

Re: [patch] MTD: fix DOC2000/2001/2001PLUS build error

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 - *Date:* Mon, 5 Feb 2007 17:26:35 +0100
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* David Woodhouse <dwmw2@xxxxxxxxxxxxxxxx> wrote:

No, it was MTD_NAND_CAFE which requires MTD_NAND, and that `_is_` within the same tree. I don't know why you added it to the old monolithic DiskOnChip driver.

yeah, i mis-analyzed the point of breakage – and my Kconfig hack simply papered it over by accident. I agree that your fix is the right one.

btw., this whole select problem is not limited to Aunt Tillie: in a couple of cases in the past few months when i saw some weird code in a driver and tried to enable it i had to search around for many minutes and enable random options to figure out its config dependencies until i had the driver truly enabled. (if there's some easy solution to this then i'm all ears – but i exclude the easiest solution of adding me to the 'aunt' category ;-)

I come across this frequently — and I just look at the Kconfig file to see the dependencies of the option I want to enable. It's usually very simple.

i come across this problem frequently, and sometimes it's far from simple and involves half a dozen Kconfigs. For example pick up a Fedora .config of your choice and disable CONFIG_I2C.

It's got a `_lot_` harder recently to turn stuff `_off_`, as rmk observes. You don't just look at the option you're interested in; you have to grep all over the rest of the tree to find the 'select' which is forcing it on after you turn it off. It's no longer in one place.

yeah.

I think that by blaming Aunt Tillie you might be missing the real problem.

No, by arbitrarily throwing 'select' into the mix with no real guidance as to when to use it and when to use normal dependencies, _that's_ when we're missing the real problem.

we should not have 'select' at all – unless it's some non-code option that is just a convenience switch for several other config options. A true dependency is already expressed in one direction via the 'depend on' directive – no need to express it in the other direction as well, that only leads to redundancy and to bugs.

Ingo

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