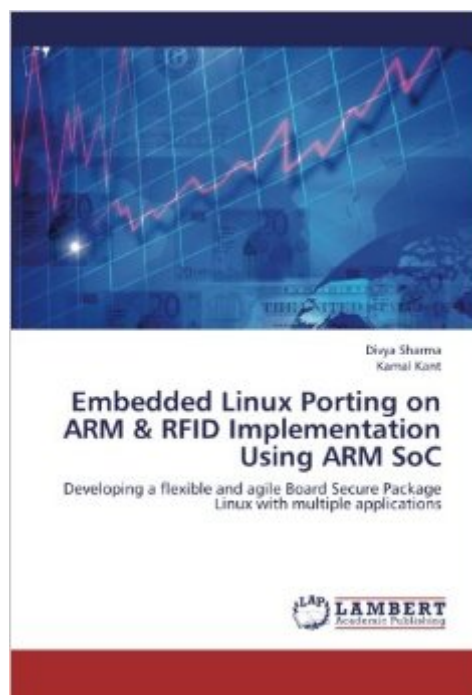# Embedded Linux Porting On ARM & RFID Implementation Using ARM SoC: Developing A Flexible And Agile Board Secure Package Linux With Multiple Applications

Divya Sharma
Kamal Kant

Embedded Linux Porting on ARM & RFID Implementation Using ARM SoC

Developing a flexible and agile Board Secure Package Linux with multiple applications

LAP LAMBERT
Academic Publishing

Synopsis

In this book, research work is done in the field of embedded systems as the need for portable and embedded system has increased dramatically in every field.ARM system-on-chip is the best platform for reducing the risk and the cost of SoC designs and thus accelerating the speed, accuracy, flexibility.Thus porting of the Linux Kernel is done on ARM platform by using the proposed algorithm based on PORTING THE LINUX KERNEL ON ARM9 PLATFORM & UPDATING THE BOOTLOADER. Various complex architectures and applications can be implemented easily using ARM. After porting part has been completed RFID based security system is being implemented using ARM system on chip. RFID security system is one of the challenging and emerging technology and ARM development board which gives it an extra edge by overcoming various security issues.With the use of open source technology and choosing embedded Linux as the development platform, the development cost has reduced tremendously.

Book Information

Paperback: 84 pages

Publisher: LAP LAMBERT Academic Publishing (July 24, 2013)

Language: English

ISBN-10: 365943163X

ISBN-13: 978-3659431630

Product Dimensions: 5.9 x 0.2 x 8.7 inches

Shipping Weight: 4.8 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #9,416,451 in Books (See Top 100 in Books)   #82 inÂ Books > Computers & Technology > Operating Systems > Linux > Applications   #17710 inÂ Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics

Download to continue reading...

Embedded Linux Porting on ARM & RFID Implementation Using ARM SoC: Developing a flexible and agile Board Secure Package Linux with multiple applications Agile: Agile Project Management CherryTree Style Guide(Scrum,Agile Scrum,agile methodology,Agile development,agile coaching,agile leader,agile methods,scrum master certification,agile introduction) Agile Product Management: (Box Set) Agile Estimating & Planning Your Sprint with Scrum and Release Planning 21 Steps (agile project management, agile software ... agile scrum, agile estimating and planning) Agile Estimating & Planning Your Sprint with Scrum (agile project management, agile software

development, agile development, agile scrum, agile estimating and planning) Agile Project Management: Box Set - Agile Project Management QuickStart Guide & Agile Project Management Mastery (Agile Project Management, Agile Software Development, Agile Development, Scrum) Agile Product Management: (Box Set) : Scrum: A Cleverly Concise Agile Guide and Agile: The Complete Overview of Agile Principles and Practices (scrum, ... development, agile software development) Agile Project Management: QuickStart Guide - The Simplified Beginners Guide To Agile Project Management (Agile Project Management, Agile Software Development, Agile Development, Scrum) Agile Project Management: & Scrum Box Set - Agile Project Management QuickStart Guide & Scrum QuickStart Guide (Agile Project Management, Agile Software ... Scrum, Scrum Agile, Scrum Master) Agile Project Management: Mastery - An Advanced Guide To Agile Project Management (Agile Project Management, Agile Software Development, Agile Development, Scrum) Agile Project Management: The Agile PMO: Leading the Effective, Value Driven and Agile Project Management Office (Agile Business Leadership Book 1) Agile Project Management: For Beginners - A Brief Introduction to Learning the Basics of Agile Project Management (Agile Project Management, Agile Software Development, Scrum) Agile Product Management: (Box Set): Agile Estimating & Planning Your Sprint with Scrum & User Stories 21 Tips (scrum, scrum master, agile development, agile software development) Agile Project Management: Agile Revolution, Beyond Software Limits: A Practical Guide to Implementing Agile Outside Software Development (Agile Business Leadership, Book 4) Agile Project Management: An Inclusive Walkthrough of Agile Project Management (Agile Project Management, Agile Software Developement, Scrum, Project Management) Developing and Porting C and C++ Applications on Aix (Ibm Redbooks) ARM Assembly for Embedded Applications The Embedded Internet: TCP/IP Basics, Implementation and Applications Linux: Linux Command Line - A Complete Introduction To The Linux Operating System And Command Line (With Pics) (Unix, Linux kemel, Linux command line, ... CSS, C++, Java, PHP, Excel, code) (Volume 1) Tracking Pedestrians from Multiple Cameras: Computer Vision techniques for multiple people localization, tracking and behavior analysis using several cameras Embedded FreeBSD Cookbook (Embedded Technology)