

## Packages - Bug #1961

### [mesa] games are using software rendering

2018-08-17 07:55 PM - ani

<b>Status:</b> not-a-bug	<b>% Done:</b> 0%
<b>Priority:</b> bug	
<b>Assignee:</b>	
<b>Category:</b>	
<b>Description</b>	
I double checked with two different AMD cards and the folks at #dri-devel:	
<pre>&lt;`ani`&gt; OpenGL version string: 3.1 Mesa 18.1.5 &lt;`ani`&gt; server glx vendor string: SGI &lt;`ani`&gt; client glx vendor string: Mesa Project and SGI &lt;`ani`&gt; OpenGL vendor string: VMware, Inc. &lt;bnieuwen1uizen&gt; The "OpenGL renderer string" Would be useful &lt;`ani`&gt; OpenGL renderer string: llvmpipe (LLVM 6.0, 128 bits) &lt;bnieuwen1uizen&gt; yep software &lt;`ani`&gt; ok.</pre>	
Installed on the system:	
<pre>mesa 18.1.5-1 vulkan-radeon 18.1.5-1 xf86-video-ati 1:18.0.1-2 xf86-video-amdgpu 18.0.1-2</pre>	

### History

#### #1 - 2018-08-17 10:02 PM - freemor

Do you have a custom xorg.conf or files in the /etc/X11/xorg.conf.d/  
If so please post those here

#### #2 - 2018-08-18 04:49 AM - ani

[freemor](#)

No.

#### #3 - 2018-08-18 01:01 PM - freemor

In that case the most likely explanation is that both cards require firmware blobs for 3D acceleration.

Please install lshw and post the output of:

```
lshw -numeric -C display
```

That will provide the numeric ID of the chipset that can then be searched for more information. Video card names and models are often confusing. You need to know the exact chipset you are dealing with. AMD and NVIDIA cards are notorious for not working well without firmware blobs.

#### #4 - 2018-08-18 01:15 PM - ani

[freemor](#)

<http://paste.debian.net/1038395/>

#### #5 - 2018-08-18 01:41 PM - freemor

- Status changed from open to not-a-bug

Card not listed in H-node as working blob free.

Searching on 1002:67C4 and amdgpu Turn up references to it needing the amdgpu-pro kernel module which comes directly from AMD and So I'm guessing heavily blobbed.

Closing this as Invalid as it falls into the requires nonfree firmware category.

#6 - 2018-08-18 01:51 PM - ani

[freemor](#)

Is there no way to get any of these two cards to run with free software? Is the hardware acceleration entirely deactivated without proprietary software?

Will none of these cards make the computer better?