

```
aristideslamboglia@Aristidess-MacBook-Pro ~ % ioreg
+-o Root <class IORegistryEntry, id 0x100000100, retain 19>
  +-o MacBookPro13,1 <class IOPlatformExpertDevice, id 0x10000010f,
registered$
    +-o AppleACPIPlatformExpert <class AppleACPIPlatformExpert, id
0x100000110$
      | +-o IOPMrootDomain <class IOPMrootDomain, id 0x100000114, registered,
ma$
        | | +-o IORootParent <class IORootParent, id 0x100000115, !registered, !
ma$
          | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000003ae, $
            | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000003b0, $
              | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000003b2, $
                | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000003b7, $
                  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000003b8, $
                    | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000003b9, $
                      | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000003bc, $
                        | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000003be, $
                          | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000003ce, $
                            | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000003cf, $
                              | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000003d0, $
                                | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000003da, $
                                  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000003e4, $
                                    | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000003e5, $
                                      | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000003ec, $
                                        | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000003ed, $
                                          | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000003ef, $
                                            | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000003f6, $
                                              | | +-o RootDomainUserClient <class RootDomainUserClient, id
```

```
0x100000404, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000004aa, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000004b2, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000004be, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x100000530, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x100000532, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x100000539, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x100000549, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x100000556, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x100000566, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x100000573, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x10000057c, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x100000590, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x100000591, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x100000592, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x10000059a, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005a3, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005af, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005b1, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005b5, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005b8, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005be, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005c0, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005c2, $
```

```
| | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005cc, $
| | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005cd, $
| | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005d0, $
| | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005d2, $
| | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005d4, $
| | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005d5, $
| | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005d8, $
| | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005d9, $
| | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005de, $
| | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005df, $
| | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005e6, $
| | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005e7, $
| | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005e8, $
| | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005ed, $
| | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005ee, $
| | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005f4, $
| | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005f5, $
| | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005f6, $
| | +-o RootDomainUserClient <class RootDomainUserClient, id
0x1000005fd, $
| | +-o RootDomainUserClient <class RootDomainUserClient, id
0x100000600, $
| | +-o RootDomainUserClient <class RootDomainUserClient, id
0x100000601, $
| | +-o RootDomainUserClient <class RootDomainUserClient, id
0x100000602, $
| | +-o RootDomainUserClient <class RootDomainUserClient, id
0x100000603, $
| | +-o RootDomainUserClient <class RootDomainUserClient, id
```

```
0x100000604, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x100000611, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x100000613, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x10000061b, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x10000061c, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x100000629, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x100000642, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x100000648, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x100000652, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x10000066c, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x100000675, $
  | | +-o RootDomainUserClient <class RootDomainUserClient, id
0x100000676, $
  | +-o IOPCIMessageInterruptController <class
IOPCIMessageInterruptContro$
  | +-o cpus <class IOPlatformDevice, id 0x100000129, registered, matched,
a$
  | +-o CPU0@0 <class IOACPIPlatformDevice, id 0x10000012a, registered,
matc$
  | | +-o AppleACPICPU <class AppleACPICPU, id 0x100000133, registered,
matc$
  | | | +-o AppleACPICPUInterruptController <class
AppleACPICPUInterruptCont$
  | | | +-o ACPI_SMC_PlatformPlugin <class ACPI_SMC_PlatformPlugin, id
0x100$
  | | +-o SMCProcessor <class SMCProcessor, id 0x100000134, !registered, !
ma$
  | +-o CPU1@1 <class IOACPIPlatformDevice, id 0x10000012b, registered,
matc$
  | | +-o AppleACPICPU <class AppleACPICPU, id 0x100000135, registered,
matc$
  | +-o CPU2@2 <class IOACPIPlatformDevice, id 0x10000012c, registered,
matc$
  | | +-o AppleACPICPU <class AppleACPICPU, id 0x100000136, registered,
matc$
  | +-o CPU3@3 <class IOACPIPlatformDevice, id 0x10000012d, registered,
matc$
```



```
0$
| | | +-o AppleIntelFramebuffer@0 <class AppleIntelFramebuffer, id
0x100$
| | | +-o AppleMCCSControlModule <class AppleMCCSControlModule, id
0x1$
| | | +-o AppleMCCSParameterHandler <class
AppleMCCSParameterHandler$
| | | +-o AppleUpstreamUserClientDriver <class
AppleUpstreamUserClient$
| | | +-o IOFramebufferI2CInterface <class
IOFramebufferI2CInterface, $
| | | +-o display0 <class IODisplayConnect, id 0x1000004b9,
registered$
| | | +-o AppleBacklightDisplay <class AppleBacklightDisplay, id
0x1$
| | | +-o IOFramebufferUserClient <class IOFramebufferUserClient, id
0$
| | | +-o IOFramebufferSharedUserClient <class
IOFramebufferSharedUser$
| | | +-o AppleIntelFramebuffer@1 <class AppleIntelFramebuffer, id
0x100$
| | | +-o AppleMCCSControlModule <class AppleMCCSControlModule, id
0x1$
| | | +-o AppleMCCSParameterHandler <class
AppleMCCSParameterHandler$
| | | +-o AppleUpstreamUserClientDriver <class
AppleUpstreamUserClient$
| | | +-o IOFramebufferI2CInterface <class
IOFramebufferI2CInterface, $
| | | +-o IOFramebufferUserClient <class IOFramebufferUserClient, id
0$
| | | +-o AppleIntelFramebuffer@2 <class AppleIntelFramebuffer, id
0x100$
| | | +-o AppleMCCSControlModule <class AppleMCCSControlModule, id
0x1$
| | | +-o AppleMCCSParameterHandler <class
AppleMCCSParameterHandler$
| | | +-o AppleUpstreamUserClientDriver <class
AppleUpstreamUserClient$
| | | +-o IOFramebufferI2CInterface <class
IOFramebufferI2CInterface, $
| | | +-o IOFramebufferUserClient <class IOFramebufferUserClient, id
0$
| | | +-o AppleIntelFramebuffer@3 <class AppleIntelFramebuffer, id
0x100$
| | | +-o AppleMCCSControlModule <class AppleMCCSControlModule, id
0x1$
```

```
| | | | +--o AppleMCCSPParameterHandler <class
AppleMCCSPParameterHandler$
| | | | +--o AppleUpstreamUserClientDriver <class
AppleUpstreamUserClient$
| | | | +--o IOFramebufferI2CInterface <class
IOFramebufferI2CInterface, $
| | | | +--o IOFramebufferUserClient <class IOFramebufferUserClient, id
0$
| | | +--o IntelAccelerator <class IntelAccelerator, id 0x10000042e,
regis$
| | | +--o IGAccel2DContext <class IGAccel2DContext, id
0x1000004e0, !r$
| | | +--o IOAccelDisplayPipeUserClient2 <class
IOAccelDisplayPipeUserC$
| | | +--o IGAccel2DContext <class IGAccel2DContext, id
0x1000004ea, !r$
| | | +--o IOAccelDisplayPipeUserClient2 <class
IOAccelDisplayPipeUserC$
| | | +--o IGAccel2DContext <class IGAccel2DContext, id
0x1000004f6, !r$
| | | +--o IOAccelDisplayPipeUserClient2 <class
IOAccelDisplayPipeUserC$
| | | +--o IGAccel2DContext <class IGAccel2DContext, id
0x100000500, !r$
| | | +--o IOAccelDisplayPipeUserClient2 <class
IOAccelDisplayPipeUserC$
| | | +--o IGAccelDevice <class IGAccelDevice, id 0x10000050c, !
