDebugState" =
{"MaxClientTimeoutUS"=0xf4240,"ReportQueue"={"EnqueueTimestamp"=0x3b37e8ea17b,"tail"=0x24,"QueueSize"=0x400
0,"head"=0x24},"SetReportCount"=0x1,"SetReportCompletedCount"=0x1}
|||| "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||| "IOUserClientEntitlements" = No
|||| "IOUserClientDefaultLockingSetProperties" = Yes
||||}
||||
|||+-o IOHIDUserDevice <class IOHIDUserDevice, id 0x10000a51e, registered, matched, active, busy 0 (10 ms), retain
9>
||| |{
||| | "PrimaryUsagePage" = 0xff0c
||| | "MaxInputReportSize" = 0xbf
||| | "IOUserClientClass" = "IOHIDLibUserClient"
||| | "VersionNumber" = 0x1

```
||| | "BT_ADDR" = <ec46545efeee>
||| | "VendorID" = 0x5ac
||| | "ReportDescriptor" =
<060cff0911a1010600ff0923a10085010615ff090495017540810206 0cff090d76b00581028502090e8102c0850105200a0
e037520b10285020a1b03b1020615ff0a01008503b102850405200a1a03b10285ff0615ff0a2000750895e0b102c0>
||| | "AccessoryService" = "devmotion6"
||| | "HIDUserDeviceCreateInactive" = Yes
||| | "HIDVirtualDevice" = Yes
||| | "MaxFeatureReportSize" = 0xe1
||| | "MaxReportSize" = 0xbf
||| | "SerialNumber" = "H2KHBM0MNHH0000B32"
||| | "CFG#" = "B768/MP/2443VDR7/*/*"
||| | "Transport" = "BT-AACP"
||| | "Elements" =
({"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"Elements"=({"ReportID"=
0x0,"ElementCookie"=0x2,"CollectionType"=0x0,"Type"=0x201,"VariableSize"=0x0,"Elements"=({"VariableSize"=0x100000
0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0xff15,"Max"=0x0,"IsArray"=No,"Type"=0x1,"Size"=0x40,"Min"=0x0,"
Flags"=0x1000002,"ReportID"=0x1,"Usage"=0x4,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"ReportSize"=0x40,"H
asPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=N$
||| | "PrimaryVendorUsages" = 0xff0c000d
||| | "RegisterService" = No
||| | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff0c,"DeviceUsage"=0x11},
{"DeviceUsagePage"=0xff00,"DeviceUsage"=0x23})
||| | "Side" = 0x0
||| | "ReportInterval" = 0x0
||| | "H2HTransformation" = <104816ebaea2332d>
||| | "InputReportElements" =
({"ReportID"=0x1,"ElementCookie"=0x17,"Size"=0x5f8,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x3000000,"UsageP
age"=0x0,"ReportSize"=0x5f8,"Usage"=0x0},
{"ReportID"=0x2,"ElementCookie"=0x18,"Size"=0x5b8,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x3000000,"Usage
Page"=0x0,"ReportSize"=0x5b8,"Usage"=0x0},
{"ReportID"=0x3,"ElementCookie"=0x19,"Size"=0x8,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x0,
"ReportSize"=0x8,"Usage"=0x0},{"ReportID"=0x4,"ElementCookie"=0x1a,"Size"=0x8,"ReportCount"=$
||| | "Privileged" = Yes
||| | "MaxOutputReportSize" = 0x1
||| | "IOCFPlugInTypes" = {"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
||| | "ProtectedAccess" = Yes
||| | "LocationID" = 0x1
||| | "IOReportLegendPublic" = Yes
||| | "PrimaryUsage" = 0x11
||| | "RequestTimeout" = 0xf4240
||| | "HIDDefaultBehavior" = Yes
||| | "IOReportLegend" = ({"IOReportGroupName"="IOHIDDevice Input Report
Errors","IOReportChannels"=((0x1,0x100020001,"Report 1"),(0x2,0x100020001,"Report 2"),(0x3,0x100020001,"Report 3"),
(0x4,0x100020001,"Report 4"),(0xff,0x100020001,"Report
255")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="Input Report IDs"})
||| | "DeviceOpenedByEventSystem" = Yes
||| | "BR" = 0x1
||| | "ProtUpdate" = 0x1
||| |}
||| |
||| +-o IOHIDInterface  <class IOHIDInterface, id 0x10000a520, registered, matched, active, busy 0 (8 ms), retain 10>
||| |{
||| | "MaxOutputReportSize" = 0x1
||| | "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
||| | "DeviceOpenedByEventSystem" = Yes
||| | "VendorID" = 0x5ac
||| | "IOServiceDEXTEntitlements" = ("com.apple.developer.driverkit.transport.hid")
||| | "VersionNumber" = 0x1
||| | "PrimaryUsage" = 0x11
||| | "LocationID" = 0x1
||| | "IODEXTMatchCount" = 0x1
||| | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff0c,"DeviceUsage"=0x11},
{"DeviceUsagePage"=0xff00,"DeviceUsage"=0x23})
||| | "ProtectedAccess" = Yes
||| | "Transport" = "BT-AACP"
||| | "SerialNumber" = "H2KHBM0MNHH0000B32"
||| | "ReportInterval" = 0x0
||| | "ReportDescriptor" =
<060cff0911a1010600ff0923a10085010615ff090495017540810206 0cff090d76b00581028502090e8102c0850105200a0
e037520b10285020a1b03b1020615ff0a01008503b102850405200a1a03b10285ff0615ff0a2000750895e0b102c0>
||| | "PrimaryUsagePage" = 0xff0c
||| | "MaxFeatureReportSize" = 0xe1
||| | "HIDDefaultBehavior" = Yes
||| | "MaxInputReportSize" = 0xbf
||| |}
||| |
||| +-o AppleUserHIDEventDriver  <class AppleUserHIDEventService, id 0x10000a525, registered, matched, active,
busy 0 (1 ms), retain 16>
||| |{
||| | "kOSBundleDextUniqueIdentifier" =
<b796d15d9354eae826f370c78da5a69a0107352f2c064353231d0efec890df26>
||| | "PrimaryUsagePage" = 0xff0c
||| | "SensorProperties" =
{"SniffControl"={"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0xff15,"Max"=0x0,"IsArray"=No,"T
ype"=0x101,"Size"=0x20,"Min"=0x0,"Flags"=0x2,"ReportID"=0x3,"Usage"=0x1,"ReportCount"=0x1,"Unit"=0x0,"HasNullStat
e"=No,"ReportSize"=0x20,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0x
```

0,"ElementCookie"=0x14},"ReportInterval"={"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x20,"Max"=0x0,"IsArray"=No,"Type"=0x101,"Size"=0x20,"Min"=0x$
   ||| | "IOUserClientClass" = "IOHIDEventServiceUserClient"
   ||| | "VersionNumber" = 0x1
   ||| | "VendorID" = 0x5ac
   ||| | "IOUserServerOneProcess" = Yes
   ||| | "SerialNumber" = "H2KHBM0MNHH0000B32"
   ||| | "PrimaryVendorEvents" = (0xff140001,0xff140002,0xff140003)
   ||| | "Transport" = "BT-AACP"
   ||| | "PrimaryVendorMessage" =
{"Elements"=({"VariableSize"=0x1000000,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0xff0c,"Max"=0x0,"IsArray"=No,"Type"=0x1,"Size"=0x5b0,"Min"=0x0,"Flags"=0x1000002,"ReportID"=0x1,"Usage"=0xd,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"ReportSize"=0x5b0,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0x0,"ElementCookie"=0x10})}
   ||| | "IOServiceDEXTEntitlements" = "com.apple.developer.driverkit.family.hid.eventservice"
   ||| | "IOUserClasses" =
("AppleUserHIDEventDriver","AppleUserHIDEventService","IOUserHIDEventDriver","IOUserHIDEventService","IOHIDEventService","IOService","OSObject")
   ||| | "IOUserServerCDHash" = "85d8dcc838a8b05e57c0100225d2cdcb4c2086cc"
   ||| | "ProductID" = 0x0
   ||| | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff0c,"DeviceUsage"=0x11},
{"DeviceUsagePage"=0xff00,"DeviceUsage"=0x23})
   ||| | "RegisterService" = No
   ||| | "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x2,"CurrentPowerState"=0x2}
   ||| | "IOUserServerName" = "com.apple.driverkit.AppleUserHIDDrivers"
   ||| | "ReportInterval" = 0x0
   ||| | "ChildVendorMessage" =
{"Elements"=({"VariableSize"=0x1000000,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0xff15,"Max"=0x0,"IsArray"=No,"Type"=0x1,"Size"=0x40,"Min"=0x0,"Flags"=0x1000002,"ReportID"=0x1,"Usage"=0x4,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"ReportSize"=0x40,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0x0,"ElementCookie"=0xf},
{"VariableSize"=0x1000000,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0xff0c,"Max"=0x0,"IsArray"=No,"Type"=0x1,"Size"=0x5b0,"Min"=0x0,$
   ||| | "VendorIDSource" = 0x0
   ||| | "IOMatchedPersonality" =
{"IOClass"="AppleUserHIDEventService","CFBundleIdentifier"="com.apple.AppleUserHIDDrivers","IOProviderClass"="IOHIDInterface","PrimaryVendorEvents"=(0xff140001,0xff140002,0xff140003),"IOUserServerCDHash"="85d8dcc838a8b05e57c0100225d2cdcb4c2086cc","IOProbeScore"=0x1,"IOUserServerName"="com.apple.driverkit.AppleUserHIDDrivers","DeviceUsagePairs"=({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x23}),"HIDDefaultBehavior"="","kOSBundleDextUniqueIdentifier"=<b796d15d9354eae826f370c78da5a69a0107352f2c064353231d0$
   ||| | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,"FlipLeftAndRightEdgeGestures"=No,"JitterNoMove"=0x1,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"HIDInitialKeyRepeat"=0x1dcd6500,"HIDTrackpadScrollAcceleration"=0x5000,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"={"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x5})},"HIDPointerAcceleration"=0xb000,"NotificationCenterG$
   ||| | "CFBundleIdentifier" = "com.apple.AppleUserHIDDrivers"
   ||| | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
   ||| | "IOProviderClass" = "IOHIDInterface"
   ||| | "IOUserClass" = "AppleUserHIDEventDriver"
   ||| | "ProtectedAccess" = Yes
   ||| | "LocationID" = 0x1
   ||| | "CFBundleIdentifierKernel" = "com.apple.iokit.IOHIDFamily"
   ||| | "IOClass" = "AppleUserHIDEventService"
   ||| | "PrimaryUsage" = 0x11
   ||| | "HIDDefaultBehavior" = ""
   ||| | "CountryCode" = 0x0
   ||| | "SensorPropertySupported" = 0x17
   ||| | "IOMatchCategory" = "IODefaultMatchCategory"
   ||| | "StandardType" = 0x0
   ||| | "IOProbeScore" = 0x4b1
   ||| | "HIDServiceSupport" = Yes
   ||| | "IOGeneralInterest" = "IOCommand is not serializable"
   ||| | "HIDDKStart" = Yes
   ||| | }
   ||| |
   ||| +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x10000a529, !registered, !matched, active, busy 0, retain 6>
   ||| {
   ||| "IOUserClientDefaultLockingSetProperties" = Yes
   ||| "IOUserClientDefaultLocking" = Yes
   ||| "IOUserClientCreator" = "pid 385, WindowServer"
   ||| "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
   ||| "IOUserClientEntitlements" = No
   ||| "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
   ||| }
   |||
   || +-o IOHIDResourceDeviceUserClient <class IOHIDResourceDeviceUserClient, id 0x10000a521, !registered, !matched, active, busy 0 (7 ms), retain 7>
   || |{
   || | "IOUserClientDefaultLocking" = Yes
   || | "IOUserClientCreator" = "pid 385, WindowServer"
   || | "IOHIDUserDeviceDebugState" = {"ReportQueue"={"QueueSize"=0x4000},"MaxClientTimeoutUS"=0xf4240}
   || | "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
   || | "IOUserClientEntitlements" = No
   || | "IOUserClientDefaultLockingSetProperties" = Yes
   || |}
   || |

```
  || +-o IOHIDUserDevice  <class IOHIDUserDevice, id 0x10000a522, registered, matched, active, busy 0 (7 ms), retain
8>
  ||  |{
  ||  |  "HIDVirtualDevice" = Yes
  ||  |  "Side" = 0x0
  ||  |  "Transport" = "BT-AACP"
  ||  |  "AccessoryService" = "AVClient"
  ||  |  "HIDDefaultBehavior" = Yes
  ||  |  "BT_ADDR" = <ec46545efeee>
  ||  |  "MaxInputReportSize" = 0x46
  ||  |  "IOReportLegendPublic" = Yes
  ||  |  "Privileged" = Yes
  ||  |  "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff35,"DeviceUsage"=0x1})
  ||  |  "ReportDescriptor" =
<0635ff0901a1018501090229501762802810285020903950175088102850309049501751081028504090595017508810
285010a0e037520b10285020a0e037520b102c0>
  ||  |  "MaxOutputReportSize" = 0x1
  ||  |  "HIDUserDeviceCreateInactive" = Yes
  ||  |  "IOUserClientClass" = "IOHIDLibUserClient"
  ||  |  "RequestTimeout" = 0xf4240
  ||  |  "IOCFPlugInTypes" = {"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
  ||  |  "VendorID" = 0x5ac
  ||  |  "VersionNumber" = 0x1
  ||  |  "RegisterService" = No
  ||  |  "PrimaryUsage" = 0x1
  ||  |  "Elements" =
({"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"Elements"=({"VariableSiz
e"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0xff35,"Max"=0x0,"IsArray"=No,"Type"=0x1,"Size"=0x228,"Min
"=0x0,"Flags"=0x2,"ReportID"=0x1,"Usage"=0x2,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"ReportSize"=0x228,"
HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0x0,"ElementCookie"=0xc},
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0xff3$
  ||  |  "ReportInterval" = 0x0
  ||  |  "IOReportLegend" = ({"IOReportGroupName"="IOHIDDevice Input Report
Errors","IOReportChannels"=((0x1,0x100020001,"Report 1"),(0x2,0x100020001,"Report 2"),(0x3,0x100020001,"Report 3"),
(0x4,0x100020001,"Report 4")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="Input
Report IDs"})
  ||  |  "PrimaryUsagePage" = 0xff35
  ||  |  "MaxReportSize" = 0x46
  ||  |  "MaxFeatureReportSize" = 0x5
  ||  |  "InputReportElements" =
({"ReportID"=0x1,"ElementCookie"=0x12,"Size"=0x230,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0
x0,"ReportSize"=0x230,"Usage"=0x0},
{"ReportID"=0x2,"ElementCookie"=0x13,"Size"=0x10,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x
0,"ReportSize"=0x10,"Usage"=0x0},
{"ReportID"=0x3,"ElementCookie"=0x14,"Size"=0x18,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x
0,"ReportSize"=0x18,"Usage"=0x0},{"ReportID"=0x4,"ElementCookie"=0x15,"Size"=0x10,"ReportCount"=0x1,"Type"=$
  ||  |}
  ||  |
  || +-o IOHIDInterface  <class IOHIDInterface, id 0x10000a524, registered, matched, active, busy 0 (5 ms), retain 6>
  ||    {
  ||      "MaxOutputReportSize" = 0x1
  ||      "VendorID" = 0x5ac
  ||      "IOServiceDEXTEntitlements" = ("com.apple.developer.driverkit.transport.hid")
  ||      "VersionNumber" = 0x1
  ||      "PrimaryUsage" = 0x1
  ||      "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff35,"DeviceUsage"=0x1})
  ||      "Transport" = "BT-AACP"
  ||      "ReportInterval" = 0x0
  ||      "ReportDescriptor" =
<0635ff0901a1018501090229501762802810285020903950175088102850309049501751081028504090595017508810
285010a0e037520b10285020a0e037520b102c0>
  ||      "HIDDefaultBehavior" = Yes
  ||      "PrimaryUsagePage" = 0xff35
  ||      "MaxFeatureReportSize" = 0x5
  ||      "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
  ||      "MaxInputReportSize" = 0x46
  ||    }
  ||
  | +-o IOHIDSystem  <class IOHIDSystem, id 0x100000607, registered, matched, active, busy 0 (206 ms), retain 14>
  |||{
  |||  "IOClass" = "IOHIDSystem"
  |||  "HIDScrollCountMaxTimeDeltaBetween" = 0x258
  |||  "IOPersonalityPublisher" = "com.apple.iokit.IOHIDFamily"
  |||  "IOResourceMatch" = "IOBSD"
  |||  "IOMatchedAtBoot" = Yes
  |||  "HIDServiceGlobalModifiersUsage" = 0x1
  |||  "IOProviderClass" = "IOResources"
  |||  "IOReportLegendPublic" = Yes
  |||  "IOProbeScore" = 0x0
  |||  "HIDIdleTime" = 0x209ff3ef
  |||  "HIDScrollCountIgnoreMomentumScrolls" = Yes
  |||  "HIDScrollCountAccelerationFactor" = 0x28000
  |||  "HIDServiceSupport" = Yes
  |||  "HIDScrollCountMouseCanReset" = Yes
  |||  "IOCFPlugInTypes" = {"0516B563-B15B-11DA-96EB-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDNXEventRouter.plugin"}
  |||  "VendorID" = 0x5ac
```

