Linux Board Port Overview for Sitara AM-Class Devices: AM33x, AM43x, and AM57x

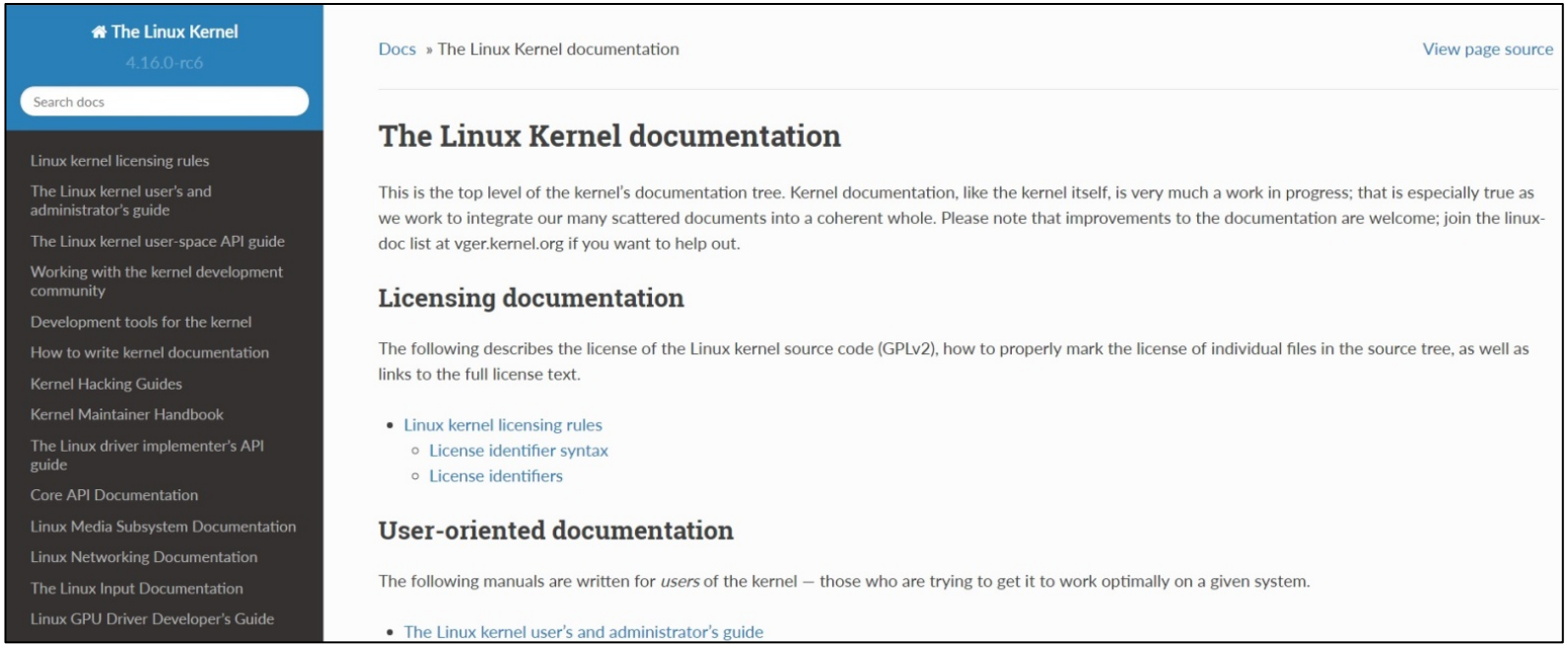
Linux Board Port Process Resources

Section overview: Linux board port process resources

- What kernel documentation is available
- PinMux Tool
- TI Linux Kernel User Guide
- TI Linux Software Developer’s Guide

Linux board port process resources: Kernel documentation

- What kernel documentation is available?
  - https://www.kernel.org/doc/html/latest/