registe$
| | | +--o IGAccelSharedUserClient <class IGAccelSharedUserClient, id
0$
| | | +--o IGAccelSurface <class IGAccelSurface, id 0x100000512, !
regis$
| | | +--o IGAccelSurface <class IGAccelSurface, id 0x100000526, !
regis$
| | | +--o IGAccelSurface <class IGAccelSurface, id 0x100000527, !
regis$
| | | +--o IGAccelSurface <class IGAccelSurface, id 0x100000528, !
regis$
| | | +--o IGAccelSurface <class IGAccelSurface, id 0x100000529, !
regis$
| | | +--o IGAccelSurface <class IGAccelSurface, id 0x10000052a, !
regis$
| | | +--o IGAccelSurface <class IGAccelSurface, id 0x10000052b, !
regis$
| | | +--o IGAccelSurface <class IGAccelSurface, id 0x10000052c, !
regis$
| | | +--o IGAccelSurface <class IGAccelSurface, id 0x10000052d, !
```

```
regis$
  | | | +-o IGAccelSurface <class IGAccelSurface, id 0x10000052e, !
regis$
  | | | +-o IGAccelCommandQueue <class IGAccelCommandQueue, id
0x1000005$
  | | | +-o IGAccelCommandQueue <class IGAccelCommandQueue, id
0x1000005$
  | | | +-o IGAccelDevice <class IGAccelDevice, id 0x100000559, !
registe$
  | | | +-o IGAccelSharedUserClient <class IGAccelSharedUserClient, id
0$
  | | | +-o IGAccelCommandQueue <class IGAccelCommandQueue, id
0x1000005$
  | | | +-o IGAccelDevice <class IGAccelDevice, id 0x10000059d, !
registe$
  | | | +-o IGAccelSharedUserClient <class IGAccelSharedUserClient, id
0$
  | | | +-o IGAccelDevice <class IGAccelDevice, id 0x1000005ba, !
registe$
  | | | +-o IGAccelSharedUserClient <class IGAccelSharedUserClient, id
0$
  | | | +-o IGAccelCommandQueue <class IGAccelCommandQueue, id
0x1000005$
  | | | +-o IGAccelDevice <class IGAccelDevice, id 0x1000005db, !
registe$
  | | | +-o IGAccelSharedUserClient <class IGAccelSharedUserClient, id
0$
  | | | +-o IGAccelCommandQueue <class IGAccelCommandQueue, id
0x1000005$
  | | | +-o IGAccelDevice <class IGAccelDevice, id 0x1000005fb, !
registe$
  | | | +-o IGAccelSharedUserClient <class IGAccelSharedUserClient, id
0$
  | | | +-o IGAccelDevice <class IGAccelDevice, id 0x10000060e, !
registe$
  | | | +-o IGAccelSharedUserClient <class IGAccelSharedUserClient, id
0$
  | | | +-o IGAccelCommandQueue <class IGAccelCommandQueue, id
0x1000006$
  | | | +-o IGAccelDevice <class IGAccelDevice, id 0x100000639, !
registe$
  | | | +-o IGAccelDevice <class IGAccelDevice, id 0x10000064f, !
registe$
  | | | +-o IGAccelSharedUserClient <class IGAccelSharedUserClient, id
0$
  | | | +-o IGAccelDevice <class IGAccelDevice, id 0x100000661, !
registe$
```

```
| | | +-o IGAcelSharedUserClient <class IGAcelSharedUserClient, id
0$
| | | +-o IGAcelCommandQueue <class IGAcelCommandQueue, id
0x1000006$
| | | +-o IGAcelCommandQueue <class IGAcelCommandQueue, id
0x1000006$
| | | +-o IGAcelDevice <class IGAcelDevice, id 0x10000067d, !
registe$
| | | +-o IGAcelSharedUserClient <class IGAcelSharedUserClient, id
0$
| | | +-o IGAcelCommandQueue <class IGAcelCommandQueue, id
0x1000006$
| | | +-o IGAcelDevice <class IGAcelDevice, id 0x100000689, !
registe$
| | | +-o IGAcelSharedUserClient <class IGAcelSharedUserClient, id
0$
| | | +-o IGAcelDevice <class IGAcelDevice, id 0x10000068b, !
registe$
| | | +-o IGAcelSharedUserClient <class IGAcelSharedUserClient, id
0$
| | | +-o IGAcelVideoContextMain <class IGAcelVideoContextMain, id
0$
| | | +-o IGAcelVideoContextMedia <class IGAcelVideoContextMedia,
id$
| | | +-o IGAcelCommandQueue <class IGAcelCommandQueue, id
0x1000006$
| | +-o XHC@14 <class IOPCIDevice, id 0x1000001eb, registered,
matched, $
| | | +-o XHC@1400000 <class AppleUSBXHCIPPT, id 0x100000245,
registre$
| | | +-o HSP1@1410000 <class AppleUSB20XHCIPort, id 0x1000002ca,
reg$
| | | +-o HSP2@1420000 <class AppleUSB20XHCIPort, id 0x1000002cc,
reg$
| | | +-o HSP3@1430000 <class AppleUSB20XHCIPort, id 0x1000002cd,
reg$
| | | +-o HSP4@1440000 <class AppleUSB20XHCIPort, id 0x1000002ce,
reg$
| | | +-o SSP1@1450000 <class AppleUSB30XHCIPort, id 0x1000002cf,
reg$
| | | +-o SSP2@1460000 <class AppleUSB30XHCIPort, id 0x1000002d1,
reg$
| | | +-o SSP3@1470000 <class AppleUSB30XHCIPort, id 0x1000002d4,
reg$
| | | +-o SSP4@1480000 <class AppleUSB30XHCIPort, id 0x1000002d8,
reg$
| | | +-o USB3.1 Hub@1480000 <class IOUSBHostDevice, id
```

```

0x100000311$
    | | |      +-o AppleUSBHostLegacyClient <class
AppleUSBHostLegacyClient$
    | | |      +-o AppleUSB30GLHub@14800000 <class AppleUSB30GLHub, id
0x10$
    | | |      | +-o AppleUSB30HubPort@14810000 <class AppleUSB30HubPort,
i$
    | | |      | | +-o USB3.1 Hub@14810000 <class IOUSBHostDevice, id
0x100$
    | | |      | | +-o AppleUSBHostLegacyClient <class
AppleUSBHostLegacy$
    | | |      | | +-o AppleUSB30GLHub@14810000 <class AppleUSB30GLHub,
i$
    | | |      | | | +-o AppleUSB30HubPort@14811000 <class
AppleUSB30HubP$
    | | |      | | | +-o AppleUSB30HubPort@14812000 <class
AppleUSB30HubP$
    | | |      | | | +-o AppleUSB30HubPort@14813000 <class
AppleUSB30HubP$
    | | |      | | | +-o AppleUSB30HubPort@14814000 <class
AppleUSB30HubP$
    | | |      | | +-o GenesysLogic@0 <class IOUSBHostInterface, id
0x100$
    | | |      | +-o AppleUSB30HubPort@14820000 <class AppleUSB30HubPort,
i$
    | | |      | +-o AppleUSB30HubPort@14830000 <class AppleUSB30HubPort,
i$
    | | |      | +-o AppleUSB30HubPort@14840000 <class AppleUSB30HubPort,
i$
    | | |      +-o GenesysLogic@0 <class IOUSBHostInterface, id
0x100000330$
    | | +-o IMEI@16 <class IOPCIDevice, id 0x100000213, registered,
matched,$
    | | | +-o AppleIntelMEIDriver <class AppleIntelMEIDriver, id
0x10000041b$
    | | +-o pci8086,1e3d@16,3 <class IOPCIDevice, id 0x100000230,
registered$
    | | | +-o Apple16X50PCI22 <class com_apple_driver_16X50PCI, id
0x1000004$
    | | | +-o Apple16X50UARTSync22 <class
com_apple_driver_16X50UARTSync, $
    | | | +-o IOSerialBSDClient <class IOSerialBSDClient, id
0x100000458$
    | | +-o LANC@19 <class IOPCIDevice, id 0x1000001d2, registered,
matched,$
    | | | +-o IntelMausi <class IntelMausi, id 0x10000024f, !registered, !
