Porting Linux Kernel on FPGA based Development Boards

Abstract

Embedded systems design is a most emerging field that integrates the hardware and software application. Linux has successfully made its imprints to the embedded world as its free source code and support of various processor architecture. For porting Operating System the kernel source code customized, cross-compiled and dumped on development board. The board surrounded by number of peripherals components that can be used to create a complex system.
on which embedded application can be run easily. It demands mostly in industrial applications. This paper gives the general idea of porting technique and developing application for embedded system.

References


Index Terms

Computer Science
Computing, Communication

And Sensor Network

Keywords

Linux  Kernel  Fpga  Operating System