

## Packages - Bug #2825

### [mesa] upgrade has broken lightdm greeter on armv7 Chromebook

2020-07-02 06:54 PM - Time4Tea

<b>Status:</b>	unconfirmed	<b>% Done:</b>	0%
<b>Priority:</b>	bug		
<b>Assignee:</b>			
<b>Category:</b>			
<b>Description</b>			
<p>I am using Parabola on an armv7 Chromebook. I did the following upgrade in pacman earlier today (from pacman.log):</p>			
<pre>[2020-07-02T12:18:10-0400] [ALPM] transaction started [2020-07-02T12:18:12-0400] [ALPM] upgraded mesa (20.0.4-1 -&gt; 20.1.2-1) [2020-07-02T12:18:13-0400] [ALPM] installed mesa-vdpau (20.1.2-1) [2020-07-02T12:18:13-0400] [ALPM] upgraded libva-mesa-driver (20.0.4-2 -&gt; 20.1.2-1) [2020-07-02T12:18:14-0400] [ALPM] transaction completed [2020-07-02T12:18:14-0400] [ALPM] running '30-systemd-update.hook'...</pre>			
<p>and the upgrade to mesa seems to have broken my lightdm-webkit2-greeter, for some reason. Now when I boot, the greeter just displays a black screen with mouse cursor. However, if I switch to a different VT, I can log in to Mate using startx. Literally all I have done is upgrade mesa and the other 2 packages listed. In <code>/var/log/lightdm/seat0-greeter.log</code> I get the following:</p>			
<pre>libEGL warning: DRI2: failed to authenticate libEGL warning: MESA-LOADER: failed to open swrast (search paths /usr/lib/dri)  libEGL warning: MESA-LOADER: failed to open swrast (search paths /usr/lib/dri)  EGLDisplay Initialization failed: EGL_NOT_INITIALIZED Cannot create EGL sharing context: invalid display (last error: EGL_SUCCESS)  ** (lightdm-webkit2-greeter:430): WARNING **: 12:19:10.080: Error running javascript:</pre>			
<p>It's obviously pretty annoying, as I would like to be able to keep mesa up-to-date, without breaking the display manager. Any ideas what might be the issue?</p>			
<p>I should probably also mention that I have the panfrost driver for the Mali GPU currently disabled.</p>			

#### History

##### #1 - 2020-08-02 11:41 AM - Time4Tea

Hey, I just want to flag that I have resolved this. The issue was that, as well as mesa, I had to also update my llvm-libs. It seemed that package was out of date and was causing some sort of runtime issue with the mesa drivers. I now have mesa 20.1.4 installed and working.

Really, the mesa package should specify the more recent version of llvm-libs as a requirement. But, I guess that's more of an ALARM issue?

##### #2 - 2020-08-02 02:14 PM - bill-auger

if both packages are in core, extra, or community, then the upstream would need to do that - if there was some parabola package which was causing the version conflict then the parabola package could handle it - otherwise, a routine ``pacman -Syu`` should handle it - from that description, it sounds like ``pacman -Syu`` was all you needed to do

##### #3 - 2020-08-02 04:23 PM - Time4Tea

[bill-auger](#) yes, they are both in extra, so seems like an upstream issue. I will submit a bug report to ALARM when I get a chance.