ma$

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```

| | | +--o en0 <class IOEthernetInterface, id 0x100000306,
registered, $
| | | +--o IONetworkStack <class IONetworkStack, id 0x1000002ae,
regi$
| | | +--o IONetworkStackUserClient <class
IONetworkStackUserClient$
| | +--o EH02@1A <class IOPCIDevice, id 0x1000001e0, registered,
matched,$
| | | +--o EH02@1a000000 <class AppleUSBHCIPCI, id 0x100000248,
register$
| | | +--o PRT0@1a100000 <class AppleUSBHCIPort, id 0x10000030d,
regis$
| | | | +--o IOUSBHostDevice@1a100000 <class IOUSBHostDevice, id
0x1000$
| | | | +--o AppleUSBHostLegacyClient <class
AppleUSBHostLegacyClient$
| | | | +--o AppleUSB20InternalIntelHub@1a100000 <class
AppleUSB20Int$
| | | | | +--o HPT0@1a110000 <class AppleUSB20InternalIntelHubPort,
i$
| | | | | | +--o IOUSBHostDevice@1a110000 <class IOUSBHostDevice,
id $
| | | | | | +--o AppleUSBHostLegacyClient <class
AppleUSBHostLegacy$
| | | | | | +--o HPT1@1a120000 <class AppleUSB20InternalIntelHubPort,
i$
| | | | | | +--o USB Receiver@1a120000 <class IOUSBHostDevice, id
0x1$
| | | | | | +--o AppleUSBHostLegacyClient <class
AppleUSBHostLegacy$
| | | | | | +--o AppleUSBHostCompositeDevice <class
AppleUSBHostCom$
| | | | | | +--o IOUSBHostInterface@0 <class IOUSBHostInterface,
id$
| | | | | | | +--o AppleUserUSBHostHIDDevice <class
AppleUserHIDDev$
| | | | | | | +--o IOHIDInterface <class IOHIDInterface, id
0x100$
| | | | | | | +--o AppleUserHIDEventDriver <class
AppleUserHIDE$
| | | | | | | +--o IOHIDEventServiceUserClient <class
IOHIDEv$
| | | | | | | +--o IOUSBHostInterface@1 <class IOUSBHostInterface,
id$
| | | | | | | +--o AppleUserUSBHostHIDDevice <class
AppleUserHIDDev$
| | | | | | | +--o IOHIDInterface <class IOHIDInterface, id

```

```

0x100$
    | | | | | | | +-o AppleUserHIDEventDriver <class
AppleUserHIDE$
    | | | | | | | +-o IOHIDEventServiceUserClient <class
IOHIDEv$
    | | | | | | | +-o IOUSBHostInterface@2 <class IOUSBHostInterface,
id$
    | | | | | | | +-o AppleUserUSBHostHIDDevice <class
AppleUserHIDDev$
    | | | | | | | +-o IOHIDInterface <class IOHIDInterface, id
0x100$
    | | | | | | | +-o HPT2@1a130000 <class AppleUSB20InternalIntelHubPort,
i$
    | | | | | | | +-o HP HD Webcam [Fixed]@1a130000 <class
IOUSBHostDevice$
    | | | | | | | +-o AppleUSBHostLegacyClient <class
AppleUSBHostLegacy$
    | | | | | | | +-o AppleUSBHostCompositeDevice <class
AppleUSBHostCom$
    | | | | | | | +-o HP HD Webcam [Fixed]@0 <class
IOUSBHostInterface, $
    | | | | | | | | +-o VDCAssistant <class
AppleUSBHostInterfaceUserCli$
    | | | | | | | +-o HP HD Webcam [Fixed]@1 <class
IOUSBHostInterface, $
    | | | | | | | | +-o VDCAssistant <class
AppleUSBHostInterfaceUserCli$
    | | | | | | | +-o VDCAssistant <class
AppleUSBHostDeviceUserClient, $
    | | | | | | | +-o HPT3@1a140000 <class AppleUSB20InternalIntelHubPort,
i$
    | | | | | | | +-o HPT4@1a150000 <class AppleUSB20InternalIntelHubPort,
i$
    | | | | | | | +-o HPT5@1a160000 <class AppleUSB20InternalIntelHubPort,
i$
    | | | | | | | +-o IOUSBHostInterface@0 <class IOUSBHostInterface, id
0x100$
    | | | +-o HPT2@1a300000 <class AppleUSBEHCIPort, id 0x10000030e,
regis$
    | | +-o HDEF@1B <class IOPCIDevice, id 0x1000001d3, registered,
matched,$
    | | | +-o AppleHDAController@1B <class AppleHDAController, id
0x10000041$
    | | | +-o IOHDACodecDevice@1B,0 <class IOHDACodecDevice, id
0x10000041$
    | | | | +-o IOHDACodecDriver <class IOHDACodecDriver, id
0x100000420, $

```



```

IOAudioEngineUser$
  | | | |
  | +-o IOAudioEngineUserClient <class
IOAudioEngineUser$
  | | | |
  | +-o IOAudioEngineUserClient <class
IOAudioEngineUser$
  | | | |
  +-o AppleHDAEngineInput@1B,0,1,1 <class
AppleHDAEngine$
  | | | |
  | +-o AppleHDAStream <class AppleHDAStream, id
0x10000$
  | | | |
  | +-o IOAudioSelectorControl <class
IOAudioSelectorCon$
  | | | |
  | | +-o IOAudioControlUserClient <class
IOAudioControl$
  | | | |
  | +-o IOAudioLevelControl <class
IOAudioLevelControl, $
  | | | |
  | | +-o IOAudioControlUserClient <class
IOAudioControl$
  | | | |
  | +-o IOAudioLevelControl <class
IOAudioLevelControl, $
  | | | |
  | | +-o IOAudioControlUserClient <class
IOAudioControl$
  | | | |
  | +-o IOAudioEngineUserClient <class
IOAudioEngineUser$
  | | | |
  | +-o IOAudioEngineUserClient <class
IOAudioEngineUser$
  | | | |
  | +-o IOAudioEngineUserClient <class
IOAudioEngineUser$
  | | | |
  | +-o IOAudioEngineUserClient <class
IOAudioEngineUser$
  | | | |
  | +-o IOAudioEngineUserClient <class
IOAudioEngineUser$
  | | | |
