

## DragonFlyBSD - Bug #2071

### Panic on assertion: (int)(flg->seq - seq) > 0 in hammer\_flusher\_flush after inode error

05/14/2011 12:20 PM - vsrinivas

<b>Status:</b>	New	<b>Start date:</b>	
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
ad10: TIMEOUT - WRITE_DMA48 retrying (1 retry left) LBA=1500424384 ad10: FAILURE - WRITE_DMA48 status=51<READY,DSC,ERROR> error=10<NID_NOT_FOUND> LBA=1500424384 HAMMER(NEWTANK): Critical error inode=-1 error=5 while flushing meta-data HAMMER(NEWTANK): Forcing read-only mode hammer: debug: forcing async flush ip 000000032433ccec hammer: debug: forcing async flush ip 000000032433ccec panic: assertion: (int)(flg->seq - seq) > 0 in hammer_flusher_flush Trace beginning at frame 0xcbfadd10 panic(ffffff,c07ace20,c064b39b,cbfadd40,cbfa00fc) at panic+0x101 panic(c064b39b,c067760e,c06353b6,0,cbfa0108) at panic+0x101 hammer_flusher_master_thread(cbfa0000,0,0,0,0) at hammer_flusher_master_thread+0x14e lwkt_exit() at lwkt_exit Uptime: 5d16h20m44s Physical memory: 502 MB Dumping 205 MB: 190 174 158 142 126 110 94 78 62 46 30 14  After an inode failure, HAMMER panicked on an assertion in hammer_flusher_flush. ad10 was a WD EARS 1.5TB disk attached to a Silicon Image 3114 controller, running via nata. The only I/O to the disk was a mirror-stream.  core and kernel are on leaf.dragonflybsd.org, /home/vsrinivas/hammerpanic.			

## History

### #1 - 05/25/2011 07:35 AM - vsrinivas

Saw this panic again, with no disk errors present:

```
hammer: debug: forcing async flush ip 000000032b874602
panic: assertion: (int)(flg->seq - seq) > 0 in hammer_flusher_flush
Trace beginning at frame 0xcbf7fd10
panic(ffffff,c07ace20,c064b39b,cbf7fd40,cbfa00fc) at panic+0x101
panic(c064b39b,c067760e,c06353b6,0,cbfa0108) at panic+0x101
hammer_flusher_master_thread(cbfa0000,0,0,0,0) at hammer_flusher_master_thread+0x14e
lwkt_exit() at lwkt_exit
Uptime: 23h2m13s
Physical memory: 502 MB
Dumping 193 MB: 178 162 146 130 114 98 82 66 50 34 18 2
```

### #2 - 05/31/2011 03:15 PM - swildner

I had this panic too today on a 2.10 system.

### #3 - 05/31/2011 03:17 PM - swildner

Backtrace is slightly different though:

```
#4 0xc01be6a3 in panic (fmt=0xc03c0534 "assertion: %s in %s") at /home/s/
projects/dailybuild/src/sys/kern/kern_shutdown.c:833
#5 0xc02eed92 in hammer_flusher_flush (arg=0xce840000) at /home/s/projects/
dailybuild/src/sys/vfs/hammer/hammer_flusher.c:352
#6 hammer_flusher_master_thread (arg=0xce840000) at /home/s/projects/
dailybuild/src/sys/vfs/hammer/hammer_flusher.c:269
#7 0xc01c741b in lwkt_deschedule_self (td=Cannot access memory at address 0x8)
at /home/s/projects/dailybuild/src/sys/kern/lwkt_thread.c:283
```

**#4 - 06/12/2011 07:59 AM - swildner**

I should mention that the system I'm seeing this on is NATA too, just like Venkatesh's.