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Indeed, many established vendors of real-time software are migrating rapidly toward embedded Linux, examples being QNX and Lynx Real-Time Systems; Lynx even went as far as changing its name to LynuxWorks. In addition, newer players, such as RedHat, MontaVista, TimeSys, and Lineo provide tools and OS code for embedded real-time applications.

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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



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A subcategory of Embedded Systems is the Real Time Embedded Systems. A Real Time Embedded System is a type of computer system with timing constraints i.e. a system which responds to external events or input stimuli in a timely fashion (within finite and specified time).

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