  | +-o IOAudioEngineUserClient <class
IOAudioEngineUser$
  | | | |
  | +-o IOAudioEngineUserClient <class
IOAudioEngineUser$
  | | | |
  +-o AppleHDAEngineOutput@1B,0,1,2 <class
AppleHDAEngine$
  | | | |
  +-o AppleHDAStream <class AppleHDAStream, id
0x10000$
  | | | |
  +-o IOAudioToggleControl <class
IOAudioToggleControl$
  | | | |
  | +-o IOAudioControlUserClient <class
IOAudioControl$
  | | | |
  +-o AppleHDAStream <class AppleHDAStream, id
0x10000$
  | | | |
  +-o IOAudioSelectorControl <class
IOAudioSelectorCon$

```



```

IOAudioEngineUser$
    | | | |          +-o IOAudioEngineUserClient <class
IOAudioEngineUser$
    | | | |          +-o IOHDACodecDevice@1B,1 <class IOHDACodecDevice, id
0x10000041$
    | | | | | +-o IOHDACodecDriver <class IOHDACodecDriver, id
0x100000424, $
    | | | | | +-o IOHDACodecFunction@1B,1,1 <class IOHDACodecFunction,
id $
    | | | | | +-o IOHDACodecDevice@1B,3 <class IOHDACodecDevice, id
0x10000041$
    | | | | | +-o IOHDACodecDriver <class IOHDACodecDriver, id
0x100000441, $
    | | | | | +-o IOHDACodecFunction@1B,3,1 <class IOHDACodecFunction,
id $
    | | | | | +-o AppleHDACodecGeneric <class AppleHDACodecGeneric, id
0$
    | | | | | +-o AppleHDAHDMI_DPDriver <class
AppleHDAHDMI_DPDriver, $
    | | | +-o RP01@1C <class IOPCIDevice, id 0x100000201, registered,
matched,$
    | | | | +-o IOPP <class IOPCI2PCIBridge, id 0x100000250, registered,
match$
    | | | +-o RP02@1C,1 <class IOPCIDevice, id 0x100000202, registered,
matche$
    | | | | +-o IOPP <class IOPCI2PCIBridge, id 0x100000258, registered,
match$
    | | | +-o RP03@1C,2 <class IOPCIDevice, id 0x10000020b, registered,
matche$
    | | | | +-o IOPP <class IOPCI2PCIBridge, id 0x10000024a, registered,
match$
    | | | | +-o SMHC@0 <class IOPCIDevice, id 0x10000020c, registered,
match$
    | | | | +-o XDCC@0,2 <class IOPCIDevice, id 0x10000020e, registered,
mat$
    | | | +-o RP04@1C,3 <class IOPCIDevice, id 0x100000210, registered,
matche$
    | | | | +-o IOPP <class IOPCI2PCIBridge, id 0x10000025a, registered,
match$
    | | | | +-o ARPT@0 <class IOPCIDevice, id 0x100000211, registered,
match$
    | | | | +-o AirPort_BrcmNIC <class AirPort_BrcmNIC, id 0x100000267,
re$
    | | | | +-o CCLogPipe <class CCLogPipe, id 0x1000002be,
registered, $
    | | | | | +-o CCIReporterLogStream <class CCIReporterLogStream,
id$

```

```

| | | +-o CLogPipe <class CLogPipe, id 0x1000002d0,
registered, $
| | | | +-o CLogStream <class CLogStream, id 0x1000002d2,
regist$
| | | | +-o CLogStream <class CLogStream, id 0x1000002d3,
regist$
| | | +-o CDataPipe <class CDataPipe, id 0x1000002d5,
registered$
| | | | +-o CDataStream <class CDataStream, id 0x1000002d6,
regi$
| | | | +-o CFaultReporter <class CFaultReporter, id
0x1000002$
| | | +-o CLogPipe <class CLogPipe, id 0x100000307,
registered, $
| | | | +-o CLogStream <class CLogStream, id 0x100000308,
regist$
| | | +-o CDataPipe <class CDataPipe, id 0x100000309,
registered$
| | | | +-o CDataStream <class CDataStream, id 0x10000030a,
regi$
| | | +-o en1 <class Airport_BrcmNIC_Interface, id 0x10000030b,
re$
| | | | +-o IONetworkStack <class IONetworkStack, id
0x1000002ae, $
| | | | +-o IONetworkStackUserClient <class
IONetworkStackUserCL$
| | | +-o CDataPipe <class CDataPipe, id 0x1000003c9,
registered$
| | | | +-o CCIOReporterDataStream <class
CCIOReporterDataStream, $
| | | +-o Airport_BrcmNIC_P2PInterface <class
Airport_BrcmNIC_P2PI$
| | | +-o CLogPipe <class CLogPipe, id 0x10000049f,
registered, $
| | | | +-o CLogStream <class CLogStream, id 0x1000004a0,
regist$
| | | +-o Airport_BrcmNIC_P2PInterface <class
Airport_BrcmNIC_P2PI$
| | | +-o Airport_Brcm43xxLLSkywalkInterface <class
Airport_Brcm43$
| | | +-o IOSkywalkNetworkBSDClient <class
IOSkywalkNetworkBSDCL$
| | +-o EH01@1D <class IOPCIDevice, id 0x1000001d4, registered,
matched,$
| | | +-o EH01@1d000000 <class AppleUSBEHCIPCI, id 0x100000249,
register$
| | | +-o PRT0@1d100000 <class AppleUSBEHCIPort, id 0x1000002e3,

```

```

regis$
  | | |      +-o IOUSBHostDevice@1d100000 <class IOUSBHostDevice, id
0x1000$
  | | |      +-o AppleUSBHostLegacyClient <class
AppleUSBHostLegacyClient$
  | | |      +-o AppleUSB20InternalIntelHub@1d100000 <class
AppleUSB20Int$
  | | |      | +-o HPT0@1d110000 <class AppleUSB20InternalIntelHubPort,
i$
  | | |      | +-o HPT1@1d120000 <class AppleUSB20InternalIntelHubPort,
i$
  | | |      | +-o HPT2@1d130000 <class AppleUSB20InternalIntelHubPort,
i$
  | | |      | +-o HPT3@1d140000 <class AppleUSB20InternalIntelHubPort,
i$
