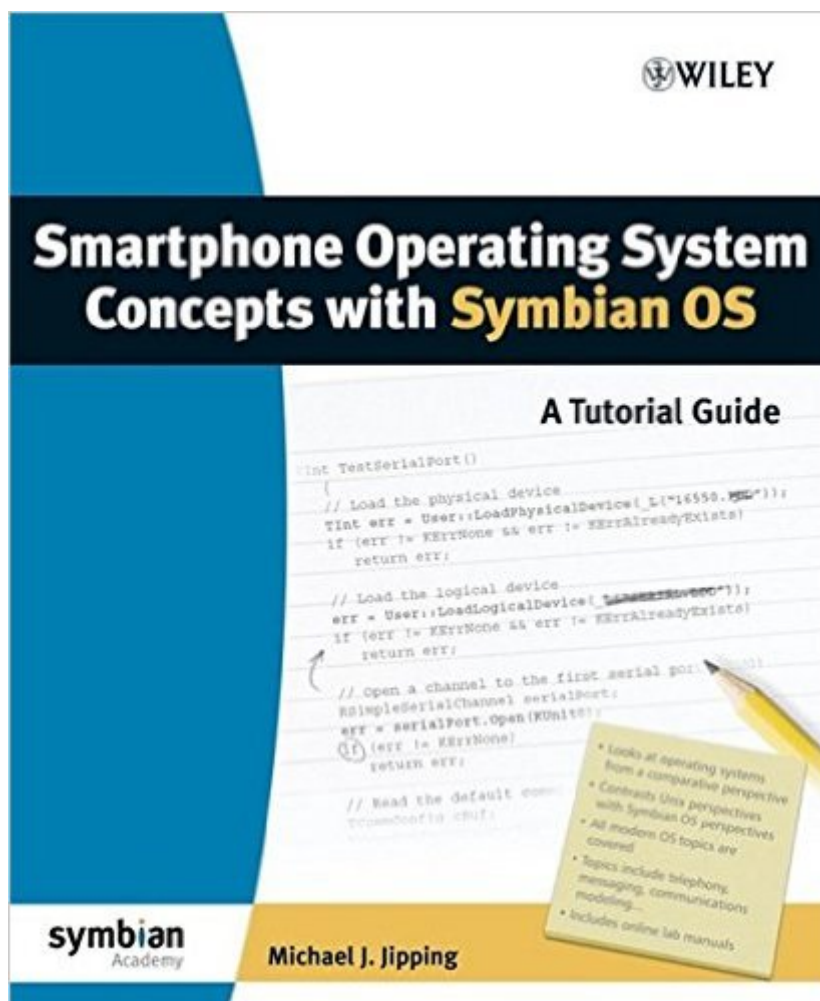# Smartphone Operating System Concepts With Symbian OS: A Tutorial Guide

Synopsis

Smartphone Operating System Concepts with Symbian OS uses Symbian OS as a vehicle to discuss operating system concepts as they are applied to mobile operating systems.It is this focus that makes this tutorial guide both invaluable and extremely relevant for today's student.In addition to presenting and discussing operating system concepts, this book also includes exercises that compare and contrast Symbian OS, Unix/Linux and Microsoft Windows. These assignments can be worked on in a classroom laboratory or in a student's own time. The book is replete with examples (both conceptual and applied to handhelds) as well as: * Summaries at the end of each chapter. * Problems the students can do as homework. * Experiment-oriented exercises and questions for students to complete on a handheld device * A reading list, bibliography and a list of sources for handheld software It also contains a series of on-line laboratories based on the software developed for Symbian OS devices. Students can perform these labs anywhere, and can use printing and e-mail facilities to construct lab write-ups and hand in assignments. Students, for the first time, will be taught Symbian OS concepts so that they can start developing smartphone applications and become part of the mass-market revolution.

Book Information

Paperback: 354 pages

Publisher: Wiley; 1 edition (May 21, 2007)

Language: English

ISBN-10: 0470034491

ISBN-13: 978-0470034491

Product Dimensions: 7 x 0.8 x 8.3 inches

Shipping Weight: 1.2 pounds

Average Customer Review: 4.0 out of 5 starsÂ Â See all reviewsÂ (1 customer review)

Best Sellers Rank: #4,588,028 in Books (See Top 100 in Books)   #7 inÂ Books > Computers & Technology > Programming > APIs & Operating Environments > EPOC-Symbian   #418 inÂ Books > Computers & Technology > Programming > APIs & Operating Environments > Operating Systems Theory   #3586 inÂ Books > Textbooks > Computer Science > Operating Systems

Customer Reviews

This book addresses Symbian OS in a large context, take chapter 5 for example, it first talks about basic concepts of process scheduling, then goes to scheduling strategies such FCFS, SJF, round-robin, priority, multiple-queuing and real-time, then it covers scheduling in Linux and

microkernel architecture, finally it covers scheduling in Symbian OS within one page.It's broad but a little bit shallow. It also lacks coverage of device driver, overall a very good book for casual reading.

Smartphone Operating System Concepts with Symbian OS: A Tutorial Guide Symbian OS Platform Security: Software Development Using the Symbian OS Security Architecture (Symbian Press) Symbian OS Explained: Effective C++ Programming for Symbian OS v9 Smartphones (Symbian Press) Symbian for Software Leaders: Principles of Successful Smartphone Development Projects (Symbian Press) Programming PC Connectivity Applications for Symbian OS: Smartphone Synchronization and Connectivity for Enterprise and Application Developers (Symbian Press) Developing Software for Symbian OS: An Introduction to Creating Smartphone Applications in C++ (Symbian Press) Programming Java 2 Micro Edition for Symbian OS: A developer's guide to MIDP 2.0 (Symbian Press) The Symbian OS Architecture Sourcebook: Design and Evolution of a Mobile Phone OS (Symbian Press) Symbian OS C++ for Mobile Phones: Volume 1: Professional Development on Constrained Devices (Symbian Press) Symbian OS C++ for Mobile Phones: Programming with Extended Functionality and Advanced Features (Symbian Press) Symbian OS C++ for Mobile Phones: Programming with Extended Functionality and Advanced Features: 2 (Symbian Press) Linux: Linux Mastery. The Ultimate Linux Operating System and Command Line Mastery (Operating System, Linux) Android Smartphone help: Take care of your android (smartphone guide Book 1) Create Your Own Operating System: Build, deploy, and test your very own operating systems for the Internet of Things and other devices Gilbert American Flyer S Gauge Operating & Repair Guide: Volume 2 (Gilbert American Flyer S Gauge Operating and Repair Guide) Operating System Concepts Operating System Concepts Essentials, 2nd Edition Operating System Concepts Essentials Beaded Half Hitch Macrame Bracelet Tutorial: Step by step tutorial showing how to make a beaded macrame bracelet. Shell Scripting Tutorial For Unix Linux - Included Free 6+ Hours of Online Tutorial Included