

Re: [PATCH] i2c driver fixes for 2.6.0

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2003-12/6322.html>

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Date: 12/30/03

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ChangeSet 1.1496.20.1, 2003/12/17 15:44:31-08:00, khali@linux-fr.org

[PATCH] I2C: fix i2c-amd8111 driver.

This patch fixes `i2c_smbus_write_byte()` being broken for i2c-amd8111. This causes trouble when that module is used together with eeprom (which is also in 2.6). We have had no report so far, but the problem is similar to the one addressed by a recent patch to i2c-nforce2.

Credits go to Hans-Frieder Vogt for finding and fixing the problem. Mark D. Studebaker found and fixed the original problem in i2c-nforce2.

This is a serious bug fix, and I believe you shouldn't wait too long before applying it.

```
drivers/i2c/busses/i2c-amd8111.c | 2 +-
1 files changed, 1 insertion(+), 1 deletion(-)
```

```
diff -Nru a/drivers/i2c/busses/i2c-amd8111.c b/drivers/i2c/busses/i2c-amd8111.c
--- a/drivers/i2c/busses/i2c-amd8111.c Tue Dec 30 12:31:03 2003
+++ b/drivers/i2c/busses/i2c-amd8111.c Tue Dec 30 12:31:03 2003
@@ -192,7 +192,7 @@
```

```
        case I2C_SMBUS_BYTE:
            if (read_write == I2C_SMBUS_WRITE)
- amd_ec_write(smbus, AMD_SMB_DATA, data->byte);
+ amd_ec_write(smbus, AMD_SMB_CMD, command);
                protocol |= AMD_SMB_PRTCL_BYTE;
                break;
```

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