

## darktable - Bug #12320

### Since > x11-drivers/nvidia-drivers-396.24-r1 openc1 does not work anymore

09/09/2018 09:16 PM - Axel Gerber

<b>Status:</b>	Closed: won't fix	<b>Start date:</b>	09/09/2018
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	OpenCL	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.6.0	<b>bitness:</b>	64-bit
<b>Affected Version:</b>	2.4.4	<b>hardware architecture:</b>	amd64/x86
<b>System:</b>	other GNU/Linux		

#### Description

Dear all,

I am quite sure, this issue isn't a darktable bug, so forgive me, if, with this background I shouldn't have had opened here. Just I am not good enough to nail it down in nvidia bug tracker, as I get confused by the somehow matching other reports I saw there and cannot confirm with me.

I am using gentoo linux and dt-2.4.4 as well as the git-master-branch. They all work fine.

My GPU is an nvidia GTX1060

The driver mentioned in the subject (396.24-r1) was the last, which worked fine with openc1 (even though recently I observed some obscure slowness in screenupdate, when I drag some windows on top of dt)

Beginning from nvidia-drivers-396.45 I get below issue when I check with -cltest or -d openc1

```
[openc1_init] found openc1 runtime library 'libOpenCL'
[openc1_init] openc1 library 'libOpenCL' found on your system and loaded
[openc1_init] could not get platforms: -1001
[openc1_init] FINALLY: openc1 is NOT AVAILABLE on this system.
[openc1_init] initial status of openc1 enabled flag is OFF.
```

Now the driver matured to 396.54 and they deleted former 396-versions so I have to go back to 390.87. In that case openc1 works right away without any further changes.

I tried to check whether files or links are missing or being weird, but cannot identify the culprit.

Is there a help?

Cheers  
AxelG

#### History

##### #1 - 09/10/2018 10:26 AM - Christian Kanzian

Did you use nvidia packages from your distribution?

In this case there might be separate packages for the driver and other stuff like openc1. To me it happened several times that this additional openc1 related packages were not upgraded properly. I needed to remove all nvidia related packages first and then had luck by reinstalling all packages.

##### #2 - 09/11/2018 08:54 AM - Axel Gerber

Dear Christian,

yes I use nvidia-drivers from gentoo tree (which finally loads from original servers, that's the sense of gentoo)

There is no real (just a virtual) other package, related to openc1 and yes, I updated, to no avail. The last one is just the selector for openc1, so there is:

- app-eselect/eselect-opengl (the selector)
- virtual/opengl (the virtual)

Currently as needed for the downgrade to -390, I uninstalled all nvidia-cuda packages, which I also updated priorly with the 396

OFF TOPIC:

when I reply to an email of this system, does it show up here properly?

**#3 - 09/11/2018 10:59 PM - Aurélien PIERRE**

- *Status changed from New to Closed: won't fix*

It seems like an issue with the driver, you should contact the manager of the faulty package from your distro. I don't think there is much we can do here since darktable found the libOpenCL.so file properly and the driver version seems like a release candidate.

**#4 - 09/21/2018 09:54 PM - Roman Lebedev**

- *Target version set to 2.6.0*