

Re: bttv bug

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2003-09/2920.html>

From: Aaron Lehmann (aaronl_at_vitelus.com)

Date: 09/10/03

Date: Wed, 10 Sep 2003 00:41:23 -0700
To: Misha Nasledov <misha@nasledov.com>

Can you reproduce it without the nvidia module and produce a call trace that doesn't include nvidia symbols?

On Tue, Sep 09, 2003 at 11:41:58PM -0700, Misha Nasledov wrote:

```
> Hi,
>
> After upgrading to -test5, my bt878 card ceased to function properly. My
> kernel is tainted with the nvidia kernel module but I know for a fact that
> bttv worked just fine not too long ago and I have not upgraded my nvidia
> drivers since.
>
> I have the following message in my dmesg:
>
> kernel BUG at drivers/media/video/btcx-risc.c:66!
> invalid operand: 0000 [#1]
> CPU: 0
> EIP: 0060:[<e096b0a1>] Tainted: P
> EFLAGS: 00010286
> EIP is at btcx_riscmem_alloc+0xa1/0xb0 [btcx_risc]
> eax: 00000000 ebx: 000008b8 ecx: cdaed000 edx: ce59a000
> esi: db5607dc edi: ce59a8b8 ebp: 00000280 esp: dbb95b54
> ds: 007b es: 007b ss: 0068
> Process motv (pid: 757, threadinfo=dbb94000 task=dc7c0140)
> Stack: dfe8f054 000008b8 dbb95b64 00000020 0e59a000 00000280 00000000 db560740
> e09b2a3e dfe8f000 db5607dc 000008b8 00000280 00012c00 db560740 00000001
> e09b40f4 e09c1d00 db5607dc dd8cb400 00000000 00000280 00000000 000000f0
> Call Trace:
> [<e09b2a3e>] bttv_risc_packed+0x3e/0x150 [bttv]
> [<e09b40f4>] bttv_buffer_risc+0x514/0x630 [bttv]
> [<e0986846>] videobuf_waiton+0xb6/0xf0 [video_buf]
> [<e09ab194>] bttv_prepare_buffer+0x104/0x1a0 [bttv]
> [<e09ab2f2>] buffer_prepare+0x42/0x50 [bttv]
> [<e0986dc2>] videobuf_qbuf+0xa2/0x110 [video_buf]
> [<c044560f>] wait_hpet_tick+0xf/0x30
> [<e09ad769>] bttv_do_ioctl+0x1109/0x1410 [bttv]
> [<c013bb50>] __alloc_pages+0x90/0x300
> [<c0262bbd>] do_rw_taskfile+0x1bd/0x2b0
```

Linux-Kernel: Re: bttv bug

```
> [<c01456b2>] do_anonymous_page+0x122/0x230
> [<c0145df9>] handle_mm_fault+0xf9/0x190
> [<c011ab77>] try_to_wake_up+0xa7/0x150
> [<e0a530fa>] __nvsym01580+0x3a/0x70 [nvidia]
> [<e0a530fa>] __nvsym01580+0x3a/0x70 [nvidia]
> [<e0a71ee4>] __nvsym01575+0x28/0x34 [nvidia]
> [<e0a53179>] __nvsym01540+0x49/0x90 [nvidia]
> [<c011ab77>] try_to_wake_up+0xa7/0x150
> [<c011b66a>] default_wake_function+0x2a/0x30
> [<c011b3d0>] schedule+0x1c0/0x3e0
> [<c02c01f4>] kfree_skbmem+0x24/0x30
> [<c02c0282>] __kfree_skb+0x82/0x100
> [<c031b57d>] unix_stream_recvmsg+0x28d/0x580
> [<c011b61a>] preempt_schedule+0x2a/0x50
> [<c02bc798>] sock_aio_read+0xb8/0xd0
> [<c01520bb>] do_sync_read+0x8b/0xc0
> [<c044560f>] wait_hpet_tick+0xf/0x30
> [<c0258588>] video_usercopy+0xc8/0x1c0
> [<c044560f>] wait_hpet_tick+0xf/0x30
> [<c01649b0>] __pollwait+0x0/0xd0
> [<c0165094>] sys_select+0x234/0x4c0
> [<e09adaae>] bttv_ioctl+0x3e/0x70 [bttv]
> [<c044560f>] wait_hpet_tick+0xf/0x30
> [<e09ac660>] bttv_do_ioctl+0x0/0x1410 [bttv]
> [<c044560f>] wait_hpet_tick+0xf/0x30
> [<c01641e3>] sys_ioctl+0xf3/0x290
> [<c044560f>] wait_hpet_tick+0xf/0x30
> [<c010915b>] syscall_call+0x7/0xb
> [<c044560f>] wait_hpet_tick+0xf/0x30
>
> Code: 0f 0b 42 00 e0 b5 96 e0 eb b7 90 8d 74 26 00 83 ec 18 89 7c
> bttv0: skipped frame. no signal? high irq latency?
>
> --
> Misha Nasledov
> misha@nasledov.com
> http://nasledov.com/misha/
> -
> To unsubscribe from this list: send the line "unsubscribe linux-kernel" in
> the body of a message to majordomo@vger.kernel.org
> More majordomo info at http://vger.kernel.org/majordomo-info.html
> Please read the FAQ at http://www.tux.org/lkml/
>
-
To unsubscribe from this list: send the line "unsubscribe linux-kernel" in
the body of a message to majordomo@vger.kernel.org
More majordomo info at http://vger.kernel.org/majordomo-info.html
Please read the FAQ at http://www.tux.org/lkml/
```