||| "CFBundleIdentifierKernel" = "com.apple.iokit.IOHIDFamily"
||| "HIDScrollCountMinDeltaToSustain" = 0x14
||| "IOMatchCategory" = "IOHID"
||| "CFBundleIdentifier" = "com.apple.iokit.IOHIDFamily"
||| "HIDScrollCountBootDefault" =
{"HIDScrollCountMinDeltaToStart"=0x1e,"HIDScrollCountAccelerationFactor"=0x28000,"HIDScrollCountMouseCanReset"=
Yes,"HIDScrollCountIgnoreMomentumScrolls"=Yes,"HIDScrollCountMinDeltaToSustain"=0x14,"HIDScrollCountMax"=0x7d0,
"HIDScrollCountMaxTimeDeltaBetween"=0x258,"HIDScrollCountMaxTimeDeltaToSustain"=0xfa}
||| "PrimaryUsage" = 0x17
||| "CursorState" = {}
||| "HIDPowerOnDelayNS" = 0x1dcd6500
||| "IOGeneralInterest" = "IOCommand is not serializable"
||| "PrimaryUsagePage" = 0xff00
||| "HIDScrollCountMinDeltaToStart" = 0x1e
||| "HIDScrollCountMaxTimeDeltaToSustain" = 0xfa
||| "IOReportLegend" =
({"IOReportGroupName"="Cursor","IOReportChannels"=((0x437572736f72546f,0xf00180003,"Cursor Total
Latency")),"IOReportChannelInfo"={"IOReportChannelConfig"=<6400000000000000000000000a000000204e00000000
00000100000005000000>,"IOReportChannelUnit"=0x100007900000000},"IOReportSubGroupName"="Total"},
{"IOReportGroupName"="Cursor","IOReportChannels"=((0x437572736f724772,0xf00180003,"Cursor Graphics
Latency")),"IOReportChannelInfo"={"IOReportChannelConfig"=<6400000000000000000000000a000000204e00000000
00000100000005000000>$
||| "HIDParameters" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x0,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0
,"JitterNoMove"=0x1,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"HIDInitialKeyRepeat"=0x1dcd6500,"TrackpadThreeFi
ngerDrag"=No,"HIDPointerAcceleration"=0xb000,"UserPreferences"=Yes,"HIDDefaultParameters"=Yes,"TrackpadHorizScro
ll"=0x1,"HIDF12EjectDelay"=0xfa,"TrackpadFourFingerVertSwipeGesture"=0x2,"TrackpadTwoFingerFromRightEdgeSwipeG
esture"=0x3,"USBMouseStopsTrackpad"=0x0,"TrackpadThreeFingerTapGesture"=0x$
||| "HIDScrollCountMax" = 0x7d0
|||}
|||
|| +-o IOHIDUserClient <class IOHIDUserClient, id 0x100000ab6, !registered, !matched, active, busy 0, retain 5>
||| {
||| "IOUserClientCrossEndianCompatible" = Yes
||| "IOUserClientDefaultLocking" = Yes
||| "IOUserClientCreator" = "pid 385, WindowServer"
||| "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
||| "IOUserClientEntitlements" = No
||| "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOHIDEventSystemUserClient <class IOHIDEventSystemUserClient, id 0x100000ad2, !registered, !matched,
active, busy 0, retain 5>
||| {
||| "IOUserClientCrossEndianCompatible" = Yes
||| "IOUserClientDefaultLocking" = Yes
||| "IOUserClientCreator" = "pid 385, WindowServer"
||| "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
||| "IOUserClientEntitlements" = No
||| "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOHIDParamUserClient <class IOHIDParamUserClient, id 0x100000b91, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCrossEndianCompatible" = Yes
||| "IOUserClientDefaultLocking" = Yes
||| "IOUserClientCreator" = "pid 388, loginwindow"
||| "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
||| "IOUserClientEntitlements" = No
||| "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOHIDParamUserClient <class IOHIDParamUserClient, id 0x100000ccb, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCrossEndianCompatible" = Yes
||| "IOUserClientDefaultLocking" = Yes
||| "IOUserClientCreator" = "pid 645, Dock"
||| "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
||| "IOUserClientEntitlements" = No
||| "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOHIDParamUserClient <class IOHIDParamUserClient, id 0x100000ccd, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCrossEndianCompatible" = Yes
||| "IOUserClientDefaultLocking" = Yes
||| "IOUserClientCreator" = "pid 385, WindowServer"
||| "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
||| "IOUserClientEntitlements" = No
||| "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOHIDParamUserClient <class IOHIDParamUserClient, id 0x100000dcd, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCrossEndianCompatible" = Yes
||| "IOUserClientDefaultLocking" = Yes

```
|||    "IOUserClientCreator" = "pid 881, LocalAuthenticat"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o IOHIDParamUserClient  <class IOHIDParamUserClient, id 0x100006fd1, !registered, !matched, active, busy 0,
retain 5>
||    {
||     "IOUserClientCrossEndianCompatible" = Yes
||     "IOUserClientDefaultLocking" = Yes
||     "IOUserClientCreator" = "pid 7679, LocalAuthenticat"
||     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
||     "IOUserClientEntitlements" = No
||     "IOUserClientDefaultLockingSetProperties" = Yes
||    }
||
| +-o IOHIDPowerSourceController  <class IOHIDPowerSourceController, id 0x100000608, !registered, !matched, active,
busy 0, retain 5>
|||{
|||   "IOProbeScore" = 0x0
|||   "CFBundleIdentifier" = "com.apple.driver.IOHIDPowerSource"
|||   "IOMatchCategory" = "IOHIDPowerSourceController"
|||   "IOClass" = "IOHIDPowerSourceController"
|||   "IOPersonalityPublisher" = "com.apple.driver.IOHIDPowerSource"
|||   "IOProviderClass" = "IOResources"
|||   "CFBundleIdentifierKernel" = "com.apple.driver.IOHIDPowerSource"
|||   "IOMatchedAtBoot" = Yes
|||   "InterfaceMatching" =
{"IOPropertyMatch"={"Type"="PowerPack"},"IOProviderClassKey"="IOHIDTranslationService"}
|||   "IOResourceMatch" = "IOBSD"
|||}
|||
|| +-o IOHIDPowerSource  <class IOHIDPowerSource, id 0x100000679, !registered, !matched, active, busy 0, retain 5>
||    {
||     "DebugState" = {}
||    }
||
| +-o IONetworkStack  <class IONetworkStack, id 0x100000609, registered, matched, active, busy 0 (4 ms), retain 20>
|||{
|||   "IOProbeScore" = 0x0
|||   "CFBundleIdentifier" = "com.apple.iokit.IONetworkingFamily"
|||   "IOMatchCategory" = "IONetworkStack"
|||   "IOClass" = "IONetworkStack"
|||   "IOPersonalityPublisher" = "com.apple.iokit.IONetworkingFamily"
|||   "IOProviderClass" = "IOResources"
|||   "CFBundleIdentifierKernel" = "com.apple.iokit.IONetworkingFamily"
|||   "IOMatchedAtBoot" = Yes
|||   "IOUserClientClass" = "IONetworkStackUserClient"
|||   "IOResourceMatch" = "IOBSD"
|||}
|||
|| +-o IONetworkStackUserClient  <class IONetworkStackUserClient, id 0x100000aac, !registered, !matched, active,
busy 0, retain 5>
||    {
||     "IOUserClientCreator" = "pid 325, configd"
||     "IOUserClientDefaultLocking" = Yes
||    }
||
| +-o IOSurfaceRoot  <class IOSurfaceRoot, id 0x10000060a, registered, matched, active, busy 0 (350 ms), retain 177>
|||{
|||   "IOProbeScore" = 0x0
|||   "CFBundleIdentifier" = "com.apple.iokit.IOSurface"
|||   "IOMatchCategory" = "IOSurfaceRoot"
|||   "IOClass" = "IOSurfaceRoot"
|||   "IOPersonalityPublisher" = "com.apple.iokit.IOSurface"
|||   "IOProviderClass" = "IOResources"
|||   "CFBundleIdentifierKernel" = "com.apple.iokit.IOSurface"
|||   "IOMatchedAtBoot" = Yes
|||   "IOResourceMatch" = "IOBSD"
|||}
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100000ab7, !registered, !matched, active, busy 0,
retain 5>
|||   {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 385, WindowServer"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||   }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100000cbc, !registered, !matched, active, busy
0, retain 5>
|||   {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 618, NotificationCent"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
```

```
|||  }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100000cef, !registered, !matched, active, busy 0,
retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 647, ControlCenter"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100000d0b, !registered, !matched, active, busy
0, retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 726, Spotlight"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100000d16, !registered, !matched, active, busy
0, retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 736, Google Chrome He"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100000d18, !registered, !matched, active, busy
0, retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 714, WallpaperVideoEx"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100000d25, !registered, !matched, active, busy
0, retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 753, avconferenced"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100000d2c, !registered, !matched, active, busy
0, retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 762, com.apple.dock.e"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100000d30, !registered, !matched, active, busy
0, retain 5>
|||  {
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientCreator" = "pid 388, loginwindow"
|||    "IOUserClientDefaultLocking" = No
|||    "gpu-policies" = {"GPUSelectionPolicy"="avoidRemovable"}
|||    "gpu-policies-info" = {"GPUSelectionPolicy"="bundle"}
|||  }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100000d37, !registered, !matched, active, busy
0, retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 650, Finder"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100000d4b, !registered, !matched, active, busy
0, retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 636, Google Chrome"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
```

```
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100000d4d, !registered, !matched, active, busy
0, retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 640, TextEdit"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100000dbf, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 813, SSMenuAgent"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100000dc8, !registered, !matched, active, busy
0, retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 642, Passwords"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100000dca, !registered, !matched, active, busy
0, retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 881, LocalAuthenticat"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100000dda, !registered, !matched, active, busy
0, retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 902, TextInputMenuAge"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100000ddc, !registered, !matched, active, busy
0, retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 904, Script Menu"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100000ddf, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 907, SwitchResX Daemo"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100000de3, !registered, !matched, active, busy
0, retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 916, com.apple.appkit"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100000df0, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 897, PasswordsMenuBar"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
```

```
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100000e6b, !registered, !matched, active, busy
0, retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 1016, CursorUIViewServ"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x10000164f, !registered, !matched, active, busy 0,
retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 645, Dock"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100002a58, !registered, !matched, active, busy
0, retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 929, PasswordManagerB"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x10000379d, !registered, !matched, active, busy
0, retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 898, ChatGPTHelper"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100004f86, !registered, !matched, active, busy 0,
retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 4926, PowerChime"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x1000069fc, !registered, !matched, active, busy 0,
retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 7078, VTDecoderXPCServ"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100006fce, !registered, !matched, active, busy 0,
retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 7679, LocalAuthenticat"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x1000070cf, !registered, !matched, active, busy 0,
retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 7803, com.apple.appkit"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
|||  }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100007c7e, !registered, !matched, active, busy 0,
retain 5>
|||  {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 9011, VTDecoderXPCServ"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
```

```
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100007c97, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 9073, Google Chrome He"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100007deb, !registered, !matched, active, busy
0, retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 9144, Google Chrome He"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x1000081f6, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 9725, com.apple.WebKit"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100008a06, !registered, !matched, active, busy
0, retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 10826, ScreenTimeWidget"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100008ee4, !registered, !matched, active, busy
0, retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 11302, Google Drive"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x100008ee6, !registered, !matched, active, busy
0, retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 11304, Google Drive Hel"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x10000a68a, !registered, !matched, active, busy
0, retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 13240, Terminal"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x10000a697, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 13699, Google Chrome He"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x10000a69d, !registered, !matched, active, busy
0, retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 13713, replayd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
```

```
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x10000a6df, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 13804, TextThumbnailExt"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x10000a6f0, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 13821, mediaanalysisd"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x10000a70a, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 13834, System Settings"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x10000a70e, !registered, !matched, active, busy
0, retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 13836, GeneralSettings"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x10000a711, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 13843, HeadphoneSetting"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x10000a716, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 13837, AppleIDSettings"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x10000a728, !registered, !matched, active, busy
0, retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 13858, nsattributedstri"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x10000a72e, !registered, !matched, active, busy 0,
retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 13855, AboutExtension"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
|||    "IOUserClientEntitlements" = No
|||    "IOUserClientDefaultLockingSetProperties" = Yes
||| }
|||
|| +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x10000a760, !registered, !matched, active, busy
0, retain 5>
||| {
|||    "IOUserClientDefaultLocking" = No
|||    "IOUserClientCreator" = "pid 13882, System Informati"
|||    "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
```

```
| | |    "IOUserClientEntitlements" = No
| | |    "IOUserClientDefaultLockingSetProperties" = Yes
| | |  }
| | |
| | +-o IOSurfaceRootUserClient  <class IOSurfaceRootUserClient, id 0x10000a764, !registered, !matched, active, busy
0, retain 5>
| |   {
| |     "IOUserClientDefaultLocking" = No
| |     "IOUserClientCreator" = "pid 13887, com.apple.appkit"
| |     "IOUserClientDefaultLockingSingleThreadExternalMethod" = No
| |     "IOUserClientEntitlements" = No
| |     "IOUserClientDefaultLockingSetProperties" = Yes
| |   }
| |
| +-o AppleFairplayTextCrypter  <class AppleFairplayTextCrypter, id 0x10000060b, !registered, !matched, active, busy 0,
retain 5>
| |  {
| |    "IOProbeScore" = 0x0
| |    "CFBundleIdentifier" = "com.apple.IOTextEncryptionFamily"
| |    "IOMatchCategory" = "AppleFairplayTextCrypter"
| |    "IOClass" = "AppleFairplayTextCrypter"
| |    "IOPersonalityPublisher" = "com.apple.IOTextEncryptionFamily"
| |    "IOProviderClass" = "IOResources"
| |    "CFBundleIdentifierKernel" = "com.apple.IOTextEncryptionFamily"
| |    "IOMatchedAtBoot" = Yes
| |    "IOResourceMatch" = "IOBSD"
| |  }
| |
| +-o com_apple_filesystems_apfs  <class com_apple_filesystems_apfs, id 0x10000060c, !registered, !matched, active,
busy 0, retain 4>
| |  {
| |    "IOProbeScore" = 0x0
| |    "CFBundleIdentifier" = "com.apple.filesystems.apfs"
| |    "IOMatchCategory" = "com_apple_filesystems_apfs"
| |    "IOClass" = "com_apple_filesystems_apfs"
| |    "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
| |    "IOProviderClass" = "IOResources"
| |    "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
| |    "IOMatchedAtBoot" = Yes
| |    "IOResourceMatch" = "IOBSD"
| |  }
| |
| +-o com_apple_filesystems_lifs  <class com_apple_filesystems_lifs, id 0x10000060d, registered, matched, active,
busy 0 (7 ms), retain 5>
| |  {
| |    "IOProbeScore" = 0x0
| |    "CFBundleIdentifier" = "com.apple.filesystems.lifs"
| |    "IOMatchCategory" = "com_apple_filesystems_lifs"
| |    "IOClass" = "com_apple_filesystems_lifs"
| |    "IOPersonalityPublisher" = "com.apple.filesystems.lifs"
| |    "IOProviderClass" = "IOResources"
| |    "CFBundleIdentifierKernel" = "com.apple.filesystems.lifs"
| |    "IOMatchedAtBoot" = Yes
| |    "IOUserClientClass" = "AppleLIFSUserClient"
| |    "IOResourceMatch" = "IOBSD"
| |  }
| |
| +-o com_apple_filesystems_nfs  <class com_apple_filesystems_nfs, id 0x10000060e, !registered, !matched, active,
busy 0, retain 4>
| |  {
| |    "IOProbeScore" = 0x0
| |    "CFBundleIdentifier" = "com.apple.filesystems.nfs"
| |    "IOMatchCategory" = "com_apple_filesystems_nfs"
| |    "IOClass" = "com_apple_filesystems_nfs"
| |    "IOPersonalityPublisher" = "com.apple.filesystems.nfs"
| |    "IOProviderClass" = "IOResources"
| |    "CFBundleIdentifierKernel" = "com.apple.filesystems.nfs"
| |    "IOMatchedAtBoot" = Yes
| |    "IOResourceMatch" = "IOBSD"
| |  }
| |
| +-o AppleBSDKextStarterTMPFS  <class AppleBSDKextStarter, id 0x10000060f, !registered, !matched, active, busy 0,
retain 4>
| |  {
| |    "IOName" = "AppleBSDKextStarterTMPFS"
| |    "CFBundleIdentifier" = "com.apple.driver.AppleBSDKextStarter"
| |    "IOMatchCategory" = "com_apple_driver_AppleBSDKextStarterTMPFS"
| |    "IOClass" = "AppleBSDKextStarter"
| |    "AppleBSDKextStarterBundleIdentifiers" = "com.apple.filesystems.tmpfs"
| |    "IOPersonalityPublisher" = "com.apple.driver.AppleBSDKextStarterTMPFS"
| |    "IOProviderClass" = "IOResources"
| |    "CFBundleIdentifierKernel" = "com.apple.driver.AppleBSDKextStarter"
| |    "IOProbeScore" = 0x0
| |    "IOMatchedAtBoot" = Yes
| |    "IOResourceMatch" = "IOBSD"
| |  }
| |
| +-o AppleBSDKextStarterVPN  <class AppleBSDKextStarter, id 0x100000610, !registered, !matched, active, busy 0,
retain 4>
| |  {
```

```
|   |    "IOName" = "AppleBSDKextStarterVPN"
|   |    "CFBundleIdentifier" = "com.apple.driver.AppleBSDKextStarter"
|   |    "IOMatchCategory" = "com_apple_driver_AppleBSDKextStarterVPN"
|   |    "IOClass" = "AppleBSDKextStarter"
|   |    "AppleBSDKextStarterBundleIdentifiers" = ("com.apple.nke.ppp","com.apple.nke.l2tp","com.apple.nke.pptp")
|   |    "IOPersonalityPublisher" = "com.apple.driver.AppleBSDKextStarterVPN"
|   |    "IOProviderClass" = "IOResources"
|   |    "CFBundleIdentifierKernel" = "com.apple.driver.AppleBSDKextStarter"
|   |    "IOProbeScore" = 0x0
|   |    "IOMatchedAtBoot" = Yes
|   |    "IOResourceMatch" = "IOBSD"
|   |  }
|   |
| +-o IOAVBNub  <class IOAVBNub, id 0x100000a51, registered, matched, active, busy 0 (6 ms), retain 5>
|   | {
|   |    "IOProbeScore" = 0x0
|   |    "CFBundleIdentifier" = "com.apple.iokit.IOAVBFamily"
|   |    "IOMatchCategory" = "IOAVBNub"
|   |    "IOClass" = "IOAVBNub"
|   |    "IOPersonalityPublisher" = "com.apple.iokit.IOAVBFamily"
|   |    "IOProviderClass" = "IOResources"
|   |    "CFBundleIdentifierKernel" = "com.apple.iokit.IOAVBFamily"
|   |    "IOMatchedAtBoot" = Yes
|   |    "IOUserClientClass" = "IOAVBNubUserClient"
|   |    "EntityID" = 0xd45763cbd55d0000
|   |    "IOResourceMatch" = "IOTimeSyncClockManager"
|   |  }
|   |
| +-o IOAVBValidate  <class IOAVBValidate, id 0x100000a52, registered, matched, active, busy 0 (0 ms), retain 5>
|   | {
|   |    "IOProbeScore" = 0x0
|   |    "CFBundleIdentifier" = "com.apple.iokit.IOAVBFamily"
|   |    "IOMatchCategory" = "IOAVBValidate"
|   |    "IOClass" = "IOAVBValidate"
|   |    "IOPersonalityPublisher" = "com.apple.iokit.IOAVBFamily"
|   |    "IOProviderClass" = "IOResources"
|   |    "CFBundleIdentifierKernel" = "com.apple.iokit.IOAVBFamily"
|   |    "IOMatchedAtBoot" = Yes
|   |    "IOUserClientClass" = "IOAVBValidateUserClient"
|   |    "IOResourceMatch" = "IOAVBLocalClock"
|   |  }
|   |
| +-o AppleSCSISubsystemGlobals  <class AppleSCSISubsystemGlobals, id 0x100000a95, registered, matched, active,
busy 0 (0 ms), retain 6>
|   | {
|   |    "IOProbeScore" = 0x0
|   |    "CFBundleIdentifier" = "com.apple.iokit.IOSCSIArchitectureModelFamily"
|   |    "IOMatchCategory" = "com.apple.iokit.IOSCSIArchitectureModelFamily"
|   |    "IOClass" = "AppleSCSISubsystemGlobals"
|   |    "IOPersonalityPublisher" = "com.apple.iokit.IOSCSIArchitectureModelFamily"
|   |    "IOProviderClass" = "IOResources"
|   |    "CFBundleIdentifierKernel" = "com.apple.iokit.IOSCSIArchitectureModelFamily"
|   |    "IOMatchedAtBoot" = Yes
|   |    "IOResourceMatch" = "com.apple.iokit.SCSISubsystemGlobals"
|   |  }
|   |
| +-o IOUserResources  <class IOUserResources, id 0x100000228, registered, matched, active, busy 0 (270 ms), retain
8>
|   | {
|   |    "IOKit" = "IOService"
|   |    "IOResourceMatched" = ("IOKit","IOResourceMatched")
|   |    "IODEXTMatchCount" = 0x1
|   | }
|   |
| +-o IOUserDockChannelSerial  <class IOUserService, id 0x100000bdd, registered, matched, active, busy 0 (0 ms),
retain 15>
|   | {
|   |    "IOClass" = "IOUserService"
|   |    "CFBundleIdentifier" = "com.apple.DriverKit-IOUserDockChannelSerial"
|   |    "IOProviderClass" = "IOUserResources"
|   |    "IOUserServerCDHash" = "b208c90109f2b9b32f41f8d28e68092948c2b050"
|   |    "IOPowerManagement" =
{"DevicePowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x2,"MaxPowerState"=0x2}
|   |    "IOUserDockChannelSerialMajorVersion" = 0x2
|   |    "IOMatchedPersonality" = {"IOClass"="IOUserService","CFBundleIdentifier"="com.apple.DriverKit-
IOUserDockChannelSerial","IOProviderClass"="IOUserResources","IOUserServerCDHash"="b208c90109f2b9b32f41f8d28
e68092948c2b050","PTY"={"IOClass"="IOUserSerial","PTY"={"IOClass"="IOUserUserClient","IOUserClass"="IOUserPseu
doSerialUserClient"},"CFBundleIdentifier"="com.apple.driver.driverkit.serial","IOUserClass"="IOUserPseudoSerial"},"IOUse
rServerName"="com.apple.IOUserDockChannelSerial","IOMatchCategory"="IOUserDockChannelSerial","IOUserDockC$
|   |    "PTY" =
{"IOClass"="IOUserSerial","PTY"={"IOClass"="IOUserUserClient","IOUserClass"="IOUserPseudoSerialUserClient"},"CFBun
dleIdentifier"="com.apple.driver.driverkit.serial","IOUserClass"="IOUserPseudoSerial"}
|   |    "IOProbeScore" = 0x0
|   |    "IOUserDockChannelSerialMinorVersion" = 0x0
|   |    "IOUserServerName" = "com.apple.IOUserDockChannelSerial"
|   |    "IOMatchCategory" = "IOUserDockChannelSerial"
|   |    "IOUserDockChannelSerialClient" =
{"IOClass"="IOUserUserClient","IOUserClass"="IOUserDockChannelSerialClient"}
|   |    "IOUserClasses" = ("IOUserDockChannelSerial","IOService","OSObject")
|   |    "kOSBundleDextUniqueIdentifier" =
```

