

LINUX® Application
Development



"Anthony's book is easily the most complete treatment of eCos system development. I believe it is destined to become part of every eCos developer's library."
—Michael Tiemann, CTO, Red Hat Software and Co-founder of Cygnus Solutions

EMBEDDED SOFTWARE DEVELOPMENT **with eCos™**

ANTHONY J. MASSA

Build low-cost, royalty-free embedded solutions with eCos—step by step

The Embedded Configurable Operating System (eCos) gives professionals a low-cost, royalty-free embedded software development solution that works in highly constrained hardware environments. In this start-to-finish guide to eCos solution building, Anthony J. Massa covers eCos architecture, installation, configuration, coding, deployment, and the entire eCos open source development system. Massa's code examples and application case study illuminate techniques for building virtually any embedded system, from the simplest device to complex Internet-enabled wireless systems. Coverage includes:

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Porting eCos to new hardware platforms

CD-ROM INCLUDED

The accompanying CD-ROM contains the complete eCos development environment, along with all the code presented in this book and additional open source tools.

ABOUT THE AUTHOR

ANTHONY J. MASSA has developed embedded software, device drivers, and applications on a wide range of processors and embedded RTOS platforms. Massa has written extensively on eCos in many leading publications including *Doctor Dobb's Journal*, *Embedded Systems Programming*, and *Software Development*.



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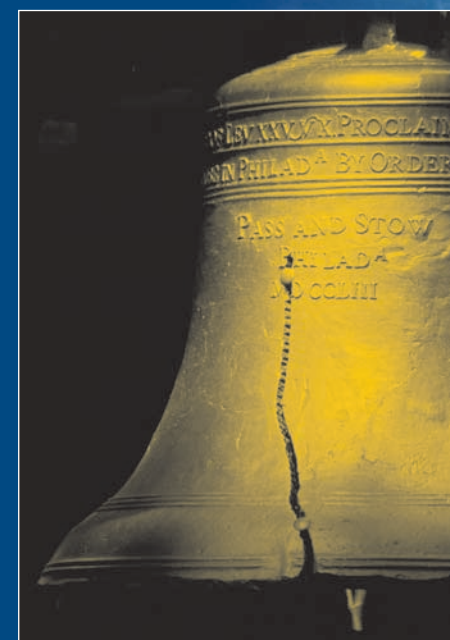
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EMBEDDED
SOFTWARE DEVELOPMENT WITH
eCos™

Foreword by Michael Tiemann, CTO, Red Hat Software and
Co-founder of Cygnus Solutions

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EMBEDDED SOFTWARE DEVELOPMENT WITH **eCos™**



- How to build low-cost, royalty-free embedded solutions with eCos
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- Incorporates additional open source software components to extend the features and functionality of eCos, meeting the requirements of a wide range of embedded systems
- Includes open source tools on CD-ROM for a complete embedded software development environment with eCos as the core
- Contains extensive code examples and a complete application case study

ANTHONY J. MASSA