  | | |      | +-o HPT4@1d150000 <class AppleUSB20InternalIntelHubPort,
i$
  | | |      | +-o HPT5@1d160000 <class AppleUSB20InternalIntelHubPort,
i$
  | | |      | | +-o BCM20702A0@1d160000 <class IOUSBHostDevice, id
0x100$
  | | |      | | +-o AppleUSBHostLegacyClient <class
AppleUSBHostLegacy$
  | | |      | | +-o BroadcomBluetoothHostControllerUSBTransport
<class$
  | | |      | | | +-o IOBluetoothACPIMethods <class
IOBluetoothACPIMet$
  | | |      | | | +-o IOUSBHostInterface@0 <class IOUSBHostInterface,
id$
  | | |      | | | +-o IOUSBHostInterface@1 <class IOUSBHostInterface,
id$
  | | |      | | | +-o IOUSBHostInterface@2 <class IOUSBHostInterface,
id$
  | | |      | | | +-o IOUSBHostInterface@3 <class IOUSBHostInterface,
id$
  | | |      | +-o HPT6@1d170000 <class AppleUSB20InternalIntelHubPort,
i$
  | | |      | +-o HPT7@1d180000 <class AppleUSB20InternalIntelHubPort,
i$
  | | |      +-o IOUSBHostInterface@0 <class IOUSBHostInterface, id
0x100$
  | | +-o LPCB@1F <class IOPCIDevice, id 0x1000001f6, registered,
matched,$
  | | | +-o AppleLPC <class AppleLPC, id 0x10000043e, registered,
matched,$
  | | | +-o com_apple_driver_eficheck <class com_apple_driver_eficheck,
id$

```

```

| | +--o SATA@1F,2 <class IOPCIDevice, id 0x1000001f7, registered,
matche$
| | +--o AppleIntelPchSeriesAHCI <class AppleIntelPchSeriesAHCI, id
0x1$
| | +--o PRT0@0 <class AppleIntelPchSeriesAHCIPort, id 0x1000001f8,
r$
| | | +--o IOAHCIDevice@0 <class IOAHCIDevice, id 0x100000263,
regist$
| | | +--o AppleAHCIDiskDriver <class AppleAHCIDiskDriver, id
0x100$
| | | +--o IOAHCIBlockStorageDevice <class
IOAHCIBlockStorageDevi$
| | | +--o IOBlockStorageDriver <class IOBlockStorageDriver,
id$
| | | +--o TS512GSSD370 Media <class IOMedia, id
0x10000026f,$
| | | +--o IOMediaBSDClient <class IOMediaBSDClient, id
0x1$
| | | +--o IOGUIDPartitionScheme <class
IOGUIDPartitionSche$
| | | +--o EFI System Partition@1 <class IOMedia, id
0x10$
| | | | +--o IOMediaBSDClient <class IOMediaBSDClient,
id$
| | | +--o Untitled 2@2 <class IOMedia, id 0x1000002bd,
r$
| | | +--o IOMediaBSDClient <class IOMediaBSDClient,
id$
| | | +--o AppleAPFSContainerScheme <class
AppleAPFSCon$
| | | +--o AppleAPFSMedia <class AppleAPFSMedia, id
0$
| | | +--o AppleAPFSMediaBSDClient <class
AppleAPFS$
| | | +--o AppleAPFSContainer <class
AppleAPFSConta$
| | | +--o Cellula - Data@1 <class
AppleAPFSVolum$
| | | | +--o AppleAPFSVolumeBSDClient <class
Appl$
| | | +--o Preboot@2 <class AppleAPFSVolume, id
0$
| | | | +--o AppleAPFSVolumeBSDClient <class
Appl$
| | | +--o Recovery@3 <class AppleAPFSVolume,
id $
| | | | +--o AppleAPFSVolumeBSDClient <class

```

```

Appl$
| | | +-o VM@4 <class AppleAPFSVolume, id
0x1000$
| | | | +-o AppleAPFSVolumeBSDClient <class
Appl$
| | | +-o Cellula@5 <class AppleAPFSVolume, id
0$
| | | | +-o AppleAPFSVolumeBSDClient <class
Appl$
| | | | +-o
com.apple.os.update-5DC2B8AA591ED241E$
| | | | +-o IOMediaBSDClient <class
IOMediaBSD$
| | | +-o Update@6 <class AppleAPFSVolume, id
0x$
| | | | +-o AppleAPFSVolumeBSDClient <class
Appl$
| | +-o PRT1@1 <class AppleIntelPchSeriesAHCIPort, id 0x1000001f9,
r$
| | | +-o IOAHCIDevice@0 <class IOAHCIDevice, id 0x100000265,
regist$
| | | | +-o IOAHCISerialATAPI <class IOAHCISerialATAPI, id
0x10000002$
| | | | +-o IOSCSIPeripheralDeviceNub <class
IOSCSIPeripheralDevic$
| | | | +-o IOSCSIPeripheralDeviceType05 <class
IOSCSIPeripheral$
| | | | +-o IODVDServices <class IODVDServices, id
0x10000028f$
| | | | +-o SCSIUserClientIniter <class
SCSITaskUserClie$
| | | | +-o IODVDBlockStorageDriver <class
IODVDBlockStorage$
| | | | +-o hp DVD A DS8A9SH Media <class IODVDMedia, id
0$
| | | | | +-o IODVDMediaBSDClient <class
IODVDMediaBSDClie$
| | | | +-o SCSIUserClient <class SCSIUserClient,
id$
| | +-o PRT3@3 <class AppleIntelPchSeriesAHCIPort, id 0x1000001fb,
r$
| | +-o PRT4@4 <class AppleIntelPchSeriesAHCIPort, id 0x100000293,
r$
| | +-o PRT5@5 <class AppleIntelPchSeriesAHCIPort, id 0x1000001fc,
r$
| +-o PDRC <class IOACPIPlatformDevice, id 0x100000145, registered,
matche$

```

```
| +-o EC0 <class IOACPIPlatformDevice, id 0x10000017f, registered,
matched$
| | +-o AppleACPIEC <class AppleACPIEC, id 0x100000217, registered,
matche$
| +-o DMAC <class IOACPIPlatformDevice, id 0x100000180, registered,
matche$
| +-o FWHD <class IOACPIPlatformDevice, id 0x100000181, registered,
matche$
| +-o GTPM <class IOACPIPlatformDevice, id 0x100000182, registered,
matche$
| +-o HPET <class IOACPIPlatformDevice, id 0x100000183, registered,
matche$
| | +-o AppleHPET <class AppleHPET, id 0x100000218, !registered, !
