

Re: [PATCH 2.6.8.1] drivers/char: New serial driver.

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2004-09/8310.html>

From: Russell King (rmk+lkml_at_arm.linux.org.uk)

Date: 09/27/04

Date: Mon, 27 Sep 2004 21:31:12 +0100
To: "Kilau, Scott" <Scott_Kilau@digicom.com>

On Mon, Sep 27, 2004 at 03:03:32PM -0500, Kilau, Scott wrote:

- > I am submitting a new serial driver for the 2.6 series of kernels.
- >
- > Description:
- > Digi serial driver for the Digi Neo and Classic PCI serial port
- > products.
- >
- > IBM has requested this submission into the Linux kernel.
- >
- > The patch is quite large (300K uncompressed), so rather than attach it
- > I am submitting a link to our ftp site where the patch is located.
- >
- > <ftp://ftp1.digicom.com/pub/patches/dgnc.patch>

A few comments:

- (1) I'm disappointed that you aren't using the serial_core support in drivers/serial.
- (2) I'm also concerned that you're using serial_reg.h as a description of an interface between your hardware specific drivers and your hardware independent tty core. It isn't a description of such an interface and therefore should not be used as such. Please fix your code in respect to this.
- (3) loopback mode is normally enabled by setting TIOCM_LOOP modem control bit via the TIOCMBIS ioctl.

I'd also like Alan Cox to look over the driver since he's looking at the tty layer. Alan may have further comments since I've only briefly looked through it.

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Russell King
Linux kernel 2.6 ARM Linux - <http://www.arm.linux.org.uk/>
maintainer of: 2.6 PCMCIA - <http://pcmcia.arm.linux.org.uk/>
2.6 Serial core

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Linux-Kernel: Re: [PATCH 2.6.8.1] drivers/char: New serial driver.

Please read the FAQ at <http://www.tux.org/lkml/>