<060b61aebaaf16ec4c954a5df666517ac1840d89e4b91de8e29ad69a8447dfe5>
```
    |       "IOPersonalityPublisher" = "com.apple.DriverKit-IOUserDockChannelSerial"
    |       "CFBundleIdentifierKernel" = "com.apple.driver.driverkit.serial"
    |       "IOUserClass" = "IOUserDockChannelSerial"
    |     }
    |
    +-o IOUserServer(com.apple.IOUserDockChannelSerial-0x100000bdd)  <class IOUserServer, id 0x100000be4,
registered, matched, active, busy 0 (0 ms), retain 11>
    | {
    |   "IOUserClientDefaultLockingSetProperties" = Yes
    |   "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
    |   "IOUserClientEntitlements" = No
    |   "IOUserClientCreator" = "pid 533, com.apple.Driver"
    |   "IOUserClientDefaultLocking" = Yes
    |   "IOAssociatedServices" = (0x100000bdd)
    |   "IOPowerManagement" = {"CapabilityFlags"=0x0,"MaxPowerState"=0x2,"CurrentPowerState"=0x0}
    |   "IOUserServerName" = "com.apple.IOUserDockChannelSerial"
    |   "IOUserServerTag" = 0x100000bdd
    | }
    |
    +-o IOUserServer(com.apple.driverkit.AppleUserHIDDrivers-0x100000bde)  <class IOUserServer, id 0x100000be5,
registered, matched, active, busy 0 (0 ms), retain 13>
    | {
    |   "IOUserClientDefaultLockingSetProperties" = Yes
    |   "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
    |   "IOUserClientEntitlements" = No
    |   "IOUserClientCreator" = "pid 534, com.apple.AppleU"
    |   "IOUserClientDefaultLocking" = Yes
    |   "IOAssociatedServices" = (0x100000bde,0x10000a525)
    |   "IOPowerManagement" = {"CapabilityFlags"=0x0,"MaxPowerState"=0x2,"CurrentPowerState"=0x0}
    |   "IOUserServerName" = "com.apple.driverkit.AppleUserHIDDrivers"
    |   "IOUserServerTag" = 0x100000bde
    | }
    |
    +-o IOUserServer(com.apple.bcmwlan-0x100000a8f)  <class IOUserServer, id 0x100000be6, registered, matched,
active, busy 0 (0 ms), retain 84>
    | {
    |   "IOUserClientDefaultLockingSetProperties" = Yes
    |   "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
    |   "IOUserClientEntitlements" = No
    |   "IOUserClientCreator" = "pid 532, com.apple.Driver"
    |   "IOUserClientDefaultLocking" = Yes
    |   "IOAssociatedServices" =
(0x100000a8f,0x100000bed,0x100000bef,0x100000bf0,0x100000bf1,0x100000bf2,0x100000bf3,0x100000bf4,0x100000
bf5,0x100000bf7,0x100000bf8,0x100000bf9,0x100000bfa,0x100000bfb,0x100000bfd,0x100000bff,0x100000c00,0x1000
00c01,0x100000c02,0x100000c03,0x100000c04,0x100000c05,0x100000c06,0x100000c08,0x100000c09,0x100000c0a,
0x100000c0b,0x100000c0c,0x100000c0d,0x100000c0e,0x100000c0f,0x100000c10,0x100000c37,0x100000c38,0x10000
0c5a,0x100000c5b,0x100000c5c,0x100000c5d,0x100000c5e,0x100000c5f,0x100000c60,0x100000c61,0x100000c$
    |   "IOPowerManagement" = {"CapabilityFlags"=0x0,"MaxPowerState"=0x2,"CurrentPowerState"=0x0}
    |   "IOUserServerName" = "com.apple.bcmwlan"
    |   "IOUserServerTag" = 0x100000a8f
    | }
    |
    +-o IOUserServer(com.apple.IOUserBluetoothSerialDriver-0x100000d78)  <class IOUserServer, id 0x100000d79,
registered, matched, active, busy 0 (0 ms), retain 14>
      {
        "IOUserClientDefaultLockingSetProperties" = Yes
        "IOUserClientDefaultLockingSingleThreadExternalMethod" = Yes
        "IOUserClientEntitlements" = No
        "IOUserClientCreator" = "pid 844, IOUserBluetoothS"
        "IOUserClientDefaultLocking" = Yes
        "IOAssociatedServices" = (0x100000d78,0x100000d7b,0x100000d7c,0x100000d7e)
        "IOPowerManagement" = {"CapabilityFlags"=0x0,"MaxPowerState"=0x2,"CurrentPowerState"=0x0}
        "IOUserServerName" = "com.apple.IOUserBluetoothSerialDriver"
        "IOUserServerTag" = 0x100000d78
      }
```

