

Ports - Porting #858

[linux-libre] add g_dbgp

2015-11-10 09:05 PM - GNUtoo

Status: fixed	% Done: 100%
Priority: bug	
Assignee:	
Category:	
Description	
Hi,	
Many ARM device have a USB OTG port, so the port can act as an usb device. The g_dbgp permits that port to get "USB debug" logs. Linux(-libre), grub, and coreboot/libreboot can output their logs to the "USB debug" port, that is really useful when the machine has no serial port, like most x86 recent laptops. CONFIG_USB_G_DBGP should be set as module (=m). Once selected, you have the choice between CONFIG_USB_G_DBGP_SERIAL and USB_G_DBGP_PRINTK. The later prints what the target machine(like the x86 laptop logs) on dmesg, so CONFIG_USB_G_DBGP_SERIAL is preferred since it will create a serial port where the logs are available and won't mess with the "dmesg buffer".	
Denis.	

History

#1 - 2015-11-10 09:52 PM - mtjm

Depending on the kernel version, we might need some patches.

http://www.coreboot.org/EHCI_Gadget_Debug might be useful.

#2 - 2015-11-20 04:03 AM - Anonymous

- Assignee set to Anonymous

- Status changed from open to in progress

- Subject changed from Add g_dbgp to [linux-libre] add g_dbgp

#3 - 2015-12-14 12:08 AM - Anonymous

- % Done changed from 0 to 100

- Status changed from in progress to fixed

#4 - 2016-05-12 12:55 AM - Anonymous

- Project changed from 19 to Ports