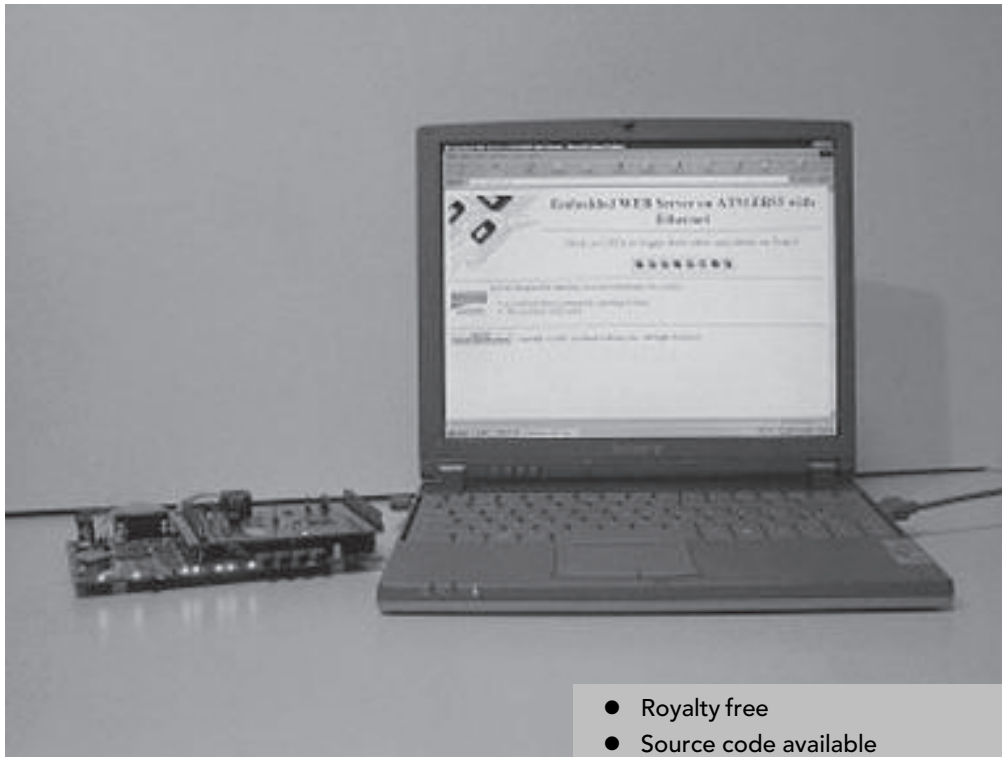




Open Source Real Time Operating System



- Royalty free
- Source code available
- Real Time
- Small memory footprint
- Full support
- Development Tools

The Open Source Software evolution model has resulted in a fairly high rate of innovation for software with richer functionality and higher quality. The time is now right for the embedded systems market to benefit from the open source movement.

A well known open source operating system is Linux. However, Linux is not the right operating system for every need. Embedded systems is definitely a market where one size does not fit all. For deeply embedded applications where every kilobyte counts, the functionally rich and megabyte-sized standard Linux configurations are not appropriate.

Driven by the requirements of the embedded systems market, the open source community, led by Red Hat, has developed the eCos kernel. eCos is an open source real time operating system kernel with Linux compatible API's. A key feature of eCos is that it is highly configurable. It can be downsized to a minimum 32K footprint, but enhanced versions fit the needs of fully connected Internet appliances. By running a selected service level, embedded systems developers can tune the target system to their needs.

Thanks to its Linux compatibility, Embedded Linux applications are easily ported on eCos, and all the Linux development tools are available.

Silicomp develops custom EL/IX and eCos BSPs (Board Support Packages) tuned to your hardware and software requirements, with industrial strength. And life cycle support. Silicomp customers enjoy both the benefits of Open Source technologies (royalty free, freedom of choice) and the benefits of commercial products (support, engineering services available).

More information can be found at:

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