Porting and BSP Customization of Linux on ARM Platform

Abstract

Embedded Systems are designed for a specific task based on characterization. But in the modern advancements these are doing several tasks at a time, to achieve this it requires an operating system along with powerful processor. In this paper proposes the Board Support Packages (BSP) customization of Embedded Linux OS, especially ARM9 based Freescale Silicon Vendor platforms with the help of Linux Image Target Builder (LTIB). The successful build the operating system will give the Binary images of custom OS. Finally the images are ported to the target platform.

References

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**Index Terms**

- Computer Science
- Embedded Systems

**Keywords**

- Board Support Packages
- Bootloader
- Embedded Linux
- file system
- Kernel
- LTIB

Porting.