

Re: [PATCH 2.6.20-rc2] Add a quirk to allow at least some ENE PCI SD card readers to work again

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- *From:* Pierre Ossman <drzeus-mmc@xxxxxxxx>
 - *Date:* Sun, 31 Dec 2006 13:05:37 +0100
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Darren Salt wrote:

Add a quirk to allow at least some ENE PCI SD card readers to work again

Support for these devices was broken for 2.6.18-rc1 and later by commit 146ad66eac836c0b976c98f428d73e1f6a75270d, which added voltage level support.

This restores the previous behaviour for these devices (PCI ID 1524:0550).

Signed-off-by: Darren Salt <linux@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Oh? If this is the source of problems for ENE controllers then this is indeed a magnificent find. Good work.

I'd like to know a little more about it though:

– Exactly what errors were you seeing without this patch?

– The patch effectively sets only the highest power. Have you tried other bit combinations to figure out if all of these are really needed?

(This also means that the current patch is broken as the limited voltage range needs to also be reported to the MMC layer).

– Could you change the patch so that it covers all ENE controllers and send it out for testing on sdhci-devel? That way we could see if there are any more ENE controllers that will benefit from this quirk. Just remember to ask people for a lspci.

Again, very good work.

Rgds

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— Pierre Ossman

Linux kernel, MMC maintainer <http://www.kernel.org>
PulseAudio, core developer <http://pulseaudio.org>
rdesktop, core developer <http://www.rdesktop.org>

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