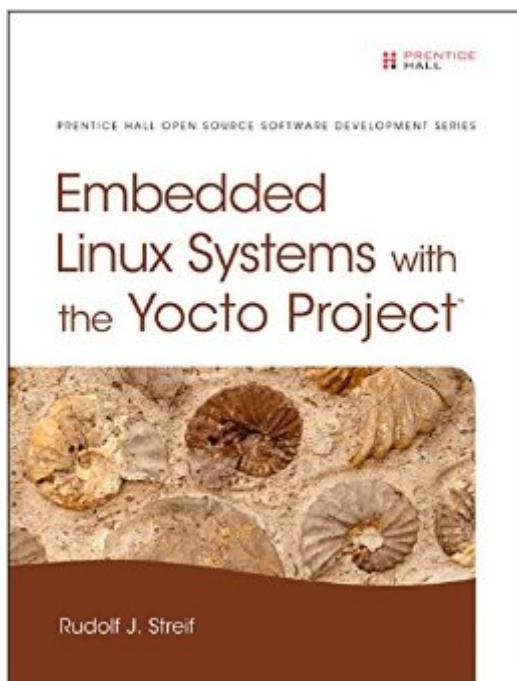


The book was found

Embedded Linux Systems With The Yocto Project (Prentice Hall Open Source Software Development)



Synopsis

Build Complete Embedded Linux Systems Quickly and Reliably Developers are increasingly integrating Linux into their embedded systems: It supports virtually all hardware architectures and many peripherals, scales well, offers full source code, and requires no royalties. The Yocto Project makes it much easier to customize Linux for embedded systems. If you're a developer with working knowledge of Linux, *Embedded Linux Systems with the Yocto Project* will help you make the most of it. An indispensable companion to the official documentation, this guide starts by offering a solid grounding in the embedded Linux landscape and the challenges of creating custom distributions for embedded systems. You'll master the Yocto Project's toolbox hands-on, by working through the entire development lifecycle with a variety of real-life examples that you can incorporate into your own projects. Author Rudolf Streif offers deep insight into Yocto Project's build system and engine, and addresses advanced topics ranging from board support to compliance management. You'll learn how to Overcome key challenges of creating custom embedded distributions Jumpstart and iterate OS stack builds with the OpenEmbedded Build System Master build workflow, architecture, and the BitBake Build Engine Quickly troubleshoot build problems Customize new distros with built-in blueprints or from scratch Use BitBake recipes to create new software packages Build kernels, set configurations, and apply patches Support diverse CPU architectures and systems Create Board Support Packages (BSP) for hardware-specific adaptations Provide Application Development Toolkits (ADT) for round-trip development Remotely run and debug applications on actual hardware targets Ensure open-source license compliance Scale team-based projects with Toaster, Build History, Source Mirrors, and Autobuilder

Book Information

Series: Prentice Hall Open Source Software Development

Hardcover: 480 pages

Publisher: Prentice Hall; 1 edition (May 12, 2016)

Language: English

ISBN-10: 0133443248

ISBN-13: 978-0133443240

Product Dimensions: 7.1 x 1.2 x 9.2 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars (See all reviews) (1 customer review)

Best Sellers Rank: #480,404 in Books (See Top 100 in Books) #52 in Books > Computers &

Customer Reviews

This book got me going in yocto. I had five books before this one, but this is the one that I turn to. Yocto is a HUGE subject and I am amazed Rudy was able to touch on all aspects. Its not comprehensive. That is not possible in book form for yocto, but it covers the main parts with enough detail that you can begin to understand the online documentation and examples. With that said, I absolutely loathe the online docs. How Rudy could transform those into workable material is impressive. FWIW, I met Rudy for the first time at a conference. He helped me out some with my code and he told me about this book. I bought it just to be nice, but I was pleasantly surprised at its quality. I hope to meet him again so I can get him to sign it.

[Download to continue reading...](#)

Embedded Linux Systems with the Yocto Project (Prentice Hall Open Source Software Development) Embedded Linux Primer: A Practical Real-World Approach (Prentice Hall Open Source Software Development Series) Essential Linux Device Drivers (Prentice Hall Open Source Software Development Series) LINUX: Linux Command Line, Cover all essential Linux commands. A complete introduction to Linux Operating System, Linux Kernel, For Beginners, Learn Linux in easy steps, Fast! A Beginner's Guide Pro OpenSolaris: A New Open Source OS for Linux Developers and Administrators (Expert's Voice in Open Source) Linux: Linux Guide for Beginners: Command Line, System and Operation (Linux Guide, Linux System, Beginners Operation Guide, Learn Linux Step-by-Step) Prentice hall literature (common core edition) (teachers edition grade 6) (Prentice Hall and Texas Instruments Digital Signal Processing Series) Fundamentals of Network Analysis and Synthesis (Prentice-Hall electrical engineering series. Solid state physical electronics series. Prentice-Hall networks series) Nessus Network Auditing: Jay Beale Open Source Security Series (Jay Beale's Open Source Security) DSP Software Development Techniques for Embedded and Real-Time Systems (Embedded Technology) Make: Arduino Bots and Gadgets: Six Embedded Projects with Open Source Hardware and Software (Learning by Discovery) Embedded Systems Security: Practical Methods for Safe and Secure Software and Systems Development Linux: Linux Mastery. The Ultimate Linux Operating System and Command Line Mastery (Operating System, Linux) Design Patterns for Embedded Systems in C: An Embedded Software Engineering Toolkit Systems Engineering and Analysis (5th Edition) (Prentice Hall International Series in Industrial &

Systems Engineering) Compiler Design in C (Prentice-Hall software series) A Comprehensive Guide to Project Management Schedule and Cost Control: Methods and Models for Managing the Project Lifecycle (FT Press Project Management) Linux for Embedded and Real-time Applications, Third Edition (Embedded Technology) Linux for Embedded and Real-time Applications (Embedded Technology) Linux for Embedded and Real-time Applications, Second Edition (Embedded Technology)

[Dmca](#)