Processor Linux SDK kernel FAQs

Starting in v4.3, Processor SDK documentation is no longer hosted on processors wiki.

Please bookmark the new links:

- Linux, RT-Linux: http://software-dl.ti.com/processor-sdk-linux/esd/docs/latest/linux/index.html
- RTOS: http://software-dl.ti.com/processor-sdk-rtos/esd/docs/latest/rtos/index.html
- Android: http://software-dl.ti.com/processor-sdk-android/esd/docs/latest/android/index.html

Q: Howto let Linux not load kernel modules automatically during system boot time?

A: Add the module name into the modprobe blacklist in file */etc/modprobe.d/modprobe.conf*. For exmaple,

```
# cat /etc/modprobe.d/modprobe.conf
blacklist musb_am335x
```

Q: Howto disable a peripheral then enable it again?

A: Use its driver's bind/unbind sysfs entries. For example, to disable rtc on AM57x,

```
root@dra7xx-evm:~# find /sys -name unbind | grep rtc
/sys/bus/platform/drivers/omap_rtc/unbind
root@dra7xx-evm:~# cd /sys/bus/platform/drivers/omap_rtc/
root@dra7xx-evm:/sys/bus/platform/drivers/omap_rtc# ls
48838000.rtc  bind          module        uevent        unbind
root@dra7xx-evm:/sys/bus/platform/drivers/omap_rtc# echo 48838000.rtc > unbind
root@dra7xx-evm:/sys/bus/platform/drivers/omap_rtc#
```

to enable it again,

```
root@dra7xx-evm:/sys/bus/platform/drivers/omap_rtc# echo 48838000.rtc > bind
[ 7792.863975] omap_rtc 48838000.rtc: already running
[ 7792.869822] omap_rtc 48838000.rtc: rtc core: registered 48838000.rtc as rtc1
root@dra7xx-evm:/sys/bus/platform/drivers/omap_rtc#
```

{{

1. switchcategory:MultiCore=
   - For technical support on MultiCore devices, please post your questions in the C6000 MultiCore Forum
   - For questions related to the BIOS MultiCore SDK (MCSDK), please use the BIOS Forum

   Please post only comments related to the article **Processor Linux SDK kernel FAQs** here.

Keystone=

- For technical support on MultiCore devices, please post your questions in the C6000 MultiCore Forum
- For questions related to the BIOS MultiCore SDK (MCSDK), please use the BIOS Forum

Please post only comments related to the article **Processor Linux SDK kernel FAQs** here.

C2000=*For technical support on the C2000 please post your questions on The C2000 Forum. Please post only comments about the article **Processor Linux SDK kernel FAQs** here.*

DaVinci=*For technical support on DaVincoplease post your questions on The DaVinci Forum. Please post only comments about the article **Processor Linux SDK kernel FAQs** here.*

MSP430=*For technical support on MSP430 please post your questions on The MSP430 Forum. Please post only comments about the article **Processor Linux SDK kernel FAQs** here.*

OMAP35x=*For technical support on OMAP please post your questions on The OMAP Forum. Please post only comments about the article **Processor Linux SDK kernel FAQs** here.*

OMAPL1=*For technical support on OMAP please post your questions on The OMAP Forum. Please post only comments about the article **Processor Linux SDK kernel FAQs** here.*

MAVRK=*For technical support on MAVRK please post your questions on The MAVRK Toolbox Forum. Please post only comments about the article **Processor Linux SDK kernel FAQs** here.*

*For technical s please post yo questions at http://e2e.ti.cor Please post on comments abo article **Process Linux SDK ke FAQs** here.*

}}

Links



Amplifiers & Linear
Audio
Broadband RF/IF & Digital Radio
Clocks & Timers
Data Converters
DLP & MEMS
High-Reliability
Interface
Logic
Power Management
Processors
- ARM Processors
- Digital Signal Processors (DSP)
- Microcontrollers (MCU)
- OMAP Applications Processors

Switches & Multiplexers
Temperature Sensors & Control ICs
Wireless Connectivity

Retrieved from "https://processors.wiki.ti.com/index.php?title=Processor_Linux_SDK_kernel_FAQs&oldid=234171"

This page was last edited on 18 April 2018, at 10:09.

Content is available under Creative Commons Attribution-ShareAlike unless otherwise noted.