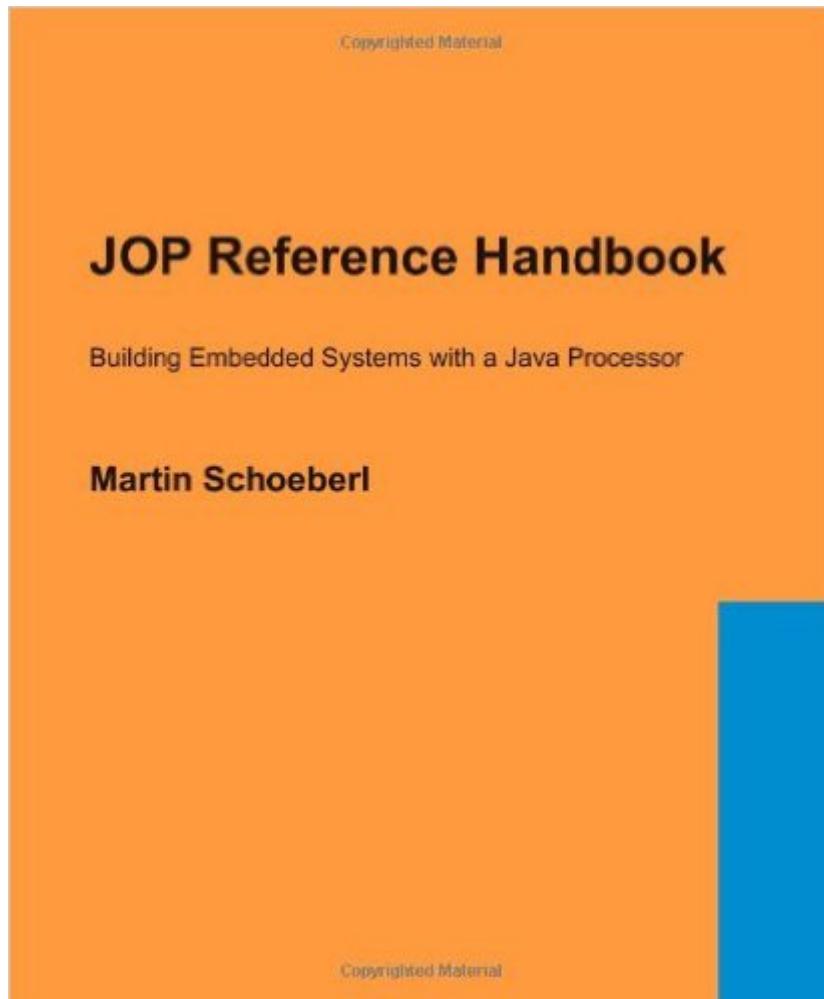


The book was found

JOP Reference Handbook: Building Embedded Systems With A Java Processor



Synopsis

This book is about JOP, the Java Optimized Processor. JOP is an implementation of the Java virtual machine (JVM) in hardware. The main implementation platform is a field-programmable gate array (FPGA). JOP began as a research project for a PhD thesis. In the mean time, JOP has been used in several industrial applications and as a research platform. JOP is a time-predictable processor for hard real-time systems implemented in Java. JOP is open-source under the GNU GPL and has a growing user base. This book is written for all of you who build this lively community. For a long time the PhD thesis, some research papers, and the web site have been the main documentation for JOP. A PhD thesis focus is on research results and implementation details are usually omitted. This book complements the thesis and provides insight into the implementation of JOP and the accompanying JVM. Furthermore, it gives you an idea how to build an embedded real-time system based on JOP.

Book Information

Paperback: 362 pages

Publisher: CreateSpace (August 19, 2009)

Language: English

ISBN-10: 1438239696

ISBN-13: 978-1438239699

Product Dimensions: 7.5 x 0.9 x 9.2 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #6,099,844 in Books (See Top 100 in Books) #98 in Books > Computers & Technology > Programming > Languages & Tools > Java > Reference #573 in Books > Computers & Technology > Hardware & DIY > Microprocessors & System Design > Embedded Systems #1083970 in Books > Reference

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

JOP Reference Handbook: Building Embedded Systems with a Java Processor Java: The Ultimate Guide to Learn Java and Python Programming (Programming, Java, Database, Java for dummies, coding books, java programming) (HTML, ... Developers, Coding, CSS, PHP) (Volume 3) JAVA: JAVA in 8 Hours, For Beginners, Learn Java Fast! A Smart Way to Learn Java, Plain & Simple, Learn JAVA Programming Language in Easy Steps, A Beginner's Guide, Start Coding Today! Food Processor Greats: Delicious Food Processor Recipes, The Top 100 Food Processor Recipes Java:

The Simple Guide to Learn Java Programming In No Time (Programming, Database, Java for dummies, coding books, java programming) (HTML, Javascript, Programming, Developers, Coding, CSS, PHP) (Volume 2) Embedded FreeBSD Cookbook (Embedded Technology) Real-Time Systems: Design Principles for Distributed Embedded Applications (Real-Time Systems Series) Handbook of Java Syntax: A Reference to the Java Programming Language Java Programming for Kids: Learn Java Step By Step and Build Your Own Interactive Calculator for Fun! (Java for Beginners) Serial Port Complete: COM Ports, USB Virtual COM Ports, and Ports for Embedded Systems (Complete Guides series) Embedded Linux: Das Praxisbuch (X.systems.press) (German Edition) Practical Linux Programming: Device Drivers, Embedded systems, and the Internet (with CD- ROM) (Programming Series) Synthesis of Arithmetic Circuits: FPGA, ASIC and Embedded Systems Practical UML Statecharts in C/C++: Event-Driven Programming for Embedded Systems Java AWT Reference (Java Series) Java in a Nutshell: A Desktop Quick Reference for Java Programmers (In a Nutshell (O'Reilly)) Jdbc Database Access With Java: A Tutorial and Annotated Reference (Java Series) Java in a Nutshell: A Desktop Quick Reference for Java Programmers (Nutshell Handbooks) Java Gems: Jewels from Java Report (SIGS Reference Library) Java How to Program: Late Objects Version, Addison-Wesley's Java Backpack Reference Guide (8th Edition)

[Dmca](#)