Power Management logs:

Source: [/usr/bin/pmset –g log](/usr/bin/pmset -g log)
Size: 66 KB (66.328 bytes)
Last Modified: 11/06/2025, 10:18
Recent Contents: ntext3027.preventuseridlesleep" 05:04:55 id:0x0x10000a048 [System: PrevIdle SRPrevSleep kCPU]
2025-06-11 07:40:40 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3097.preventuseridledisplaysleep" 02:22:11 id:0x0x50000a512 [System: PrevIdle SRPrevSleep kCPU]
2025-06-11 07:40:40 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3097.preventuseridlesleep" 02:22:11 id:0x0x10000a511 [System: PrevIdle SRPrevSleep kCPU]
2025-06-11 07:40:40 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3098.preventuseridledisplaysleep" 02:22:11 id:0x0x50000a514 [System: PrevIdle SRPrevSleep kCPU]
2025-06-11 07:40:40 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3098.preventuseridlesleep" 02:22:11 id:0x0x10000a513 [System: PrevIdle SRPrevSleep kCPU]
2025-06-11 07:40:40 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3099.preventuseridledisplaysleep" 02:22:11 id:0x0x50000a516 [System: PrevIdle SRPrevSleep kCPU]
2025-06-11 07:40:40 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3099.preventuseridlesleep" 02:22:11 id:0x0x10000a515 [System: PrevIdle SRPrevSleep kCPU]

2025-06-11 07:40:40 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep "com.apple.audio.context3100.preventuseridledisplaysleep" 02:22:11 id:0x0x50000a518 [System: PrevIdle SRPrevSleep kCPU]
2025-06-11 07:40:40 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep "com.apple.audio.context3100.preventuseridlesleep" 02:22:11 id:0x0x10000a517 [System: PrevIdle SRPrevSleep kCPU]
2025-06-11 07:40:40 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep "com.apple.audio.context3101.preventuseridledisplaysleep" 02:22:11 id:0x0x50000a51a [System: PrevIdle SRPrevSleep kCPU]
2025-06-11 07:40:40 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep "com.apple.audio.context3101.preventuseridlesleep" 02:22:11 id:0x0x10000a519 [System: PrevIdle SRPrevSleep kCPU]
2025-06-11 07:40:43 +0200 Assertions   PID 327(powerd) Released InternalPreventSleep "PM configd - Wait for Device enumeration" 00:00:45 id:0x0xd0000810b [System: No Assertions]
2025-06-11 07:40:43 +0200 Sleep   Entering Sleep state due to 'Maintenance Sleep':TCPKeepAlive=active Using Batt (Charge:79%) 132 secs
2025-06-11 07:40:44 +0200 Wake Requests   [process=mDNSResponder request=Maintenance deltaSecs=7198 wakeAt=2025-06-11 09:40:43 info="upkeep wake"] [*process=dasd request=SleepService deltaSecs=946 wakeAt=2025-06-11 07:56:31 info="com.apple.dasd:501:com.apple.intelligenceplatform.IntelligencePlatformCore.Pipeline.FastPass"] [process=powerd request=TCPKATurnOff deltaSecs=278747 wakeAt=2025-06-14 13:06:32] [process=powerd request=CSPNEvaluation deltaSecs=1929 wakeAt=2025-06-11 08:12:54] [process=powerd request=UserWake deltaSecs=22227 wakeAt=2025-06-11 13:51:12 info="com.apple.alarm.user-invisible-com.apple.calaccessd.travelEngine.periodicRefreshTimer,559"]
2025-06-11 07:40:44 +0200 PM Client Acks   Delays to Sleep notifications: [com.apple.bluetooth.sleep is slow(1549 ms)]
2025-06-11 07:42:55 +0200 Assertions   PID 395(mDNSResponder) Created MaintenanceWake "mDNSResponder:maintenance" 00:00:00 id:0x0xd00008147 [System: No Assertions]
2025-06-11 07:42:55 +0200 Assertions   PID 327(powerd) Created InternalPreventSleep "PM configd - Wait for Device enumeration" 00:00:00 id:0x0xd00008148 [System: No Assertions]
2025-06-11 07:42:55 +0200 com.apple.sleepservices.sessionStarted   SleepService: window begins with cap time=180 secs
2025-06-11 07:42:55 +0200 DarkWake   DarkWake from Deep Idle [CDNP] : due to smc.70070000 wifibt SMC.OutboxNotEmpty/ Using BATT (Charge:79%) 45 secs
2025-06-11 07:42:55 +0200 WakeDetails   DriverReason:smc.70070000 - DriverDetails: DriverReason:wifibt - DriverDetails: DriverReason:SMC.OutboxNotEmpty - DriverDetails:
2025-06-11 07:42:55 +0200 HibernateStats   hibmode=3 standbydelaylow=0 standbydelayhigh=0 2981
2025-06-11 07:42:55 +0200 WakeTime   WakeTime: 0.109 sec
2025-06-11 07:42:55 +0200 Kernel Client Acks
2025-06-11 07:42:55 +0200 Kernel Client Acks   Delays to Wake notifications: [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(99 ms)] [AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(117 ms)] [AppleMultiFunctionManager driver is slow(msg: SetState to 1)(120 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(95 ms)] [AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(117 ms)] [AppleMultiFunctionManager driver is slow(msg: SetState to 1)(119 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(100 ms)] [AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(120 ms)] [AppleMultiFunctionManager driver is slow(msg: SetState to 1)(122 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(97 ms)] [AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(118 ms)] [AppleMultiFunctionManager driver is slow(msg: SetState to 1)(119 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(97 ms)] [AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(118 ms)] [AppleMultiFunctionManager driver is slow(msg: SetState to 1)(119 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(98 ms)] [AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(118 ms)] [AppleMultiFunctionManager driver is slow(msg: SetState to 1)(119 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(100 ms)] [AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(118 ms)] [AppleMultiFunctionManager driver is slow(msg: SetState to 1)(121 ms)] Delays to Sleep notifications: [powerd is slow(3099 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(100 ms)] [AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(117 ms)] [AppleMultiFunctionManager driver is slow(msg: SetState to 1)(119 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(97 ms)] [AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(118 ms)] [AppleMultiFunctionManager driver is slow(msg: SetState to 1)(120 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(98 ms)] [AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(118 ms)] [AppleMultiFunctionManager driver is slow(msg: SetState to 1)(119 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(99 ms)] [AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(118 ms)] [AppleMultiFunctionManager driver is slow(msg: SetState to 1)(119 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(98 ms)] [AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(118 ms)] [AppleMultiFunctionManager driver is slow(msg: SetState to 1)(121 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(99 ms)] [AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(118 ms)] [AppleMultiFunctionManager driver is slow(msg: SetState to 1)(119 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(97 ms)] [AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(117 ms)] [AppleMultiFunctionManager driver is slow(msg: SetState to 1)(119 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(99 ms)] [AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(117 ms)] [AppleMultiFunctionManager driver is slow(msg: SetState to 1)(120 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(97 ms)] [AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(117 ms)] [AppleMultiFunctionManager driver is slow(msg: SetState to 1)(120 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(95 ms)]
2025-06-11 07:42:56 +0200 Assertions   PID 395(mDNSResponder) Released MaintenanceWake "mDNSResponder:maintenance" 00:00:00 id:0x0xd00008147 [System: PrevIdle PushSrvc SRPrevSleep IPushSrvc kCPU]
2025-06-11 07:42:57 +0200 com.apple.sleepservices.sessionTerminated   SleepService: window has terminated.
2025-06-11 07:43:37 +0200 Assertions   PID 12187(AddressBookSourceSync) Released PreventUserIdleSystemSleep "Address Book Source Sync" 00:00:41 id:0x0x100008154 [System: SRPrevSleep kCPU]
2025-06-11 07:43:40 +0200 Assertions   PID 327(powerd) Released InternalPreventSleep "PM configd - Wait for Device enumeration" 00:00:45 id:0x0xd00008148 [System: No Assertions]
2025-06-11 07:43:40 +0200 Sleep   Entering Sleep state due to 'Maintenance Sleep':TCPKeepAlive=active Using Batt (Charge:79%) 845 secs
2025-06-11 07:43:42 +0200 Wake Requests   [process=mDNSResponder request=Maintenance deltaSecs=7198 wakeAt=2025-06-11 09:43:40 info="upkeep wake"] [*process=dasd request=SleepService deltaSecs=1050 wakeAt=2025-06-11 08:01:12 info="com.apple.dasd:501:com.apple.intelligenceplatform.IntelligencePlatformCore.Pipeline.FastPass"] [process=powerd request=TCPKATurnOff deltaSecs=278570 wakeAt=2025-06-14 13:06:32] [process=powerd request=CSPNEvaluation deltaSecs=1752 wakeAt=2025-06-11 08:12:54] [process=powerd request=UserWake deltaSecs=22050 wakeAt=2025-06-11 13:51:12 info="com.apple.alarm.user-invisible-com.apple.calaccessd.travelEngine.periodicRefreshTimer,559"]
2025-06-11 07:43:42 +0200 PM Client Acks   Delays to Sleep notifications: [com.apple.bluetooth.sleep is slow(1555

