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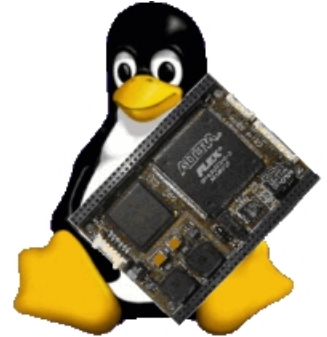
EMBEDDED LINUX: AN INTRODUCTION

Linux OS running in embedded system is known as Embedded Linux. Linux os occupy only up to 100KB space in memory. Now days most ES based on 32 bit processor like ARM, PowerPC, ColdFire etc have sufficient amount of flash and RAM memory. For example if we consider ARM9 [CS-E9302] board from olimex it has following memory configuration...

- 32 MB SDRAM Memory
- 16 MB Flash Memory

Let us take one more example of a board from Freescale Lite5200B Evaluation Board with processor PowerPC MPC5200 have 128 MB RAM and 32MB flash memory.

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MINICOM: SERIAL TERMINAL IN LINUX

Minicom is a text-based modem control and terminal emulation program for Linux operating systems, originally written by Miquel van Smoorenbur. Minicom (HyperTerminal in Windows) is easy and effective used for serial communication between Microcontroller for Testing and Analysis Purpose. Minicom helps you in Configuring Linux on Board, Running TFTP Server and others.

Although, Minicom is very much Similar HyperTerminal in Windows. But its configuration in quite tricky then of HyperTerminal.

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LIST OF FREE REAL TIME OPERATING SYSTEM RTOS LIST

Real Time Operating System (RTOS), are used in Embedded System. Now days there are so many vendors in the market which provide RTOS. Some of them are well established also. We try to compile a list of RTOS which are available in market as per our knowledge.

RTOS

This list of RTOS is divided into two categories, Free or Open Source RTOS and Proprietary or Closed Source RTOS. Below is the complete list of RTOS...

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