matched,$
| +-o IPIC <class IOACPIPlatformDevice, id 0x100000184, registered,
matche$
| +-o MATH <class IOACPIPlatformDevice, id 0x100000185, registered,
matche$
| +-o LDRC <class IOACPIPlatformDevice, id 0x100000186, registered,
matche$
| +-o RTC <class IOACPIPlatformDevice, id 0x100000187, registered,
matched$
| | +-o AppleRTC <class AppleRTC, id 0x100000219, registered, matched,
act$
| | +-o AppleRTCUserClient <class AppleRTCUserClient, id
0x100000221, !r$
| +-o TIMR <class IOACPIPlatformDevice, id 0x100000188, registered,
matche$
| +-o SIO <class IOACPIPlatformDevice, id 0x100000189, registered,
matched$
| +-o LPT0 <class IOACPIPlatformDevice, id 0x10000018a, registered,
matche$
| +-o PS2K <class IOACPIPlatformDevice, id 0x10000018b, registered,
matche$
| | +-o ps2controller <class AppleACPIPS2Nub, id 0x100000222,
registered, $
| | +-o ApplePS2Controller <class ApplePS2Controller, id 0x100000269,
re$
| | +-o ApplePS2KeyboardDevice <class ApplePS2KeyboardDevice, id
0x100$
| | | +-o ApplePS2Keyboard <class ApplePS2Keyboard, id 0x10000027b,
re$
| | | +-o IOHIDKeyboardEventDevice <class
IOHIDKeyboardEventDevice, $
| | | | +-o IOHIDInterface <class IOHIDInterface, id 0x1000002b8,
re$
| | | | +-o IOHIDEventDriver <class IOHIDEventDriver, id
```

```

0x1000004$
| | | | +-o IOHIDEventServiceUserClient <class
IOHIDEventService$
| | | +-o IOHIDSystem <class IOHIDSystem, id 0x1000002ad,
registered$
| | | +-o IOHIDUserClient <class IOHIDUserClient, id
0x100000498, $
| | | +-o IOHIDEventSystemUserClient <class
IOHIDEventSystemUserCl$
| | | +-o IOHIDParamUserClient <class IOHIDParamUserClient, id
0x1$
| | | +-o IOHIDParamUserClient <class IOHIDParamUserClient, id
0x1$
| | | +-o IOHIDParamUserClient <class IOHIDParamUserClient, id
0x1$
| | | +-o IOHIDParamUserClient <class IOHIDParamUserClient, id
0x1$
| | +-o ApplePS2MouseDevice <class ApplePS2MouseDevice, id
0x10000027a$
| | +-o ApplePS2SynapticsTouchPad <class
ApplePS2SynapticsTouchPad, $
| | +-o IOHIDPointingEventDevice <class
IOHIDPointingEventDevice, $
| | | +-o IOHIDInterface <class IOHIDInterface, id 0x1000002b9,
re$
| | | +-o IOHIDEventDriver <class IOHIDEventDriver, id
0x1000004$
| | | +-o IOHIDEventServiceUserClient <class
IOHIDEventService$
| | | +-o IOHIDSystem <class IOHIDSystem, id 0x1000002ad,
registered$
| | | +-o IOHIDUserClient <class IOHIDUserClient, id
0x100000498, $
| | | +-o IOHIDEventSystemUserClient <class
IOHIDEventSystemUserCl$
| | | +-o IOHIDParamUserClient <class IOHIDParamUserClient, id
0x1$
| | | +-o IOHIDParamUserClient <class IOHIDParamUserClient, id
0x1$
| | | +-o IOHIDParamUserClient <class IOHIDParamUserClient, id
0x1$
| | | +-o IOHIDParamUserClient <class IOHIDParamUserClient, id
0x1$
| +-o PS2M <class IOACPIPlatformDevice, id 0x10000018c, registered,
matche$
| | +-o ps2controller <class AppleACPIPS2Nub, id 0x100000222,
registered, $

```

```

| | +--o ApplePS2Controller <class ApplePS2Controller, id 0x10000269,
re$
| | +--o ApplePS2KeyboardDevice <class ApplePS2KeyboardDevice, id
0x100$
| | | +--o ApplePS2Keyboard <class ApplePS2Keyboard, id 0x1000027b,
re$
| | | | +--o IOHIDKeyboardEventDevice <class
IOHIDKeyboardEventDevice, $
| | | | | +--o IOHIDInterface <class IOHIDInterface, id 0x100002b8,
re$
| | | | | +--o IOHIDEventDriver <class IOHIDEventDriver, id
0x1000004$
| | | | | +--o IOHIDEventServiceUserClient <class
IOHIDEventService$
| | | | +--o IOHIDSystem <class IOHIDSystem, id 0x100002ad,
registered$
| | | | +--o IOHIDUserClient <class IOHIDUserClient, id
0x100000498, $
| | | | +--o IOHIDEventSystemUserClient <class
IOHIDEventSystemUserCl$
| | | | +--o IOHIDParamUserClient <class IOHIDParamUserClient, id
0x1$
| | | | +--o IOHIDParamUserClient <class IOHIDParamUserClient, id
0x1$
| | | | +--o IOHIDParamUserClient <class IOHIDParamUserClient, id
0x1$
| | | | +--o IOHIDParamUserClient <class IOHIDParamUserClient, id
0x1$
| | +--o ApplePS2MouseDevice <class ApplePS2MouseDevice, id
0x10000027a$
| | +--o ApplePS2SynapticsTouchPad <class
ApplePS2SynapticsTouchPad, $
| | +--o IOHIDPointingEventDevice <class
IOHIDPointingEventDevice, $
| | | +--o IOHIDInterface <class IOHIDInterface, id 0x100002b9,
re$
| | | | +--o IOHIDEventDriver <class IOHIDEventDriver, id
0x1000004$
| | | | | +--o IOHIDEventServiceUserClient <class
IOHIDEventService$
| | | | +--o IOHIDSystem <class IOHIDSystem, id 0x100002ad,
registered$
| | | | +--o IOHIDUserClient <class IOHIDUserClient, id
0x100000498, $
| | | | +--o IOHIDEventSystemUserClient <class
IOHIDEventSystemUserCl$
| | | | +--o IOHIDParamUserClient <class IOHIDParamUserClient, id

```

```
0x1$
| | +--o IOHIDParamUserClient <class IOHIDParamUserClient, id
0x1$
| | +--o IOHIDParamUserClient <class IOHIDParamUserClient, id
0x1$
| | +--o IOHIDParamUserClient <class IOHIDParamUserClient, id
0x1$
| +--o EC <class IOACPIPlatformDevice, id 0x10000018d, registered,
matched,$
| +--o ACEL <class IOACPIPlatformDevice, id 0x1000001aa, registered,
matche$
| +--o MEM2 <class IOACPIPlatformDevice, id 0x1000001ad, registered,
matche$
| +--o BAT0 <class IOACPIPlatformDevice, id 0x1000001b6, registered,
matche$
| +--o ADP1 <class IOACPIPlatformDevice, id 0x1000001b7, registered,
matche$
| | +--o AppleACPIACAdapter <class AppleACPIACAdapter, id 0x10000021c, !
