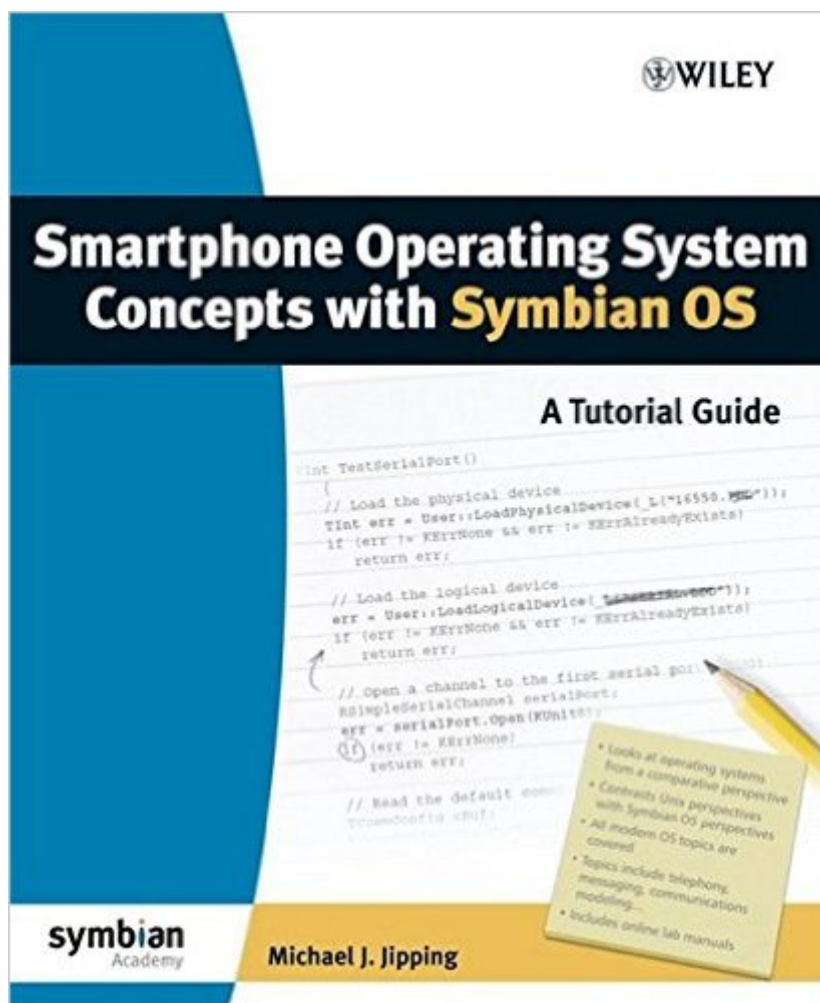


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# Smartphone Operating System Concepts With Symbian OS: A Tutorial Guide



## 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 stars [See all reviews](#) (1 customer review)

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

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