

[GIT PATCH] USB suspend persistence for 2.6.25-rc5 git

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2008-03/msg04163.html>

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 - *Date:* Mon, 10 Mar 2008 17:42:39 -0700
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A few -rc releases ago you asked about USB storage devices being persistant across suspend/resume cycles.

Well, Alan Stern has put together a nice small set of patches that do just this. Here they are against your 2.6.26-rc5-git tree.

Now I know they are a new "feature" and it's way late in the release cycle, but you were asking for this a while ago. I've been beating on it with my laptops and had no problems at all.

They have been in the past few -mm releases with no reported problems, as well as the -next tree.

If you want to take them, or just play with them, please pull from:
master.kernel.org:/pub/scm/linux/kernel/git/gregkh/usb-persist-2.6.git/

The full patches will be sent to the linux-usb and linux-kernel mailing lists for everyone to see them.

thanks,

greg k-h

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Documentation/usb/persist.txt | 43 +++++---
drivers/usb/core/Kconfig | 25 -----
drivers/usb/core/driver.c | 9 +-
drivers/usb/core/hub.c | 266 ++++++++++++++++++++++++++++++++++++++-----
drivers/usb/core/message.c | 2 +-
drivers/usb/core/quirks.c | 14 ++
drivers/usb/core/sysfs.c | 22 ++--
drivers/usb/host/ehci-hub.c | 15 +---
drivers/usb/host/ehci-pci.c | 1 -
include/linux/usb.h | 2 +-
10 files changed, 234 insertions(+), 165 deletions(-)

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Alan Stern (6):

USB: EHCI: carry out port handover during each root-hub resume

USB: reorganize code in hub.c

USB: make USB-PERSIST work after every system sleep

USB: remove CONFIG_USB_PERSIST setting

USB: check serial-number string after device reset

USB: enable USB-PERSIST by default

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