

DragonFlyBSD - Bug #3102

sys/dev/drm/radeon/radeon_uvd.c:897: possible cut'n'paste issue ?

11/15/2017 02:23 AM - dcb

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|--|--------|------------------------|------------|
| Status: | Closed | Start date: | 11/15/2017 |
| Priority: | Normal | Due date: | |
| Assignee: | | % Done: | 0% |
| Category: | Kernel | Estimated time: | 0.00 hour |
| Target version: | | | |
| Description | | | |
| dragonfly/sys/dev/drm/radeon/radeon_uvd.c:897] -> [dragonfly/sys/dev/drm/radeon/radeon_uvd.c:903]: (warning) Identical condition 'vclk_div>pd_max', second condition is always false | | | |
| Source code is | | | |
| <pre>if (vclk_div > pd_max) break; /* vco is too big, it has to stop */ /* calc dclk divider with current vco freq */ dclk_div = radeon_uvd_calc_upll_post_div(vco_freq, dclk, pd_min, pd_even); if (vclk_div > pd_max) break; /* vco is too big, it has to stop */</pre> | | | |
| Maybe the 2nd if would be better if it sanity checked dclk_div, like | | | |
| <pre>if (dclk_div > pd_max) break; /* vco is too big, it has to stop */</pre> | | | |

History

#1 - 11/15/2017 03:39 AM - zrj

I agree on possible cut'n'paste issue. It does look like dclk_div should have been used.

Still present in radeon upstream version:

https://github.com/torvalds/linux/blob/master/drivers/gpu/drm/radeon/radeon_uvd.c#L998

Could you report it there too?

#2 - 11/15/2017 03:49 AM - dcb

>Could you report it there too?

I had a look around for a bug button and couldn't see one, so no.

I am happy for someone who knows their way around github better than me to have a go.

#3 - 06/12/2018 12:14 AM - swildner

- Status changed from New to Closed

I've pushed a fix. It was fixed in Linux too (3a61b527b4e1f285d21b6e9e623dc45cf8bb391f).

Thanks.