Misc AMDGPU driver information

GPU Product Information

Information about the GPU can be obtained on certain cards via sysfs

product_name

> **System Message: ERROR/3** (`D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\gpu\amdgpu\(linux-master)(Documentation)(gpu)(amdgpu)driver-misc.rst, line 14`)
>
> Unknown directive type "kernel-doc".
>
> ```
>     .. kernel-doc:: drivers/gpu/drm/amd/amdgpu/amdgpu_device.c
>        :doc: product_name
> ```

product_number

> **System Message: ERROR/3** (`D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\gpu\amdgpu\(linux-master)(Documentation)(gpu)(amdgpu)driver-misc.rst, line 20`)
>
> Unknown directive type "kernel-doc".
>
> ```
>     .. kernel-doc:: drivers/gpu/drm/amd/amdgpu/amdgpu_device.c
>        :doc: product_name
> ```

serial_number

> **System Message: ERROR/3** (`D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\gpu\amdgpu\(linux-master)(Documentation)(gpu)(amdgpu)driver-misc.rst, line 26`)
>
> Unknown directive type "kernel-doc".
>
> ```
>     .. kernel-doc:: drivers/gpu/drm/amd/amdgpu/amdgpu_device.c
>        :doc: serial_number
> ```

unique_id

> **System Message: ERROR/3** (`D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\gpu\amdgpu\(linux-master)(Documentation)(gpu)(amdgpu)driver-misc.rst, line 32`)
>
> Unknown directive type "kernel-doc".
>
> ```
>     .. kernel-doc:: drivers/gpu/drm/amd/pm/amdgpu_pm.c
>        :doc: unique_id
> ```

GPU Memory Usage Information

Various memory accounting can be accessed via sysfs

mem_info_vram_total

> **System Message: ERROR/3** (`D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\gpu\amdgpu\(linux-master)(Documentation)(gpu)(amdgpu)driver-misc.rst, line 43`)
>
> Unknown directive type "kernel-doc".
>
> ```
>     .. kernel-doc:: drivers/gpu/drm/amd/amdgpu/amdgpu_vram_mgr.c
> ```

mem_info_vram_used

mem_info_vis_vram_total

mem_info_vis_vram_used

mem_info_gtt_total

mem_info_gtt_used

PCIe Accounting Information

pcie_bw

Unknown directive type "kernel-doc".

```
.. kernel-doc:: drivers/gpu/drm/amd/pm/amdgpu_pm.c
   :doc: pcie_bw
```

pcie_replay_count

Unknown directive type "kernel-doc".

```
.. kernel-doc:: drivers/gpu/drm/amd/amdgpu/amdgpu_device.c
   :doc: pcie_replay_count
```

GPU SmartShift Information

GPU SmartShift information via sysfs

smartshift_apu_power

Unknown directive type "kernel-doc".

```
.. kernel-doc:: drivers/gpu/drm/amd/pm/amdgpu_pm.c
   :doc: smartshift_apu_power
```

smartshift_dgpu_power

Unknown directive type "kernel-doc".

```
.. kernel-doc:: drivers/gpu/drm/amd/pm/amdgpu_pm.c
   :doc: smartshift_dgpu_power
```

smartshift_bias

Unknown directive type "kernel-doc".

```
.. kernel-doc:: drivers/gpu/drm/amd/pm/amdgpu_pm.c
   :doc: smartshift_bias
```