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
```

```
                    :doc: mem_info_vram_total
```

mem_info_vram_used

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\gpu\amdgpu\[linux-master][Documentation][gpu][amdgpu]driver-misc.rst, line 49)

Unknown directive type "kernel-doc".

```
    .. kernel-doc:: drivers/gpu/drm/amd/amdgpu/amdgpu_vram_mgr.c
       :doc: mem_info_vram_used
```

mem_info_vis_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 55)

Unknown directive type "kernel-doc".

```
    .. kernel-doc:: drivers/gpu/drm/amd/amdgpu/amdgpu_vram_mgr.c
       :doc: mem_info_vis_vram_total
```

mem_info_vis_vram_used

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\gpu\amdgpu\[linux-master][Documentation][gpu][amdgpu]driver-misc.rst, line 61)

Unknown directive type "kernel-doc".

```
    .. kernel-doc:: drivers/gpu/drm/amd/amdgpu/amdgpu_vram_mgr.c
       :doc: mem_info_vis_vram_used
```

mem_info_gtt_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 67)

Unknown directive type "kernel-doc".

```
    .. kernel-doc:: drivers/gpu/drm/amd/amdgpu/amdgpu_gtt_mgr.c
       :doc: mem_info_gtt_total
```

mem_info_gtt_used

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\gpu\amdgpu\[linux-master][Documentation][gpu][amdgpu]driver-misc.rst, line 73)

Unknown directive type "kernel-doc".

```
    .. kernel-doc:: drivers/gpu/drm/amd/amdgpu/amdgpu_gtt_mgr.c
       :doc: mem_info_gtt_used
```

PCIe Accounting Information

pcie_bw

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\gpu\amdgpu\[linux-master][Documentation][gpu][amdgpu]driver-

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
```