



Real Time Linux Workbench

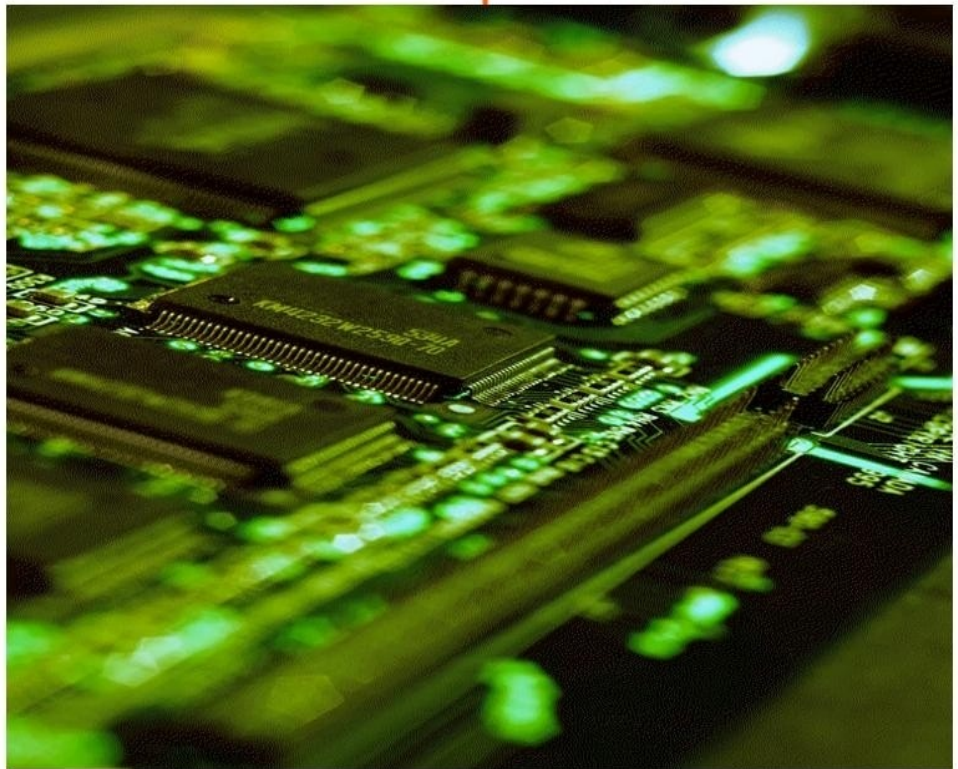
ethics Technologies
Excellence in embedded systems



Educational edition 1.0

excellence in

- ◆ *Real Time Linux*
- ◆ *Embedded Linux*



ethics Technologies

**Chennai,
Tamil Nadu.**

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ethics Technologies are a pioneer embedded system company in Linux platform. Our first version of Real Time Linux workbench provides real time embedded system experience to students in Open Source technology with reasonable price for educational and research institutions.

Students can learn the real time embedded systems in an hour with help of preinstalled ready made packages and KDevelop IDE

Supported hardwares are available for this product.

Real Time Linux Workbench

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Features of Real Time Linux Workbench 1.0

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Ubuntu 8.04 Live/install cd

Readymade RTLinux workbench

KDevelop IDE support

RTAI-XML

LXRT

RTAI-Lab

Scilab/Scicos

COMEDI

RTNet & RTCom

PHOENIX Kit

ARM Development board

Sample programs

- » Latest Ubuntu 8.04 based Real Time Linux Workbench with RTAI real time linux
- » Preinstalled Real Time Linux RTAI with utilities and supported tools
- » Supported KDevelop IDE for RTAI. Easy application development, compilation, and debugging from IDE with out console mode.
- » RTAI-XML support for developing real time control applications through internet.
- » LXRT supports developing real time applications from user space
- » COMEDI support for developing ADC/DAC application in RTAI
- » Scilab/Scicos supports equivalent to Matlab/RTW.
- » RTAILab facilitate RTAI interaction with Scilab/Scicos
- » RTNet support for network facilities in Real Time Linux
- » Real time serial driver RTCOM for RTAI
- » PHOENIX Kit support for Real Time Linux
- » Ready made exercises with KDevelop IDE integration
- » Well documented tutorials, materials and Howtos support to learn by individually
- » Able to develop applications from host or target or both.
- » Easy installation steps and guidance
- » Open Source enables developers/learner to provide full of freedom to customize it every thing, as he/she like. Real Time Linux Workbench made from Open Source tools and softwares. Source code is available for all the tools and softwares.

Supported Hardware

- » Supported Mini-ITX Board with preinstalled Linux OS with 2.6 kernel
- » PHOENIX Kit is available for learning ADC/DAC, Digital I/O, Amplifiers and related basic electronics stuffs to Electronics, Instrumentation and Physics related students.
- » Support ARM9 Single Board Computer (SBC) is optional.

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