ms)]
2025-06-11 07:57:45 +0200 Assertions   PID 385(WindowServer) Created UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:100000275 service:AppleM68Buttons product:(null) eventType:3"
00:00:00 id:0x0x900008178 [System: DeclUser kDisp]
2025-06-11 07:57:45 +0200 Assertions   PID 327(powerd) Created UserIsActive
"com.apple.powermanagement.lidopen" 00:00:00 id:0x0x900008179 [System: DeclUser kDisp]
2025-06-11 07:57:45 +0200 Assertions   PID 395(mDNSResponder) Created MaintenanceWake
"mDNSResponder:maintenance" 00:00:00 id:0x0xd0000817a [System: DeclUser kDisp]
2025-06-11 07:57:45 +0200 Assertions   PID 395(mDNSResponder) Released MaintenanceWake
"mDNSResponder:maintenance" 00:00:00 id:0x0xd0000817a [System: DeclUser kDisp]
2025-06-11 07:57:45 +0200 Wake   Wake from Deep Idle [CDNVA] : due to smc.70070000 lid
SMC.OutboxNotEmpty/HID Activity Using BATT (Charge:79%)
2025-06-11 07:57:45 +0200 WakeDetails   DriverReason:smc.70070000 – DriverDetails:
DriverReason:lid – DriverDetails:
DriverReason:SMC.OutboxNotEmpty – DriverDetails:
2025-06-11 07:57:45 +0200 HibernateStats   hibmode=3 standbydelaylow=0 standbydelayhigh=0
2982
2025-06-11 07:57:45 +0200 WakeTime   WakeTime: 0.143 sec
2025-06-11 07:57:45 +0200 Kernel Client Acks
2025-06-11 07:57:45 +0200 Kernel Client Acks   Delays to Wake notifications: [RTBuddy(ANS2) driver is slow(msg:
SetState to 2)(99 ms)] [AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(117 ms)]
[AppleMultiFunctionManager driver is slow(msg: SetState to 1)(120 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to
2)(95 ms)] [AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(117 ms)] [AppleMultiFunctionManager
driver is slow(msg: SetState to 1)(119 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(100 ms)]
[AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(120 ms)] [AppleMultiFunctionManager driver is
slow(msg: SetState to 1)(122 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(97 ms)]
[AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(118 ms)] [AppleMultiFunctionManager driver is
slow(msg: SetState to 1)(119 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(97 ms)]
[AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(118 ms)] [AppleMultiFunctionManager driver is
slow(msg: SetState to 1)(119 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(98 ms)]
[AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(118 ms)] [AppleMultiFunctionManager driver is
slow(msg: SetState to 1)(119 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(100 ms)]
[AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(118 ms)] [AppleMultiFunctionManager driver is
slow(msg: SetState to 1)(121 ms)] Delays to Sleep notifications: [powerd is slow(3099 ms)] [RTBuddy(ANS2) driver is
slow(msg: SetState to 2)(100 ms)] [AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(117 ms)]
[AppleMultiFunctionManager driver is slow(msg: SetState to 1)(119 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to
2)(97 ms)] [AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(118 ms)] [AppleMultiFunctionManager
driver is slow(msg: SetState to 1)(120 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(98 ms)]
[AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(118 ms)] [AppleMultiFunctionManager driver is
slow(msg: SetState to 1)(119 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(99 ms)]
[AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(118 ms)] [AppleMultiFunctionManager driver is
slow(msg: SetState to 1)(119 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(98 ms)]
[AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(118 ms)] [AppleMultiFunctionManager driver is
slow(msg: SetState to 1)(121 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(99 ms)]
[AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(118 ms)] [AppleMultiFunctionManager driver is
slow(msg: SetState to 1)(119 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(97 ms)]
[AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(117 ms)] [AppleMultiFunctionManager driver is
slow(msg: SetState to 1)(119 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(99 ms)]
[AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(117 ms)] [AppleMultiFunctionManager driver is
slow(msg: SetState to 1)(120 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(97 ms)]
[AppleConvergedIPCOLYBTControl driver is slow(msg: SetState to 1)(117 ms)] [AppleMultiFunctionManager driver is
slow(msg: SetState to 1)(120 ms)] [RTBuddy(ANS2) driver is slow(msg: SetState to 2)(95 ms)]
2025-06-11 07:57:45 +0200 Notification   Display is turned on
2025-06-11 07:57:46 +0200 Assertions   Summary- [System: PrevIdle DeclUser kDisp] Using Batt(Charge: 79)
2025-06-11 07:57:46 +0200 Assertions   PID 388(loginwindow) Created UserIsActive "Loginwindow User Activity"
00:00:00 id:0x0x9000081b8 [System: PrevIdle DeclUser kDisp]
2025-06-11 07:57:46 +0200 Assertions   PID 388(loginwindow) Released UserIsActive "Loginwindow User Activity"
00:00:00 id:0x0x9000081b8 [System: PrevIdle DeclUser kDisp]
2025-06-11 07:57:46 +0200 Assertions   PID 636(Google Chrome) Created NoDisplaySleepAssertion "Video Wake
Lock" 00:00:00 id:0x0x5000081b9 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 07:59:45 +0200 Assertions   PID 327(powerd) TimedOut UserIsActive
"com.apple.powermanagement.lidopen" 00:02:00 id:0x0x900008179 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:03:59 +0200 Assertions   PID 385(WindowServer) TimedOut UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:10000a202 service:AppleMultitouchDevice product:Apple Internal
Keyboard / Trackpad eventType:11" 00:01:59 id:0x0x900008178 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:04:03 +0200 Assertions   PID 628(sharingd) Released PreventUserIdleSystemSleep "Handoff"
00:06:15 id:0x0x1000081be [System: PrevIdle PrevDisp kDisp]
2025-06-11 08:06:38 +0200 Assertions   PID 385(WindowServer) Created UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:10000a202 service:AppleMultitouchDevice product:Apple Internal
Keyboard / Trackpad eventType:11" 00:00:00 id:0x0x900008227 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:09:34 +0200 Assertions   PID 385(WindowServer) TimedOut UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:1000008dc service:AppleHIDKeyboardEventDriverV2 product:Apple
Internal Keyboard / Trackpad eventType:3" 00:01:59 id:0x0x900008227 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:09:37 +0200 Assertions   PID 628(sharingd) Released PreventUserIdleSystemSleep "Handoff"
00:02:58 id:0x0x100008229 [System: PrevIdle PrevDisp kDisp]
2025-06-11 08:10:41 +0200 Assertions   PID 327(powerd) Summary PreventUserIdleSystemSleep "Powerd –
Prevent sleep while display is on" 00:12:56 id:0x0x1000817c [System: PrevIdle PrevDisp kDisp]
2025-06-11 08:10:41 +0200 Assertions   PID 636(Google Chrome) Summary NoDisplaySleepAssertion "Video Wake
Lock" 00:12:54 id:0x0x5000081b9 [System: PrevIdle PrevDisp kDisp]
2025-06-11 08:11:34 +0200 Assertions   PID 385(WindowServer) Created UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:10000a202 service:AppleMultitouchDevice product:Apple Internal
Keyboard / Trackpad eventType:11" 00:00:00 id:0x0x90000823f [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:16:23 +0200 Assertions   PID 385(WindowServer) TimedOut UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:1000008dc service:AppleHIDKeyboardEventDriverV2 product:Apple
Internal Keyboard / Trackpad eventType:3" 00:01:59 id:0x0x90000823f [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:16:23 +0200 Assertions   PID 385(WindowServer) Created UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:10000a202 service:AppleMultitouchDevice product:Apple Internal
Keyboard / Trackpad eventType:11" 00:00:00 id:0x0x900008250 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:16:27 +0200 Assertions   PID 628(sharingd) Released PreventUserIdleSystemSleep "Handoff"
00:04:52 id:0x0x100008241 [System: PrevIdle PrevDisp DeclUser kDisp]