reg$
| +--o SLPB <class IOACPIPlatformDevice, id 0x1000001b8, registered,
matche$
| | +--o AppleACPIButton <class AppleACPIButton, id 0x10000021a,
registered$
| | +--o IOHIDEventServiceUserClient <class
IOHIDEventServiceUserClient, $
| +--o LID <class IOACPIPlatformDevice, id 0x1000001b9, registered,
matched$
| | +--o AppleACPI Lid <class AppleACPI Lid, id 0x10000021b, registered,
matc$
| | +--o IOHIDEventServiceUserClient <class
IOHIDEventServiceUserClient, $
| +--o PNLF <class IOACPIPlatformDevice, id 0x1000001ba, registered,
matche$
| | +--o AppleIntelPanelA <class AppleIntelPanelA, id 0x10000044e,
register$
| +--o SMCD <class IOACPIPlatformDevice, id 0x1000001bc, registered,
matche$
| +--o PTID <class IOACPIPlatformDevice, id 0x1000001bd, registered,
matche$
| +--o power-button <class IOACPIPlatformDevice, id 0x100000216,
registered$
| | +--o AppleACPIButton <class AppleACPIButton, id 0x100000227,
registered$
| | +--o IOHIDEventServiceUserClient <class
IOHIDEventServiceUserClient, $
| +--o SMC <class VirtualSMC, id 0x10000021d, registered, matched,
active, $
```



```
| | +-o IOBluetoothHCIUserClient <class IOBluetoothHCIUserClient, id
0x100$
| | +-o IOBluetoothHCIUserClient <class IOBluetoothHCIUserClient, id
0x100$
| | +-o IOBluetoothHCIUserClient <class IOBluetoothHCIUserClient, id
0x100$
| | +-o IOBluetoothHCIUserClient <class IOBluetoothHCIUserClient, id
0x100$
| | +-o IOBluetoothHCIUserClient <class IOBluetoothHCIUserClient, id
0x100$
| | +-o IOBluetoothHCIUserClient <class IOBluetoothHCIUserClient, id
0x100$
| | +-o IOBluetoothHCIUserClient <class IOBluetoothHCIUserClient, id
0x100$
| | +-o IOBluetoothHCIUserClient <class IOBluetoothHCIUserClient, id
0x100$
| +-o IOBluetoothPacketLogger <class IOBluetoothPacketLogger, id
0x1000001$
| +-o IOHDIXController <class IOHDIXController, id 0x100000120,
registered$
| +-o IOKitRegistryCompatibility <class IOKitRegistryCompatibility, id
0x1$
| | +-o display <class IOServiceCompatibility, id 0x100000233,
registered,$
| | +-o IOFB <class IOServiceCompatibility, id 0x100000234,
registered, $
| | +-o IOAccelerator <class IOServiceCompatibility, id 0x100000235,
reg$
| +-o IOReportHub <class IOReportHub, id 0x100000122, registered,
matched,$
| | +-o IOReportUserClient <class IOReportUserClient, id 0x1000004c1, !
reg$
| | +-o IOReportUserClient <class IOReportUserClient, id 0x10000056f, !
reg$
| | +-o IOReportUserClient <class IOReportUserClient, id 0x100000570, !
reg$
| +-o IOTimeSyncClockManager <class IOTimeSyncClockManager, id
0x100000123$
| | +-o IOTimeSyncTranslationMach <class IOTimeSyncTranslationMach, id
0x1$
| | | +-o IOTimeSyncUserClient <class IOTimeSyncUserClient, id
0x1000003eb$
| | | +-o IOTimeSyncUserClient <class IOTimeSyncUserClient, id
0x1000003f1$
| | +-o IOTimeSyncClockManagerUserClient <class
IOTimeSyncClockManagerUser$
| | +-o IOTimeSyncClockManagerUserClient <class
```

```

IOTimeSyncClockManagerUser$
  | | +-o IOTimeSyncgPTPManager <class IOTimeSyncgPTPManager, id
0x10000040f$
    | |   +-o IOTimeSyncDomain <class IOTimeSyncDomain, id 0x100000410,
regist$
      | |     | +-o IOTimeSyncTimeSyncTimePort <class
IOTimeSyncTimeSyncTimePort, $
        | |       | +-o IOTimeSyncDomainUserClient <class
IOTimeSyncDomainUserClient, $
          | |         | +-o IOTimeSyncDomainUserClient <class
IOTimeSyncDomainUserClient, $
            | |           | +-o IOTimeSyncDomainUserClient <class
IOTimeSyncDomainUserClient, $
              | |             | +-o IOTimeSyncDomainUserClient <class
IOTimeSyncDomainUserClient, $
                | |               | +-o IOTimeSyncDomainUserClient <class
IOTimeSyncDomainUserClient, $
                  | |                 | +-o IOTimeSyncDomainUserClient <class
IOTimeSyncDomainUserClient, $
                    | |                   +-o IOTimeSyncgPTPManagerUserClient <class
IOTimeSyncgPTPManagerUser$
                      | +-o IOUSBMassStorageResource <class IOUSBMassStorageResource, id
0x10000$
                        | +-o Lilu <class Lilu, id 0x100000125, !registered, !matched, active,
bus$
                          | +-o AppleALC <class AppleALC, id 0x100000126, !registered, !matched,
act$
                            | +-o SMCBatteryManager <class SMCBatteryManager, id 0x100000228, !
registe$
                              | +-o WhateverGreen <class WhateverGreen, id 0x100000229, !registered, !
ma$
                                | +-o BrcmFirmwareStore <class BrcmFirmwareStore, id 0x10000022a,
register$
                                  | +-o AirportBrcmFixup <class AirportBrcmFixup, id 0x10000022b, !
registre$
                                    | +-o AppleUSBHostResources <class AppleUSBHostResources, id
0x100000280, $
                                      | | +-o AppleUSBLegacyRoot <class AppleUSBLegacyRoot, id 0x10000028a,
regi$
                                        | | | +-o AppleUSBXHCI@14000000 <class AppleUSBController, id
0x100000315,$
                                          | | | | +-o AppleUSBXHCI Root Hub Simulation@14000000 <class
AppleUSBRootH$
                                            | | | | | +-o USB3.1 Hub@14800000 <class AppleUSBDevice, id 0x100000318,
reg$

```

```
| | | | | +-o GenesysLogic@0 <class AppleUSBInterface, id 0x100000331, !
re$
| | | | +-o USB3.1 Hub@14810000 <class AppleUSBDevice, id 0x100000362,
reg$
| | | | +-o GenesysLogic@0 <class AppleUSBInterface, id 0x10000036b, !
