

DragonFlyBSD - Bug #2983

Video artifacts after recent Xorg upgrade on Radeon HD 7560D (AMD GPU)

02/22/2017 12:50 AM - arcade@b1t.name

Status:	New	Start date:	02/22/2017
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Other	Estimated time:	0.00 hour
Target version:			
Description			
<p>Before recent Xorg update I saw same errors only on heavy WebGL applications like games. Now it happens everytime.</p> <p>It looks like: http://limbo.b1t.name/incoming/trash.png</p> <p>Random errors in Xorg.0.log: [2572.426] (WW) RADEON(0): radeon_dri2_flip_event_handler: Pageflip completion event has impossible msc 151215 < target_msc 151216 [2576.193] (WW) RADEON(0): radeon_dri2_flip_event_handler: Pageflip completion event has impossible msc 151440 < target_msc 151441 [2599.334] (WW) RADEON(0): radeon_dri2_flip_event_handler: Pageflip completion event has impossible msc 152818 < target_msc 152819 [2612.042] (WW) RADEON(0): radeon_dri2_flip_event_handler: Pageflip completion event has impossible msc 153581 < target_msc 153582 [2636.059] (WW) RADEON(0): radeon_dri2_flip_event_handler: Pageflip completion event has impossible msc 155015 < target_msc 155016 [2642.875] (WW) RADEON(0): radeon_dri2_flip_event_handler: Pageflip completion event has impossible msc 155419 < target_msc 155420 [2755.508] (WW) RADEON(0): radeon_dri2_flip_event_handler: Pageflip completion event has impossible msc 162156 < target_msc 162157 [2782.509] (WW) RADEON(0): radeon_dri2_flip_event_handler: Pageflip completion event has impossible msc 163770 < target_msc 163771 [2791.575] (WW) RADEON(0): radeon_dri2_flip_event_handler: Pageflip completion event has impossible msc 164313 < target_msc 164314 [2849.358] (WW) RADEON(0): radeon_dri2_flip_event_handler: Pageflip completion event has impossible msc 167776 < target_msc 167777 [2857.524] (WW) RADEON(0): radeon_dri2_flip_event_handler: Pageflip completion event has impossible msc 168263 < target_msc 168264 [2880.258] (WW) RADEON(0): radeon_dri2_flip_event_handler: Pageflip completion event has impossible msc 169625 < target_msc 169626 [2885.524] (WW) RADEON(0): radeon_dri2_flip_event_handler: Pageflip completion event has impossible msc 169937 < target_msc 169938 [2949.824] (WW) RADEON(0): radeon_dri2_flip_event_handler: Pageflip completion event has impossible msc 173771 < target_msc 173772 [3028.726] (WW) RADEON(0): radeon_dri2_flip_event_handler: Pageflip completion event has impossible msc 178476 < target_msc 178477 [3037.823] (WW) RADEON(0): radeon_dri2_flip_event_handler: Pageflip completion event has impossible msc 179021 < target_msc 179022</p>			

History

#1 - 02/22/2017 06:53 AM - arcade@b1t.name

Disabling KMS PageFlipping makes everything return to normal.

#2 - 02/23/2017 06:00 AM - zrzj

Xorg and whole graphical stack so far still resides in DPorts/staged branch, DPorts/master is in a frozen state since Feb 6th.

If you run DragonFly-master it is likely caused by recent kernel changes.

On my R7 360 card I only see glitches in FF youtube window when overlays are present.