2025-06-11 08:19:53 +0200 Assertions   PID 377(bluetoothd) Created UserIsActive "Bluetooth LE HID Activity"
00:00:00 id:0x0x900008295 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:20:04 +0200 Assertions   Summary- [System: PrevIdle PrevDisp DeclUser kDisp] Using AC(Charge:
74)
2025-06-11 08:20:05 +0200 Assertions   PID 4926(PowerChime) Created DisplayWake "com.apple.chimeOnAttach"
00:00:00 id:0x0xe00008299 [System: PrevIdle PrevDisp DeclUser DispWake kDisp]
2025-06-11 08:20:05 +0200 Assertions   PID 12527(PowerUIAgent) Created MaintenanceWake "com.apple.obc"
00:00:00 id:0x0xd0000829b [System: PrevIdle PrevDisp DeclUser SRPrevSleep DispWake kCPU kDisp]
2025-06-11 08:20:05 +0200 Assertions   PID 12527(PowerUIAgent) Released MaintenanceWake "com.apple.obc"
00:00:00 id:0x0xd0000829b [System: PrevIdle PrevDisp DeclUser DispWake kDisp]
2025-06-11 08:20:05 +0200 Assertions   PID 12527(PowerUIAgent) Created MaintenanceWake "com.apple.obc"
00:00:00 id:0x0xd0000829c [System: PrevIdle PrevDisp DeclUser SRPrevSleep DispWake kCPU kDisp]
2025-06-11 08:20:05 +0200 Assertions   PID 12527(PowerUIAgent) Released MaintenanceWake "com.apple.obc"
00:00:00 id:0x0xd0000829c [System: PrevIdle PrevDisp DeclUser DispWake kDisp]
2025-06-11 08:20:05 +0200 Assertions   PID 12527(PowerUIAgent) Created MaintenanceWake "com.apple.obc"
00:00:00 id:0x0xd0000829d [System: PrevIdle PrevDisp DeclUser SRPrevSleep DispWake kCPU kDisp]
2025-06-11 08:20:05 +0200 Assertions   PID 12527(PowerUIAgent) Released MaintenanceWake "com.apple.obc"
00:00:00 id:0x0xd0000829d [System: PrevIdle PrevDisp DeclUser DispWake kDisp]
2025-06-11 08:20:06 +0200 Assertions   PID 4926(PowerChime) Released DisplayWake
"com.apple.chimeOnAttach" 00:00:01 id:0x0xe00008299 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:21:56 +0200 Assertions   PID 628(sharingd) Released PreventUserIdleSystemSleep "Handoff"
00:03:11 id:0x0x100008280 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:22:01 +0200 Assertions   PID 12638(financed) Created NetworkClientActive "Wallet Refreshing
Orders" 00:00:00 id:0x0x11000082f7 [System: PrevIdle PrevDisp DeclUser NetAcc kCPU kDisp]
2025-06-11 08:22:01 +0200 Assertions   PID 12638(financed) Released NetworkClientActive "Wallet Refreshing
Orders" 00:00:00 id:0x0x11000082f7 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:25:05 +0200 Assertions   PID 12527(PowerUIAgent) Created MaintenanceWake "com.apple.obc"
00:00:00 id:0x0xd00008325 [System: PrevIdle PrevDisp DeclUser SRPrevSleep kCPU kDisp]
2025-06-11 08:25:05 +0200 Assertions   PID 12527(PowerUIAgent) Released MaintenanceWake "com.apple.obc"
00:00:00 id:0x0xd00008325 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:25:41 +0200 Assertions   PID 11806(cloudd) Summary PreventUserIdleSystemSleep
"NSURLSessionTask 7C648091-2B24-45B3-8E85-853FF92BB781" 00:00:02 id:0x0x100008345 [System: PrevIdle
PrevDisp DeclUser kDisp]
2025-06-11 08:25:41 +0200 Assertions   PID 11806(cloudd) Summary PreventUserIdleSystemSleep
"NSURLSessionTask 0F26252E-CE89-46F3-B8E2-03EFDBE829D6" 00:00:02 id:0x0x100008349 [System: PrevIdle
PrevDisp DeclUser kDisp]
2025-06-11 08:25:41 +0200 Assertions   PID 11806(cloudd) Summary PreventUserIdleSystemSleep
"NSURLSessionTask 2597F5E5-7D5D-4089-BBBF-116F9B8A3C78" 00:00:01 id:0x0x10000834a [System: PrevIdle
PrevDisp DeclUser kDisp]
2025-06-11 08:25:41 +0200 Assertions   PID 11806(cloudd) Summary PreventUserIdleSystemSleep
"NSURLSessionTask 43CD18F9-EA85-4269-AC08-567CA327232D" 00:00:01 id:0x0x10000834b [System: PrevIdle
PrevDisp DeclUser kDisp]
2025-06-11 08:25:41 +0200 Assertions   PID 11806(cloudd) Summary PreventUserIdleSystemSleep
"NSURLSessionTask 3145D877-ECD1-40F9-B784-BBA905F77A4C" 00:00:01 id:0x0x10000834c [System: PrevIdle
PrevDisp DeclUser kDisp]
2025-06-11 08:25:41 +0200 Assertions   PID 11806(cloudd) Summary PreventUserIdleSystemSleep
"NSURLSessionTask DB085912-48E0-4C9B-BA2C-311452CD42FC" 00:00:01 id:0x0x10000834d [System: PrevIdle
PrevDisp DeclUser kDisp]
2025-06-11 08:25:41 +0200 Assertions   PID 11806(cloudd) Summary PreventUserIdleSystemSleep
"NSURLSessionTask EB74564D-2219-44DD-9B32-9D12023215AA" 00:00:01 id:0x0x10000834e [System: PrevIdle
PrevDisp DeclUser kDisp]
2025-06-11 08:25:41 +0200 Assertions   PID 11806(cloudd) Summary PreventUserIdleSystemSleep
"NSURLSessionTask 9FB2FA2D-EF7A-4459-955E-1DF16EC8D0EE" 00:00:00 id:0x0x10000834f [System: PrevIdle
PrevDisp DeclUser kDisp]
2025-06-11 08:25:41 +0200 Assertions   PID 11806(cloudd) Summary PreventUserIdleSystemSleep
"NSURLSessionTask D83ED840-2B5D-4FBB-885E-614EB900F99A" 00:00:00 id:0x0x100008350 [System: PrevIdle
PrevDisp DeclUser kDisp]
2025-06-11 08:25:41 +0200 Assertions   PID 11806(cloudd) Summary PreventUserIdleSystemSleep
"NSURLSessionTask 942F595D-B1CE-44D7-9E15-D1A8B924FC23" 00:00:00 id:0x0x100008352 [System: PrevIdle
PrevDisp DeclUser kDisp]
2025-06-11 08:25:41 +0200 Assertions   PID 11806(cloudd) Summary PreventUserIdleSystemSleep
"NSURLSessionTask E4F81457-F12B-4FBB-A8B6-ECEDFE2B0999" 00:00:00 id:0x0x100008353 [System: PrevIdle
PrevDisp DeclUser kDisp]
2025-06-11 08:25:41 +0200 Assertions   PID 11806(cloudd) Summary PreventUserIdleSystemSleep
"NSURLSessionTask 8B462922-9A37-4FFB-8B38-36FABB16EEF8" 00:00:00 id:0x0x100008354 [System: PrevIdle
PrevDisp DeclUser kDisp]
2025-06-11 08:25:41 +0200 Assertions   PID 389(runningboardd) Summary PreventUserIdleSystemSleep
"xpcservice<com.apple.siri.SuggestionsBookkeepingService([osservice<com.apple.siriinferenced(501)>:12685])(501)>{vt
hash: 0}:12686389-12686-28074:com.apple.CFNetwork.StorageDB" 00:00:00 id:0x0x100008351 [System: PrevIdle
PrevDisp DeclUser kDisp]
2025-06-11 08:25:41 +0200 Assertions   PID 327(powerd) Summary PreventUserIdleSystemSleep "Powerd -
Prevent sleep while display is on" 00:27:56 id:0x0x10000817c [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:25:41 +0200 Assertions   PID 636(Google Chrome) Summary NoDisplaySleepAssertion "Video Wake
Lock" 00:27:54 id:0x0x5000081b9 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:25:41 +0200 Assertions   PID 385(WindowServer) Summary UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:10000a416 service:AppleUserHIDEventService product:Designer
Mouse eventType:17" 00:05:48 id:0x0x900008250 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:25:41 +0200 Assertions   PID 377(bluetoothd) Summary UserIsActive "Bluetooth LE HID Activity"
00:05:48 id:0x0x900008295 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:25:41 +0200 Assertions   PID 581(nsurlsessiond) Summary BackgroundTask "NSURLSessionTask
22AFFF40-CD60-44E3-8E5E-3532DC77F2F4" 00:00:03 id:0x0xb00008342 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:25:41 +0200 Assertions   PID 581(nsurlsessiond) Summary BackgroundTask "NSURLSessionTask
AEB3DC12-FA63-4EC2-90F7-B4E8914EFED7" 00:00:02 id:0x0xb00008343 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:25:41 +0200 Assertions   PID 581(nsurlsessiond) Summary BackgroundTask "NSURLSessionTask
956F0A9F-C138-4E17-8772-C33A423544F7" 00:00:02 id:0x0xb00008344 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:27:05 +0200 Assertions   PID 12527(PowerUIAgent) Created MaintenanceWake "com.apple.obc"
00:00:00 id:0x0xd0000835f [System: PrevIdle PrevDisp DeclUser SRPrevSleep kCPU kDisp]
2025-06-11 08:27:05 +0200 Assertions   PID 12527(PowerUIAgent) Released MaintenanceWake "com.apple.obc"
00:00:00 id:0x0xd0000835f [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:28:05 +0200 Assertions   PID 12527(PowerUIAgent) Created MaintenanceWake "com.apple.obc"

00:00:00 id:0x0xd00008363 [System: PrevIdle PrevDisp DeclUser SRPrevSleep kCPU kDisp]
2025-06-11 08:28:05 +0200 Assertions   PID 12527(PowerUIAgent) Released MaintenanceWake "com.apple.obc"
00:00:00 id:0x0xd00008363 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:29:52 +0200 Assertions   PID 385(WindowServer) TimedOut UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:10000a416 service:AppleUserHIDEventService product:Designer
Mouse eventType:17" 00:09:59 id:0x0x900008250 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:29:52 +0200 Assertions   PID 377(bluetoothd) TimedOut UserIsActive "Bluetooth LE HID Activity"
00:09:59 id:0x0x900008295 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:30:04 +0200 Assertions   PID 12527(PowerUIAgent) Created MaintenanceWake "com.apple.obc"
00:00:00 id:0x0xd00008374 [System: PrevIdle PrevDisp SRPrevSleep kCPU kDisp]
2025-06-11 08:30:04 +0200 Assertions   PID 12527(PowerUIAgent) Released MaintenanceWake "com.apple.obc"
00:00:00 id:0x0xd00008374 [System: PrevIdle PrevDisp kDisp]
2025-06-11 08:32:04 +0200 Assertions   PID 12527(PowerUIAgent) Created MaintenanceWake "com.apple.obc"
00:00:00 id:0x0xd0000837b [System: PrevIdle PrevDisp SRPrevSleep kCPU kDisp]
2025-06-11 08:32:04 +0200 Assertions   PID 12527(PowerUIAgent) Released MaintenanceWake "com.apple.obc"
00:00:00 id:0x0xd0000837b [System: PrevIdle PrevDisp kDisp]
2025-06-11 08:34:04 +0200 Assertions   PID 12527(PowerUIAgent) Created MaintenanceWake "com.apple.obc"
00:00:00 id:0x0xd0000837f [System: PrevIdle PrevDisp SRPrevSleep kCPU kDisp]
2025-06-11 08:34:04 +0200 Assertions   PID 12527(PowerUIAgent) Released MaintenanceWake "com.apple.obc"
00:00:00 id:0x0xd0000837f [System: PrevIdle PrevDisp kDisp]
2025-06-11 08:35:04 +0200 Assertions   PID 12527(PowerUIAgent) Created MaintenanceWake "com.apple.obc"
00:00:00 id:0x0xd00008383 [System: PrevIdle PrevDisp SRPrevSleep kCPU kDisp]
2025-06-11 08:35:04 +0200 Assertions   PID 12527(PowerUIAgent) Released MaintenanceWake "com.apple.obc"
00:00:00 id:0x0xd00008383 [System: PrevIdle PrevDisp kDisp]
2025-06-11 08:37:04 +0200 Assertions   PID 12527(PowerUIAgent) Created MaintenanceWake "com.apple.obc"
00:00:00 id:0x0xd00008391 [System: PrevIdle PrevDisp SRPrevSleep kCPU kDisp]
2025-06-11 08:37:04 +0200 Assertions   PID 12527(PowerUIAgent) Released MaintenanceWake "com.apple.obc"
00:00:00 id:0x0xd00008391 [System: PrevIdle PrevDisp kDisp]
2025-06-11 08:37:40 +0200 Assertions   Summary- [System: PrevIdle PrevDisp kDisp] Using Batt(Charge: 82)
2025-06-11 08:37:51 +0200 Assertions   PID 377(bluetoothd) Created UserIsActive "Bluetooth LE HID Activity"
00:00:00 id:0x0x900008398 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:37:53 +0200 Assertions   PID 385(WindowServer) Created UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:10000a202 service:AppleMultitouchDevice product:Apple Internal
Keyboard / Trackpad eventType:11" 00:00:00 id:0x0x90000839b [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:38:42 +0200 Assertions   PID 636(Google Chrome) Created NoDisplaySleepAssertion "Video Wake
Lock" 00:00:00 id:0x0x5000083fe [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:38:43 +0200 Assertions   PID 327(powerd) TurnedOn InternalPreventDisplaySleep
"com.apple.powermanagement.delayDisplayOff" 00:00:00 id:0x0x1000008d04 [System: PrevIdle PrevDisp DeclUser
IntPrevDisp kDisp]
2025-06-11 08:38:43 +0200 Assertions   PID 636(Google Chrome) Released NoDisplaySleepAssertion "Video Wake
Lock" 00:00:01 id:0x0x5000083fe [System: PrevIdle PrevDisp DeclUser IntPrevDisp kDisp]
2025-06-11 08:39:51 +0200 Assertions   PID 377(bluetoothd) TimedOut UserIsActive "Bluetooth LE HID Activity"
00:01:59 id:0x0x900008398 [System: PrevIdle PrevDisp DeclUser IntPrevDisp kDisp]
2025-06-11 08:40:41 +0200 Assertions   PID 628(sharingd) Summary PreventUserIdleSystemSleep "Handoff"
00:02:50 id:0x0x10000839a [System: PrevIdle PrevDisp DeclUser IntPrevDisp kDisp]
2025-06-11 08:40:41 +0200 Assertions   PID 327(powerd) Summary PreventUserIdleSystemSleep "Powerd -
Prevent sleep while display is on" 00:42:56 id:0x0x10000817c [System: PrevIdle PrevDisp DeclUser IntPrevDisp kDisp]
2025-06-11 08:40:41 +0200 Assertions   PID 636(Google Chrome) Summary NoDisplaySleepAssertion "Video Wake
Lock" 00:42:54 id:0x0x5000081b9 [System: PrevIdle PrevDisp DeclUser IntPrevDisp kDisp]
2025-06-11 08:40:41 +0200 Assertions   PID 385(WindowServer) Summary UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:10000a518 service:AppleUserHIDEventService product:Designer
Mouse eventType:17" 00:01:25 id:0x0x90000839b [System: PrevIdle PrevDisp DeclUser IntPrevDisp kDisp]
2025-06-11 08:40:41 +0200 Assertions   PID 327(powerd) Summary InternalPreventDisplaySleep
"com.apple.powermanagement.delayDisplayOff" 00:01:57 id:0x0x1000008d04 [System: PrevIdle PrevDisp DeclUser
IntPrevDisp kDisp]
2025-06-11 08:40:43 +0200 Assertions   PID 327(powerd) TimedOut InternalPreventDisplaySleep
"com.apple.powermanagement.delayDisplayOff" 00:01:59 id:0x0x1000008d04 [System: PrevIdle PrevDisp DeclUser
IntPrevDisp kDisp]
2025-06-11 08:41:16 +0200 Assertions   PID 385(WindowServer) TimedOut UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:10000a518 service:AppleUserHIDEventService product:Designer
Mouse eventType:17" 00:02:00 id:0x0x90000839b [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:41:19 +0200 Assertions   PID 628(sharingd) Released PreventUserIdleSystemSleep "Handoff"
00:03:28 id:0x0x10000839a [System: PrevIdle PrevDisp kDisp]
2025-06-11 08:43:25 +0200 Assertions   PID 385(WindowServer) Created UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:10000a202 service:AppleMultitouchDevice product:Apple Internal
Keyboard / Trackpad eventType:11" 00:00:00 id:0x0x90000842d [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:47:14 +0200 Assertions   PID 385(WindowServer) TimedOut UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:1000008dc service:AppleHIDKeyboardEventDriverV2 product:Apple
Internal Keyboard / Trackpad eventType:3" 00:01:59 id:0x0x90000842d [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:47:14 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3135.preventuseridledisplaysleep" 00:30:13 id:0x0x50000825a [System: PrevIdle PrevDisp
kDisp]
2025-06-11 08:47:14 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3135.preventuseridlesleep" 00:30:13 id:0x0x100008259 [System: PrevIdle PrevDisp kDisp]
2025-06-11 08:47:14 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3136.preventuseridledisplaysleep" 00:30:13 id:0x0x50000825c [System: PrevIdle PrevDisp
kDisp]
2025-06-11 08:47:14 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3136.preventuseridlesleep" 00:30:13 id:0x0x10000825b [System: PrevIdle PrevDisp kDisp]
2025-06-11 08:47:14 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3137.preventuseridledisplaysleep" 00:30:13 id:0x0x50000825e [System: PrevIdle PrevDisp
kDisp]
2025-06-11 08:47:14 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3137.preventuseridlesleep" 00:30:13 id:0x0x10000825d [System: PrevIdle PrevDisp kDisp]
2025-06-11 08:47:14 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.BuiltInSpeakerDevice.context.preventuseridledisplaysleep" 00:30:13 id:0x0x500008260 [System:
PrevIdle PrevDisp kDisp]
2025-06-11 08:47:14 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.BuiltInSpeakerDevice.context.preventuseridlesleep" 00:30:00 id:0x0x10000825f [System: PrevIdle
PrevDisp kDisp]

