

Packages - Bug #1866

[arm] [linux-libre] /sys/class/udc now empty on am335x

2018-07-03 12:26 AM - GNUtoo

| | |
|--|-------------------|
| Status: fixed | % Done: 0% |
| Priority: bug | |
| Assignee: | |
| Category: | |
| Description | |
| Hi, | |
| On a beagle bone green, after a somewhat recent kernel update, /sys/class/udc is now empty and it's not possible to use the USB device port anymore. | |
| Before the kernel upgrade it was like that: | |
| <pre># ls /sys/class/udc/musb-hdrc.0/device/driver bind musb-hdrc.0 musb-hdrc.1 uevent unbind</pre> | |
| The BeagleBone green uses an am335x SOC. | |
| Denis. | |

History

#1 - 2018-07-03 01:59 PM - GNUtoo

I've found where it comes from.

I've compared linux-libre and linux-libre-lts:

- It works on linux-libre-lts
- It fails to work on linux-libre

I've then compared the defconfigs and on linux-libre many lines seem to be corrupted, for instance we have things like

```
CONF_I_FIX_EARLYCON_MEM=y
```

instead of

```
CONFIG_FIX_EARLYCON_MEM=y
```

I've looked in the USB section and here again there is some problematic lines: there is

```
CONFIG_US_MUSB_AM35X=y
```

instead of

```
CONFIG_USB_MUSB_AM35X=y
```

#2 - 2018-08-25 02:10 PM - Megver83

You should've specified the kernel version, at least the generation.

Try now with linux-libre 4.18, which has those configs

#3 - 2018-09-25 09:21 PM - GNUtoo

For some other reasons using linux-libre (not lts) doesn't result in a working usb device, so I guess I'd have to investigate it.

#4 - 2018-10-15 09:41 PM - GNUtoo

Thanks,

It works again with linux-libre 4.18.11-gnu-1

Denis.

#5 - 2018-11-17 04:49 PM - GNUtoo

- *Status changed from open to fixed*