re$
| | | +-o AppleUSBHCI@1a000000 <class AppleUSBController, id
0x10000031e,$
| | | | +-o AppleUSBHCI Root Hub Simulation@1a000000 <class
AppleUSBRootH$
| | | | +-o IOUSBHostDevice@1a100000 <class AppleUSBDevice, id
0x100000321$
| | | | | +-o AppleUSBInterface@0 <class AppleUSBInterface, id
0x100000336$
| | | | +-o IOUSBHostDevice@1a110000 <class AppleUSBDevice, id
0x100000376$
| | | | +-o HP HD Webcam [Fixed]@1a130000 <class AppleUSBDevice, id
0x1000$
| | | | | +-o HP HD Webcam [Fixed]@0 <class AppleUSBInterface, id
0x100000$
| | | | | +-o HP HD Webcam [Fixed]@1 <class AppleUSBInterface, id
0x100000$
| | | | +-o USB Receiver@1a120000 <class AppleUSBDevice, id 0x100000395,
r$
| | | | +-o AppleUSBInterface@0 <class AppleUSBInterface, id
0x10000039e$
| | | | +-o AppleUSBInterface@1 <class AppleUSBInterface, id
0x10000039f$
| | | | +-o AppleUSBInterface@2 <class AppleUSBInterface, id
0x1000003a0$
| | | +-o AppleUSBHCI@1d000000 <class AppleUSBController, id
0x100000325,$
| | | +-o AppleUSBHCI Root Hub Simulation@1d000000 <class
AppleUSBRootH$
| | | +-o IOUSBHostDevice@1d100000 <class AppleUSBDevice, id
0x100000328$
| | | | +-o AppleUSBInterface@0 <class AppleUSBInterface, id
0x100000346$
| | | +-o BCM20702A0@1d160000 <class AppleUSBDevice, id 0x10000037c,
reg$
| | | +-o AppleUSBInterface@0 <class AppleUSBInterface, id
0x100000388$
| | | +-o AppleUSBInterface@1 <class AppleUSBInterface, id
0x100000389$
| | | +-o AppleUSBInterface@2 <class AppleUSBInterface, id
0x10000038a$
| | | +-o AppleUSBInterface@3 <class AppleUSBInterface, id
```

```
0x10000038b$
  | | +-o AppleUSBHostPacketFilter <class AppleUSBHostPacketFilter, id
0x100$
  | +-o SMCSMBusController <class SMCSMBusController, id 0x100000283,
regist$
  | | +-o AppleSmartBatteryManager <class AppleSmartBatteryManager, id
0x100$
  | | +-o AppleSmartBattery <class AppleSmartBattery, id 0x100000289,
regi$
  | +-o com_apple_AppleFSCompression_AppleFSCompressionTypeDataless <class
c$
  | +-o com_apple_AppleFSCompression_AppleFSCompressionTypeZlib <class
com_a$
  | +-o AppleImage4 <class AppleImage4, id 0x1000002a6, registered,
matched,$
  | +-o AppleMobileFileIntegrity <class AppleMobileFileIntegrity, id
0x10000$
  | +-o AppleSystemPolicy <class AppleSystemPolicy, id 0x1000002a8,
register$
  | | +-o AppleSystemPolicyUserClient <class AppleSystemPolicyUserClient,
id$
  | +-o com_apple_BootCache <class com_apple_BootCache, id 0x1000002a9, !
reg$
  | +-o com_apple_filesystems_hfs <class com_apple_filesystems_hfs, id
0x100$
  | +-o com_apple_filesystems_hfs_encodings <class
com_apple_filesystems_hfs$
  | +-o IOHIDResource <class IOHIDResource, id 0x1000002ac, registered,
matc$
  | +-o IOHIDSystem <class IOHIDSystem, id 0x1000002ad, registered,
matched,$
  | | +-o IOHIDUserClient <class IOHIDUserClient, id 0x100000498, !
registere$
  | | +-o IOHIDEventSystemUserClient <class IOHIDEventSystemUserClient, id
0$
  | | +-o IOHIDParamUserClient <class IOHIDParamUserClient, id
0x100000510, $
  | | +-o IOHIDParamUserClient <class IOHIDParamUserClient, id
0x100000533, $
  | | +-o IOHIDParamUserClient <class IOHIDParamUserClient, id
0x100000564, $
  | | +-o IOHIDParamUserClient <class IOHIDParamUserClient, id
0x100000599, $
  | +-o IONetworkStack <class IONetworkStack, id 0x1000002ae, registered,
ma$
  | | +-o IONetworkStackUserClient <class IONetworkStackUserClient, id
0x100$
```

```
| +-o IOSkywalkTester <class IOSkywalkTester, id 0x1000002af,
registered, $
| +-o IOSurfaceRoot <class IOSurfaceRoot, id 0x1000002b0, registered,
matc$
| | +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id
0x100000$
| | +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id
0x100000$
| | +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id
0x100000$
| | +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id
0x100000$
| | +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id
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| | +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id
0x100000$
| | +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id
0x100000$
| +-o AppleBSDKextStarterTMPFS <class AppleBSDKextStarter, id
0x1000002b1,$
| +-o AppleSCSISubsystemGlobals <class AppleSCSISubsystemGlobals, id
0x100$
| +-o AppleIntelSlowAdaptiveClockingManager <class
AppleIntelSlowAdaptiveC$
| +-o AppleGPUWrangler <class AppleGPUWrangler, id 0x10000045e,
registered$
| | +-o AppleGraphicsDeviceControlPlugin <class
AppleGraphicsDeviceControl$
| | | +-o AGDCPluginDisplayMetrics <class AGDCPluginDisplayMetrics, id
0x1$
| | +-o AppleGPUWranglerClient <class AppleGPUWranglerClient, id
0x1000004$
| | +-o AppleGPUWranglerClient <class AppleGPUWranglerClient, id
0x1000004$
| | +-o AppleGPUWranglerClient <class AppleGPUWranglerClient, id
```

```

0x1000005$
  | | +-o AppleGPUWranglerClient <class AppleGPUWranglerClient, id
0x1000005$
  | +-o AppleDiskImagesController <class AppleDiskImagesController, id
0x100$
  | +-o AppleHV <class AppleHV, id 0x100000462, registered, matched,
active,$
  | +-o Dont_Steal_Mac_OS_X <class Dont_Steal_Mac_OS_X, id 0x100000463, !
reg$
  | +-o IOAVBNUb <class IOAVBNUb, id 0x100000464, registered, matched,
activ$
  | +-o IOBluetoothSerialManager <class IOBluetoothSerialManager, id
0x10000$
  | | +-o IOBluetoothSerialClient <class IOBluetoothSerialClient, id
0x10000$
  | |   +-o IOBluetoothSerialClientSerialStreamSync <class
IOBluetoothSerial$
  | |     +-o IOSerialBSDClient <class IOSerialBSDClient, id 0x100000478,
re$
  | +-o IODisplayWrangler <class IODisplayWrangler, id 0x100000466,
register$
  | | +-o IOGDiagnosticsTraceClient <class IOGDiagnosticsTraceClient, id
0x1$
  | | +-o IOAccelerationUserClient <class IOAccelerationUserClient, id
0x100$
  | +-o AppleUSBUserHCIResources <class AppleUSBUserHCIResources, id
0x10000$
  | +-o IOUserEthernetResource <class IOUserEthernetResource, id
0x100000468$
  | +-o com_apple_driver_pmtlemetry <class com_apple_driver_pmtlemetry,
id$
  +-o IOUserResources <class IOUserResources, id 0x100000113, registered,
ma$
+-o
IOUserServer(com.apple.driverkit.AppleUserUSBHostHIDDeviceKB-0x10000044$
+-o
IOUserServer(com.apple.driverkit.AppleUserUSBHostHIDDevice1-0x100000430$
+-o
IOUserServer(com.apple.driverkit.AppleUserUSBHostHIDDevice0-0x10000041d$
+-o IOUserServer(com.apple.driverkit.AppleUserHIDEventDriver-0x100000486)
$
+-o IOUserServer(com.apple.driverkit.AppleUserHIDEventDriver-0x10000048e)
$
aristideslamboglia@Aristidess-MacBook-Pro ~ %

```