2025-06-11 08:47:14 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3139.preventuseridledisplaysleep" 00:30:13 id:0x0x500008262 [System: PrevIdle PrevDisp
kDisp]
2025-06-11 08:47:14 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3139.preventuseridlesleep" 00:30:13 id:0x0x100008261 [System: PrevIdle PrevDisp kDisp]
2025-06-11 08:47:14 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3140.preventuseridledisplaysleep" 00:30:13 id:0x0x500008264 [System: PrevIdle PrevDisp
kDisp]
2025-06-11 08:47:14 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3140.preventuseridlesleep" 00:30:13 id:0x0x100008263 [System: PrevIdle PrevDisp kDisp]
2025-06-11 08:47:14 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3165.preventuseridledisplaysleep" 00:08:53 id:0x0x5000083b4 [System: PrevIdle PrevDisp
kDisp]
2025-06-11 08:47:14 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3165.preventuseridlesleep" 00:08:53 id:0x0x1000083b3 [System: PrevIdle PrevDisp kDisp]
2025-06-11 08:47:14 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3196.preventuseridledisplaysleep" 00:08:53 id:0x0x5000083f2 [System: PrevIdle PrevDisp
kDisp]
2025-06-11 08:47:14 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3196.preventuseridlesleep" 00:08:53 id:0x0x1000083f1 [System: PrevIdle PrevDisp kDisp]
2025-06-11 08:47:17 +0200 Assertions   PID 628(sharingd) Released PreventUserIdleSystemSleep "Handoff"
00:03:52 id:0x0x10000842f [System: PrevIdle PrevDisp kDisp]
2025-06-11 08:47:57 +0200 Assertions   PID 385(WindowServer) Created UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:10000a202 service:AppleMultitouchDevice product:Apple Internal
Keyboard / Trackpad eventType:11" 00:00:00 id:0x0x900008449 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:55:41 +0200 Assertions   PID 628(sharingd) Summary PreventUserIdleSystemSleep "Handoff"
00:07:44 id:0x0x10000844b [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:55:41 +0200 Assertions   PID 327(powerd) Summary PreventUserIdleSystemSleep "Powerd -
Prevent sleep while display is on" 00:57:56 id:0x0x10000817c [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:55:41 +0200 Assertions   PID 636(Google Chrome) Summary NoDisplaySleepAssertion "Video Wake
Lock" 00:57:54 id:0x0x5000081b9 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:55:41 +0200 Assertions   PID 385(WindowServer) Summary UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:1000008dc service:AppleHIDKeyboardEventDriverV2 product:Apple
Internal Keyboard / Trackpad eventType:3" 00:00:07 id:0x0x900008449 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:56:36 +0200 Assertions   PID 628(sharingd) Released PreventUserIdleSystemSleep "Handoff"
00:08:38 id:0x0x10000844b [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 08:58:48 +0200 Assertions   PID 377(bluetoothd) Created UserIsActive "Bluetooth LE HID Activity"
00:00:00 id:0x0x900008488 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 09:00:48 +0200 Assertions   PID 377(bluetoothd) TimedOut UserIsActive "Bluetooth LE HID Activity"
00:02:00 id:0x0x900008488 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 09:01:01 +0200 Assertions   PID 385(WindowServer) TimedOut UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:10000a202 service:AppleMultitouchDevice product:Apple Internal
Keyboard / Trackpad eventType:11" 00:02:00 id:0x0x900008449 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 09:01:04 +0200 Assertions   PID 628(sharingd) Released PreventUserIdleSystemSleep "Handoff"
00:04:26 id:0x0x10000847d [System: PrevIdle PrevDisp kDisp]
2025-06-11 09:01:21 +0200 Assertions   PID 385(WindowServer) Created UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:10000a202 service:AppleMultitouchDevice product:Apple Internal
Keyboard / Trackpad eventType:11" 00:00:00 id:0x0x900008492 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 09:04:12 +0200 Assertions   PID 385(WindowServer) TimedOut UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:10000a202 service:AppleMultitouchDevice product:Apple Internal
Keyboard / Trackpad eventType:11" 00:01:59 id:0x0x900008492 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 09:04:15 +0200 Assertions   PID 628(sharingd) Released PreventUserIdleSystemSleep "Handoff"
00:02:54 id:0x0x100008494 [System: PrevIdle PrevDisp kDisp]
2025-06-11 09:08:18 +0200 Assertions   PID 385(WindowServer) Created UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:10000a202 service:AppleMultitouchDevice product:Apple Internal
Keyboard / Trackpad eventType:11" 00:00:00 id:0x0x9000084a7 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 09:10:41 +0200 Assertions   PID 628(sharingd) Summary PreventUserIdleSystemSleep "Handoff"
00:02:23 id:0x0x1000084a9 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 09:10:41 +0200 Assertions   PID 327(powerd) Summary PreventUserIdleSystemSleep "Powerd -
Prevent sleep while display is on" 01:12:56 id:0x0x10000817c [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 09:10:41 +0200 Assertions   PID 636(Google Chrome) Summary NoDisplaySleepAssertion "Video Wake
Lock" 01:12:54 id:0x0x5000081b9 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 09:10:41 +0200 Assertions   PID 385(WindowServer) Summary UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:1000008dc service:AppleHIDKeyboardEventDriverV2 product:Apple
Internal Keyboard / Trackpad eventType:3" 00:00:00 id:0x0x9000084a7 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 09:11:07 +0200 Assertions   PID 377(bluetoothd) Created UserIsActive "Bluetooth LE HID Activity"
00:00:00 id:0x0x9000084b6 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 09:13:07 +0200 Assertions   PID 377(bluetoothd) TimedOut UserIsActive "Bluetooth LE HID Activity"
00:02:00 id:0x0x9000084b6 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 09:13:52 +0200 Assertions   PID 385(WindowServer) TimedOut UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:10000a59a service:AppleUserHIDEventService product:Designer
Mouse eventType:17" 00:02:00 id:0x0x9000084a7 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 09:13:55 +0200 Assertions   PID 628(sharingd) Released PreventUserIdleSystemSleep "Handoff"
00:05:36 id:0x0x1000084a9 [System: PrevIdle PrevDisp kDisp]
2025-06-11 09:22:09 +0200 Assertions   Summary- [System: PrevIdle PrevDisp IPushSrvc kCPU kDisp] Using
Batt(Charge: 78)
2025-06-11 09:22:28 +0200 Assertions   Summary- [System: PrevIdle PrevDisp kDisp] Using Batt(Charge: 78)
2025-06-11 09:25:41 +0200 Assertions   PID 327(powerd) Summary PreventUserIdleSystemSleep "Powerd -
Prevent sleep while display is on" 01:27:56 id:0x0x10000817c [System: PrevIdle PrevDisp kDisp]
2025-06-11 09:25:41 +0200 Assertions   PID 636(Google Chrome) Summary NoDisplaySleepAssertion "Video Wake
Lock" 01:27:54 id:0x0x5000081b9 [System: PrevIdle PrevDisp kDisp]
2025-06-11 09:27:30 +0200 Assertions   PID 385(WindowServer) Created UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:10000a202 service:AppleMultitouchDevice product:Apple Internal
Keyboard / Trackpad eventType:11" 00:00:00 id:0x0x900008513 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3111.preventuseridledisplaysleep" 01:32:02 id:0x0x500008193 [System: PrevIdle PrevDisp
DeclUser kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3111.preventuseridlesleep" 01:32:02 id:0x0x100008192 [System: PrevIdle PrevDisp DeclUser
kDisp]

