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# Linux For Embedded And Real Time Applications 4th Edition

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Enhanced real-time performance, easier porting to new architectures, support for microcontrollers and an improved I/O system give embedded engineers even more reasons to love Linux! However, the rapid evolution of the Linux world can result in an eternal search for new information sources that will help embedded programmers to keep up!

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Difference Between Real Time OS (RTOS) and Embedded Linux Although technically incomplete, yet Real Time OS (RTOS) are type special Embedded OS. If such Embedded OS is based on Linux kernel, they are referred as Embedded Linux for easy indication. Microprocessors are mainly intended for the embedded.

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In embedded linux specific topics, we will cover qemu, toolchain, bootloader, kernel and root filesystem. Throughout embedded linux specific topics, we will be taking reference of qemu instead of real target board like RPi or beaglebone black for covering the practical examples. Best part of this course unlike other courses on internet is that ...

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