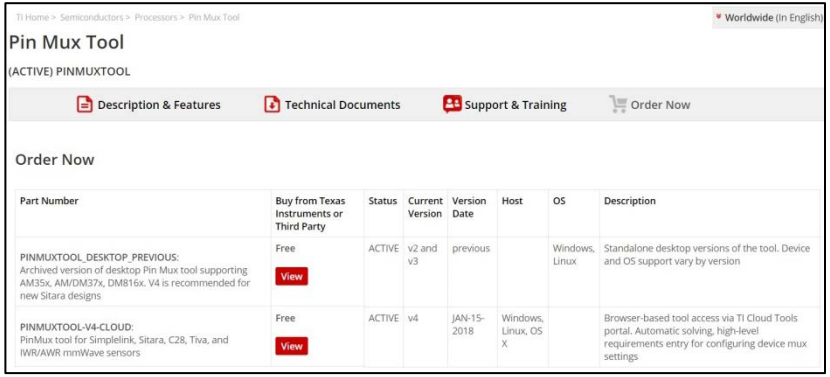


  - Location of DTS bindings in the kernel source tree: documentation/devicetree/bindings

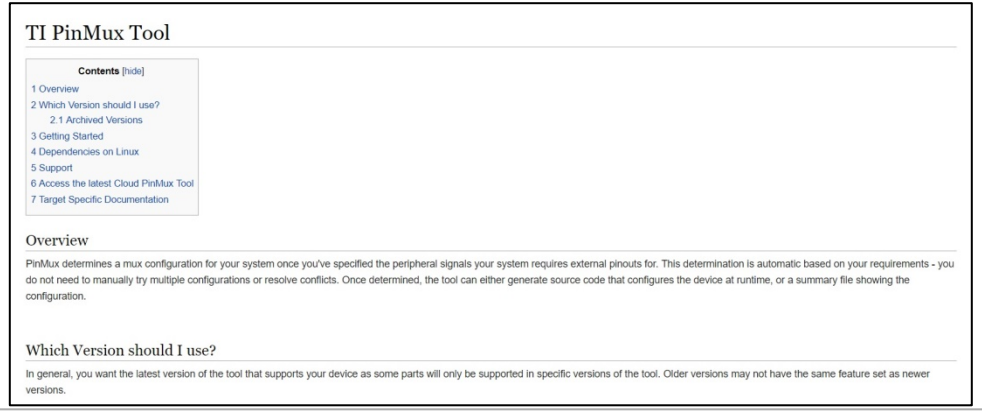
Linux board port process resources: PinMux Tool

PinMux Tool

- Download the tool
  http://www.ti.com/tool/pinmuxtool
  or run it from TI Cloud Tools

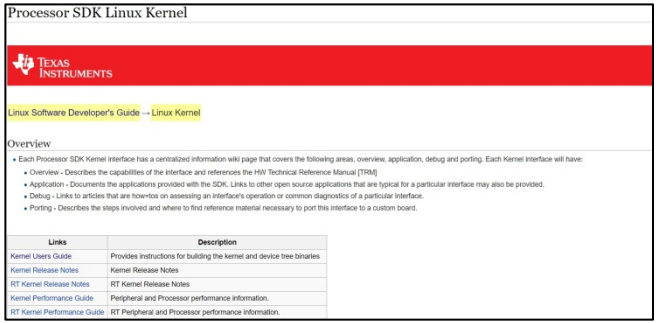


- PinMux Tool Wiki page
  http://processors.wiki.ti.com/index.php/TI_PinMux_Tool



Linux board port process resources: User guides

- Linux Software Developer's Guide: Linux Kernel
  http://processors.wiki.ti.com/index.php/Processor_SDK_Linux_Kernel



- TI Processors Linux SDK Kernel User's Guide
  http://processors.wiki.ti.com/index.php/Linux_Kernel_Users_Guide

Conclusions: Linux board port overview

- Abstractions speed up and simplify ports.
- The elements of the Linux Board Port show the recommended steps.
- There are a variety of reference resources available.
- Most importantly, be prepared that the Linux board port is an iterative process.

For more information

- Processor SDK Training Series: https://training.ti.com/processor-sdk-training-series

- For questions about this training, refer to the E2E Community Forums for Sitara Processors at http://e2e.ti.com/support/arm/sitara_arm/f/791/t/277411