2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3122.preventuseridledisplaysleep" 01:32:02 id:0x0x5000081a9 [System: PrevIdle PrevDisp
DeclUser kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3122.preventuseridlesleep" 01:32:02 id:0x0x1000081a8 [System: PrevIdle PrevDisp DeclUser
kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3121.preventuseridledisplaysleep" 01:32:02 id:0x0x5000081a7 [System: PrevIdle PrevDisp
DeclUser kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3121.preventuseridlesleep" 01:32:02 id:0x0x1000081a6 [System: PrevIdle PrevDisp DeclUser
kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3114.preventuseridledisplaysleep" 01:32:02 id:0x0x500008199 [System: PrevIdle PrevDisp
DeclUser kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3114.preventuseridlesleep" 01:32:02 id:0x0x100008198 [System: PrevIdle PrevDisp DeclUser
kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3118.preventuseridledisplaysleep" 01:32:02 id:0x0x5000081a1 [System: PrevIdle PrevDisp
DeclUser kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3118.preventuseridlesleep" 01:32:02 id:0x0x1000081a0 [System: PrevIdle PrevDisp DeclUser
kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3125.preventuseridledisplaysleep" 01:32:02 id:0x0x5000081af [System: PrevIdle PrevDisp
DeclUser kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3125.preventuseridlesleep" 01:32:02 id:0x0x1000081ae [System: PrevIdle PrevDisp DeclUser
kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3108.preventuseridledisplaysleep" 01:32:02 id:0x0x50000818d [System: PrevIdle PrevDisp
DeclUser kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3108.preventuseridlesleep" 01:32:02 id:0x0x10000818c [System: PrevIdle PrevDisp DeclUser
kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3123.preventuseridledisplaysleep" 01:32:02 id:0x0x5000081ab [System: PrevIdle PrevDisp
DeclUser kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3123.preventuseridlesleep" 01:32:02 id:0x0x1000081aa [System: PrevIdle PrevDisp DeclUser
kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3117.preventuseridledisplaysleep" 01:32:02 id:0x0x50000819f [System: PrevIdle PrevDisp
DeclUser kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3117.preventuseridlesleep" 01:32:02 id:0x0x10000819e [System: PrevIdle PrevDisp DeclUser
kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3115.preventuseridledisplaysleep" 01:32:02 id:0x0x50000819b [System: PrevIdle PrevDisp
DeclUser kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3115.preventuseridlesleep" 01:32:02 id:0x0x10000819a [System: PrevIdle PrevDisp DeclUser
kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3112.preventuseridledisplaysleep" 01:32:02 id:0x0x500008195 [System: PrevIdle PrevDisp
DeclUser kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3112.preventuseridlesleep" 01:32:02 id:0x0x100008194 [System: PrevIdle PrevDisp DeclUser
kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3124.preventuseridledisplaysleep" 01:32:02 id:0x0x5000081ad [System: PrevIdle PrevDisp
DeclUser kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3124.preventuseridlesleep" 01:32:02 id:0x0x1000081ac [System: PrevIdle PrevDisp DeclUser
kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3110.preventuseridledisplaysleep" 01:32:02 id:0x0x500008191 [System: PrevIdle PrevDisp
DeclUser kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3110.preventuseridlesleep" 01:32:02 id:0x0x100008190 [System: PrevIdle PrevDisp DeclUser
kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3133.preventuseridledisplaysleep" 01:31:57 id:0x0x5000081d0 [System: PrevIdle PrevDisp
DeclUser kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3133.preventuseridlesleep" 01:31:57 id:0x0x1000081cf [System: PrevIdle PrevDisp DeclUser
kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3119.preventuseridledisplaysleep" 01:32:02 id:0x0x5000081a3 [System: PrevIdle PrevDisp
DeclUser kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3119.preventuseridlesleep" 01:32:02 id:0x0x1000081a2 [System: PrevIdle PrevDisp DeclUser
kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3113.preventuseridledisplaysleep" 01:32:02 id:0x0x500008197 [System: PrevIdle PrevDisp
DeclUser kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3113.preventuseridlesleep" 01:32:02 id:0x0x100008196 [System: PrevIdle PrevDisp DeclUser
kDisp]

2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3116.preventuseridledisplaysleep" 01:32:02 id:0x0x50000819d [System: PrevIdle PrevDisp
DeclUser kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3116.preventuseridlesleep" 01:32:02 id:0x0x10000819c [System: PrevIdle PrevDisp DeclUser
kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3109.preventuseridledisplaysleep" 01:32:02 id:0x0x50000818f [System: PrevIdle PrevDisp
DeclUser kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3109.preventuseridlesleep" 01:32:02 id:0x0x10000818e [System: PrevIdle PrevDisp DeclUser
kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3120.preventuseridledisplaysleep" 01:32:02 id:0x0x5000081a5 [System: PrevIdle PrevDisp
DeclUser kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3120.preventuseridlesleep" 01:32:02 id:0x0x1000081a4 [System: PrevIdle PrevDisp DeclUser
kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3107.preventuseridledisplaysleep" 01:32:02 id:0x0x50000818b [System: PrevIdle PrevDisp
DeclUser kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3107.preventuseridlesleep" 01:32:02 id:0x0x10000818a [System: PrevIdle PrevDisp DeclUser
kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3126.preventuseridledisplaysleep" 01:32:01 id:0x0x5000081b4 [System: PrevIdle PrevDisp
DeclUser kDisp]
2025-06-11 09:29:48 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3126.preventuseridlesleep" 01:32:01 id:0x0x1000081b3 [System: PrevIdle PrevDisp DeclUser
kDisp]
2025-06-11 09:30:19 +0200 Assertions   PID 385(WindowServer) TimedOut UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:1000008dc service:AppleHIDKeyboardEventDriverV2 product:Apple
Internal Keyboard / Trackpad eventType:3" 00:02:00 id:0x0x90000008513 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 09:30:22 +0200 Assertions   PID 628(sharingd) Released PreventUserIdleSystemSleep "Handoff"
00:02:52 id:0x0x100008515 [System: PrevIdle PrevDisp kDisp]
2025-06-11 09:40:41 +0200 Assertions   PID 327(powerd) Summary PreventUserIdleSystemSleep "Powerd -
Prevent sleep while display is on" 01:42:56 id:0x0x10000817c [System: PrevIdle PrevDisp kDisp]
2025-06-11 09:40:41 +0200 Assertions   PID 636(Google Chrome) Summary NoDisplaySleepAssertion "Video Wake
Lock" 01:42:54 id:0x0x5000081b9 [System: PrevIdle PrevDisp kDisp]
2025-06-11 09:47:30 +0200 Assertions   PID 385(WindowServer) Created UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:10000a202 service:AppleMultitouchDevice product:Apple Internal
Keyboard / Trackpad eventType:11" 00:00:00 id:0x0x90000859d [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 09:48:48 +0200 Assertions   Summary- [System: PrevIdle PrevDisp DeclUser IPushSrvc kCPU kDisp]
Using Batt(Charge: 73)
2025-06-11 09:50:50 +0200 Assertions   PID 13139(findmydeviced) Released InteractivePushServiceTask
"com.apple.icloud.findmydeviced-Locating-C3A16D400" 00:02:00 id:0x0x12000085c5 [System: PrevIdle PrevDisp
DeclUser kDisp]
2025-06-11 09:53:44 +0200 Assertions   PID 385(WindowServer) TimedOut UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:1000008dc service:AppleHIDKeyboardEventDriverV2 product:Apple
Internal Keyboard / Trackpad eventType:3" 00:01:59 id:0x0x90000859d [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 09:53:44 +0200 Assertions   Summary- [System: PrevIdle PrevDisp kDisp] Using Batt(Charge: 72)
2025-06-11 09:53:48 +0200 Assertions   PID 628(sharingd) Released PreventUserIdleSystemSleep "Handoff"
00:06:17 id:0x0x10000859f [System: PrevIdle PrevDisp kDisp]
2025-06-11 09:55:41 +0200 Assertions   PID 327(powerd) Summary PreventUserIdleSystemSleep "Powerd -
Prevent sleep while display is on" 01:57:56 id:0x0x10000817c [System: PrevIdle PrevDisp kDisp]
2025-06-11 09:55:41 +0200 Assertions   PID 636(Google Chrome) Summary NoDisplaySleepAssertion "Video Wake
Lock" 01:57:54 id:0x0x5000081b9 [System: PrevIdle PrevDisp kDisp]
2025-06-11 09:55:54 +0200 Assertions   PID 385(WindowServer) Created UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:10000a202 service:AppleMultitouchDevice product:Apple Internal
Keyboard / Trackpad eventType:11" 00:00:00 id:0x0x9000085e2 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 09:59:26 +0200 Assertions   PID 385(WindowServer) TimedOut UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:1000008dc service:AppleHIDKeyboardEventDriverV2 product:Apple
Internal Keyboard / Trackpad eventType:3" 00:01:59 id:0x0x9000085e2 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 09:59:29 +0200 Assertions   PID 628(sharingd) Released PreventUserIdleSystemSleep "Handoff"
00:03:34 id:0x0x1000085e4 [System: PrevIdle PrevDisp kDisp]
2025-06-11 10:00:47 +0200 Assertions   PID 385(WindowServer) Created UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:10000a202 service:AppleMultitouchDevice product:Apple Internal
Keyboard / Trackpad eventType:11" 00:00:00 id:0x0x9000085f3 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:05:45 +0200 Assertions   PID 12300(storagekitd) ClientDied PreventUserIdleSystemSleep
"com.apple.diskmanagementd" 02:05:50 id:0x0x100008200 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:10:41 +0200 Assertions   PID 628(sharingd) Summary PreventUserIdleSystemSleep "Handoff"
00:09:54 id:0x0x1000085f5 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:10:41 +0200 Assertions   PID 327(powerd) Summary PreventUserIdleSystemSleep "Powerd – Prevent
sleep while display is on" 02:12:56 id:0x0x10000817c [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:10:41 +0200 Assertions   PID 636(Google Chrome) Summary NoDisplaySleepAssertion "Video Wake
Lock" 02:12:54 id:0x0x5000081b9 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:10:41 +0200 Assertions   PID 385(WindowServer) Summary UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:10000a202 service:AppleMultitouchDevice product:Apple Internal
Keyboard / Trackpad eventType:11" 00:00:00 id:0x0x9000085f3 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:13:22 +0200 Assertions   PID 385(WindowServer) TimedOut UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:1000008dc service:AppleHIDKeyboardEventDriverV2 product:Apple
Internal Keyboard / Trackpad eventType:3" 00:01:59 id:0x0x9000085f3 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:13:26 +0200 Assertions   PID 628(sharingd) Released PreventUserIdleSystemSleep "Handoff"
00:12:38 id:0x0x1000085f5 [System: PrevIdle PrevDisp kDisp]
2025-06-11 10:14:39 +0200 Assertions   PID 385(WindowServer) Created UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:10000a202 service:AppleMultitouchDevice product:Apple Internal
Keyboard / Trackpad eventType:11" 00:00:00 id:0x0x900008655 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:15:41 +0200 Assertions   PID 628(sharingd) Released PreventUserIdleSystemSleep "Handoff"
00:01:01 id:0x0x100008657 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:16:37 +0200 Assertions   PID 13847(studentd) Created NetworkClientActive

"studentd:13847:CRKNetworkPowerAssertion:0x5aaa426a0" 00:00:00 id:0x0x11000086a0 [System: PrevIdle PrevDisp DeclUser NetAcc kDisp]
2025-06-11 10:16:42 +0200 Assertions   PID 13847(studentd) Released NetworkClientActive
"studentd:13847:CRKNetworkPowerAssertion:0x5aaa426a0" 00:00:05 id:0x0x11000086a0 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:17:52 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3235.preventuseridledisplaysleep" 00:01:15 id:0x0x5000086a2 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:17:52 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3235.preventuseridlesleep" 00:01:15 id:0x0x1000086a1 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:17:52 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3236.preventuseridledisplaysleep" 00:01:15 id:0x0x5000086a4 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:17:52 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3236.preventuseridlesleep" 00:01:15 id:0x0x1000086a3 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:17:52 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3237.preventuseridledisplaysleep" 00:01:15 id:0x0x5000086a6 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:17:52 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3237.preventuseridlesleep" 00:01:15 id:0x0x1000086a5 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:17:52 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3238.preventuseridledisplaysleep" 00:01:15 id:0x0x5000086a8 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:17:52 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3238.preventuseridlesleep" 00:01:15 id:0x0x1000086a7 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:17:52 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3239.preventuseridledisplaysleep" 00:01:15 id:0x0x5000086aa [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:17:52 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3239.preventuseridlesleep" 00:01:15 id:0x0x1000086a9 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:17:52 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3240.preventuseridledisplaysleep" 00:01:15 id:0x0x5000086ac [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:17:52 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3240.preventuseridlesleep" 00:01:15 id:0x0x1000086ab [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:17:52 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3241.preventuseridledisplaysleep" 00:01:15 id:0x0x5000086ae [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:17:52 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3241.preventuseridlesleep" 00:01:15 id:0x0x1000086ad [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:17:52 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3242.preventuseridledisplaysleep" 00:01:15 id:0x0x5000086b0 [System: PrevIdle PrevDisp DeclUser kDisp]
2025-06-11 10:17:52 +0200 Assertions   PID 402(coreaudiod) Released PreventUserIdleSystemSleep
"com.apple.audio.context3242.preventuseridlesleep" 00:01:15 id:0x0x1000086af [System: PrevIdle PrevDisp DeclUser kDisp]

Total Sleep/Wakes since boot at 2025-06-09 09:42:18 +0200 :382

2025-06-11 10:18:58 +0200 : Showing all currently held IOKit power assertions
Assertion status system-wide:
   BackgroundTask   0
   ApplePushServiceTask   0
   UserIsActive   1
   PreventUserIdleDisplaySleep   1
   PreventSystemSleep   0
   ExternalMedia   0
   PreventUserIdleSystemSleep   1
   NetworkClientActive   0
Listed by owning process:
   pid 327(powerd): [0x0000e7b30001817c] 02:21:13 PreventUserIdleSystemSleep named: "Powerd - Prevent sleep while display is on"
   pid 636(Google Chrome): [0x0000e7b5000581b9] 02:21:11 NoDisplaySleepAssertion named: "Video Wake Lock"
   pid 385(WindowServer): [0x000107ca00098655] 00:00:02 UserIsActive named:
"com.apple.iohideventsystem.queue.tickle serviceID:10000a202 service:AppleMultitouchDevice product:Apple Internal Keyboard / Trackpad eventType:11"
    Timeout will fire in 117 secs Action=TimeoutActionRelease
No kernel assertions.