



Embedded Linux Development with Yocto Project

Otavio Salvador, Daiane Angolini

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Embedded Linux Development with Yocto Project Otavio Salvador, Daiane Angolini
Develop fascinating Linux-based projects using the groundbreaking Yocto Project tools

About This Book

- Optimize Yocto Project's capabilities to develop captivating embedded Linux projects
- Facilitates efficient system development by helping you avoid known pitfalls
- Demonstrates concepts in a practical and easy-to-understand way

Who This Book Is For

If you are an embedded systems enthusiast and willing to learn about compelling features offered by the Yocto Project, then this book is for you. With prior experience in the embedded Linux domain, you can make the most of this book to efficiently create custom Linux-based systems.

What You Will Learn

- Differentiate between OpenEmbedded, Yocto Project, Poky, and BitBake
- Understand the BitBake metadata syntax
- Customize an application development environment
- Debug your application in a cross-compiled environment
- Add and remove features in the Linux kernel configuration
- Meet your project's license compliance requirements with less hassle
- Make embedded Linux systems using Yocto Project

In Detail

Starting with the very basics of the Yocto Project tools, this book will provide you with all the knowledge you need to work on real Linux-based hardware.

With emphasis on practical implementation, this book starts by helping you set up and configure the Yocto Project tools. It then explains the Hob interface for BitBake in detail. You will explore different directory layouts and learn to maximize the use of the Poky build system.

Compliance is always a hassle, so you will learn the methods to share source code and modifications, and how to fulfill open source license compliance effectively and convincingly. You will then gain experience in the use and construction of layers.

This tutorial guide will teach you everything you need to know to get up and running with Yocto Project and develop amazing Linux-based projects.

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James Baron:

Reading can called imagination hangout, why? Because while you are reading a book specially book entitled Embedded Linux Development with Yocto Project your mind will drift away trough every dimension, wandering in every single aspect that maybe not known for but surely will become your mind friends. Imaging every single word written in a book then become one application form conclusion and explanation that maybe you never get before. The Embedded Linux Development with Yocto Project giving you one more experience more than blown away your mind but also giving you useful data for your better life with this era. So now let us teach you the relaxing pattern this is your body and mind are going to be pleased when you are finished reading it, like winning a casino game. Do you want to try this extraordinary paying spare time activity?

Patricia Smith:

Within this era which is the greater person or who has ability to do something more are more important than other. Do you want to become one among it? It is just simple solution to have that. What you must do is just spending your time not much but quite enough to have a look at some books. One of many books in the top collection in your reading list is Embedded Linux Development with Yocto Project. This book which can be qualified as The Hungry Hillside can get you closer in growing to be precious person. By looking upward and review this reserve you can get many advantages.

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