



Quick answers to common problems

BeagleBone Black Cookbook

Over 60 recipes and solutions for inventors, makers, and budding engineers to create projects using the BeagleBone Black

Charles A. Hamilton

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Beaglebone Black Cookbook

**Charles Hamilton, Rodolfo
Giometti, Richard Grimmett**



Beaglebone Black Cookbook:

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you will quickly get to grips with the core concepts needed to develop home automation applications with the BeagleBone Black

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Who this book is for This book is for anyone who wants to develop their own Linux device drivers for embedded systems Basic hands on experience with the Linux operating system and embedded concepts is necessary Kali Linux Intrusion and Exploitation Cookbook Ishan Girdhar,Dhruv Shah,2017-04-21 Over 70 recipes for system administrators or DevOps to master Kali Linux 2 and perform effective security assessments About This Book Set up a penetration testing lab to conduct a preliminary assessment of attack surfaces and run exploits Improve your testing efficiency with the use of automated vulnerability scanners Work through step by step recipes to detect a wide array of vulnerabilities exploit them to analyze their consequences and identify security anomalies Who This Book Is For This book is intended for those who want to know more about information security In particular it s ideal for system administrators and system architects who want to ensure that the infrastructure and systems they are creating and managing are secure This book helps both beginners and intermediates by allowing them to use it as a reference book and to gain in depth knowledge What You Will Learn Understand the importance of security assessments over merely setting up and managing systems processes Familiarize yourself with tools such as OPENVAS to locate system and network vulnerabilities Discover multiple solutions to escalate privileges on a compromised machine Identify security anomalies in order to make your infrastructure secure and further strengthen it Acquire the skills to prevent infrastructure and application vulnerabilities Exploit vulnerabilities that require a complex setup with the help of Metasploit In Detail With the increasing threats of breaches and attacks on critical infrastructure system administrators and architects can use Kali Linux 2 0 to ensure their infrastructure is secure by finding out known vulnerabilities and safeguarding their infrastructure against unknown vulnerabilities This practical cookbook style guide contains chapters carefully structured in three phases information gathering vulnerability assessment and penetration testing for the web and wired and wireless networks It s an ideal reference guide if you re looking for a solution to a specific problem or learning how to use a tool We provide hands on examples of powerful tools scripts designed for exploitation In the final section we cover various tools you can use during testing and we help you create in depth reports to impress management We provide system engineers with steps to reproduce issues and fix them Style and approach This practical book is full of easy to follow recipes with based on real world problems faced by the authors Each recipe is divided into three sections clearly defining what the recipe does what you need and how to do it The carefully structured recipes allow you to go directly to your topic of interest *Embedded Linux Development Using Yocto Project Cookbook* Alex González,2018-01-25 Over 79 hands on recipes for professional embedded Linux developers to optimize and boost their Yocto Project know how Key Features Optimize your Yocto setup to speed up development and debug build issues Use what is quickly becoming the standard embedded Linux product builder framework the Yocto Project Recipe based implementation of best practices to optimize your Linux system Book DescriptionThe Yocto Project has become the de facto distribution build framework for reliable and robust embedded systems with a reduced time to market You ll get started by working on a build

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