

# i2c-related 1-minute hang during bootup

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Kernel/2006-04/msg06721.html>

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  - *Date:* Sun, 30 Apr 2006 16:18:30 +0200
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Hello

I upgraded my kernel from 2.6.12 to 2.6.16.11 using make oldconfig. My machine is DELL Inspiron 510m laptop. Before everything was OK. Now the kernel hangs for a minute during bootup between the messages "input: AlpsPS/2 ALPS GlidePoint as /class/input/input2" and "Advanced Linux Sound Architecture Driver Version 1.0.11rc2 (Wed Jan 04 08:57:20 2006 UTC)." TC."

During the bootup nothing is printed during the hang, but dmesg contains this at that point:

```
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x51
i2c_adapter i2c-0: master_xfer[0] W, addr=0x51, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x52
i2c_adapter i2c-0: master_xfer[0] W, addr=0x52, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x53
i2c_adapter i2c-0: master_xfer[0] W, addr=0x53, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x54
i2c_adapter i2c-0: master_xfer[0] W, addr=0x54, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x55
i2c_adapter i2c-0: master_xfer[0] W, addr=0x55, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x56
i2c_adapter i2c-0: master_xfer[0] W, addr=0x56, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x57
i2c_adapter i2c-0: master_xfer[0] W, addr=0x57, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c-core: driver [pcf8574] registered
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x20
i2c_adapter i2c-0: master_xfer[0] W, addr=0x20, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x21
```

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```
i2c_adapter i2c-0: master_xfer[0] W, addr=0x21, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x22
i2c_adapter i2c-0: master_xfer[0] W, addr=0x22, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x23
i2c_adapter i2c-0: master_xfer[0] W, addr=0x23, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x24
i2c_adapter i2c-0: master_xfer[0] W, addr=0x24, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x25
i2c_adapter i2c-0: master_xfer[0] W, addr=0x25, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x26
i2c_adapter i2c-0: master_xfer[0] W, addr=0x26, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x27
i2c_adapter i2c-0: master_xfer[0] W, addr=0x27, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x38
i2c_adapter i2c-0: master_xfer[0] W, addr=0x38, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x39
i2c_adapter i2c-0: master_xfer[0] W, addr=0x39, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x3a
i2c_adapter i2c-0: master_xfer[0] W, addr=0x3a, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x3b
i2c_adapter i2c-0: master_xfer[0] W, addr=0x3b, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x3c
i2c_adapter i2c-0: master_xfer[0] W, addr=0x3c, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x3d
i2c_adapter i2c-0: master_xfer[0] W, addr=0x3d, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x3e
i2c_adapter i2c-0: master_xfer[0] W, addr=0x3e, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x3f
i2c_adapter i2c-0: master_xfer[0] W, addr=0x3f, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c-core: driver [pcf8591] registered
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x48
i2c_adapter i2c-0: master_xfer[0] W, addr=0x48, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x49
i2c_adapter i2c-0: master_xfer[0] W, addr=0x49, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
```

i2c-related 1-minute hang during bootup

## i2c-related 1-minute hang during bootup

```
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x4a
i2c_adapter i2c-0: master_xfer[0] W, addr=0x4a, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x4b
i2c_adapter i2c-0: master_xfer[0] W, addr=0x4b, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x4c
i2c_adapter i2c-0: master_xfer[0] W, addr=0x4c, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x4d
i2c_adapter i2c-0: master_xfer[0] W, addr=0x4d, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x4e
i2c_adapter i2c-0: master_xfer[0] W, addr=0x4e, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x4f
i2c_adapter i2c-0: master_xfer[0] W, addr=0x4f, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
i2c-core: driver [RTC8564] registered
i2c_adapter i2c-0: found normal entry for adapter 0, addr 0x51
i2c_adapter i2c-0: master_xfer[0] W, addr=0x51, len=0
i2c_adapter i2c-0: bus is not idle. status is 0xff
```

Is it normal that the kernel doesn't print all messages to the screen?  
What do these messages mean? What should I do  
to get rid of the delay?

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