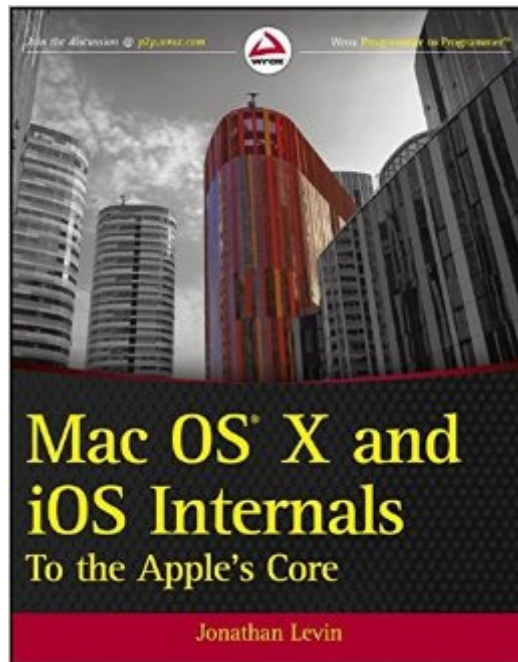


The book was found

Mac OS X And iOS Internals: To The Apple's Core



Synopsis

An in-depth look into Mac OS X and iOS kernels Powering Macs, iPhones, iPads and more, OS X and iOS are becoming ubiquitous. When it comes to documentation, however, much of them are shrouded in mystery. Cocoa and Carbon, the application frameworks, are neatly described, but system programmers find the rest lacking. This indispensable guide illuminates the darkest corners of those systems, starting with an architectural overview, then drilling all the way to the core. Provides you with a top down view of OS X and iOS Walks you through the phases of system startup both Mac (EFi) and mobile (iBoot) Explains how processes, threads, virtual memory, and filesystems are maintained Covers the security architecture Reviews the internal Apis used by the system BSD and Mach Dissects the kernel, XNU, into its sub components: Mach, the BSD Layer, and I/o kit, and explains each in detail Explains the inner workings of device drivers From architecture to implementation, this book is essential reading if you want to get serious about the internal workings of Mac OS X and iOS.

Book Information

Paperback: 864 pages

Publisher: Wrox; 1 edition (November 6, 2012)

Language: English

ISBN-10: 1118057651

ISBN-13: 978-1118057650

Product Dimensions: 7.4 x 1.6 x 9.3 inches

Shipping Weight: 3.2 pounds (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 stars See all reviews (20 customer reviews)

Best Sellers Rank: #277,744 in Books (See Top 100 in Books) #29 in Books > Computers & Technology > Programming > Apple Programming #78 in Books > Computers & Technology > Operating Systems > Macintosh #141 in Books > Computers & Technology > Mobile Phones, Tablets & E-Readers > Programming & App Development

Customer Reviews

It is true that reading a kernel book can be difficult and not fun, but the problem of this book is beyond this. If you read the table of content, it looks like this book covers a lot of aspects. Providing "Mac OS X Internal" is somewhat "outdated", this book might be the only one you can get in the market. It does cover a lot of aspects, but leaves none of them discussed in-depth. For example, VFS. It is sad that Mac OS X Internal doesn't really cover a lot on VFS. I bought this book, hoping

that it could discuss more about Mac OS X VFS, but I was disappointed. It covers even less. The VFS Mac OS X is using now was a fork of FreeBSD. They share a common ancestor at some point of time, then they diverged. If you look into the current FreeBSD VFS, it's very different with the one Mac OS X is using. So you cannot simply depend on a FreeBSD kernel book. I don't want to make my code dirty, I always want to make sure I have a good understanding of all the assumptions of VFS interfaces before I move on. The fact is that, there's no single book on shelf can reach this goal. Apple doesn't have a good documentation of their VFS, either. So as an independent developer, reading Apple's existing code (devfs for memory based VFS, HFS for block device based VFS) seems to be the only way to learn it. Beside the above problem, another big issue is the typos and errors in this book. There are quite a number of typos. Most of them don't cause real trouble since you can correct them by yourselves, but some of them are really misleading. Like on page 348, the first parameter of mach_msg call should be a pointer type, but the star is missing. I stared at it for a minute and looked at the real source code, proved that the book was wrong. Other errors also make glitches while reading.

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

Mac OS X and iOS Internals: To the Apple's Core Apple Watch: The Ultimate Apple Watch User Guide - Discover How To Use Apple Watch Apps, Easy User Manual, With Secret Tips And Tricks! (Iphone, Apps, ios) The Complete Beginners Guide to Mac OS X El Capitan: (For MacBook, MacBook Air, MacBook Pro, iMac, Mac Pro, and Mac Mini) Coconut Oil and Apple Cider Vinegar: 28 Mind Blowing Uses for Coconut Oil and Apple Cider Vinegar (The Apple Cider Vinegar and Coconut Oil Bible - Amazing Benefits, Many Uses, and Natural Cures) Apple Watch: Apple Watch User Guide, Secrets & Tips (Apple Manual Book) iPhone 6: Apple iPhone 6 Beginners Guide - Learn How To Use And Get The Most Out Of Your iPhone 6 & iPhone 6S (Apple, IOS, iPhone 6/6s/6 Plus) iPhone 6: Apple iPhone 6 User Guide - Learn How To Use iPhone 6, iPhone 6s & iPhone 6s Plus, With Advanced Tips! (Apple, IOS, Yosemite) Apple Watch: Apple Watch 101 Guide (watches, apps, ios, iphone, technology) SWIFT: PROGRAMMING ESSENTIALS (Bonus Content Included): Learn iOS development! Code and design apps with Apple's New programming language TODAY (iOS development, swift programming) The iOS 5 Developer's Cookbook: Core Concepts and Essential Recipes for iOS Programmers (Developer's Library) Learning Core Data for iOS with Swift: A Hands-On Guide to Building Core Data Applications Exploring Mac App Development Strategies: Patterns & Best Practices for Clean Software Architecture on the Mac with Swift 2.0 and Tests Essential Mac OS X Panther Server Administration: Integrating Mac OS X Server into Heterogeneous Networks Mac OS X Server v10.6 : Installation, DNS, DHCP (Mon Mac & Moi)

(French Edition) 57 Delish Mac N Cheese Recipes: My All Time Favorite Mac & Cheese Recipes (57 Recipe Series) Mac's Field Guide to Northwest Coastal Fish (Mac's Field Guides) Apple Cider Vinegar Miracle Handbook: The Ultimate Health Guide to Silky Hair, Weight Loss, and Glowing Skin! How to Use Apple Cider Vinegar to ... Burn and Arthritis Plus find more Benefits. Apple's Homekit Smart Home Automation System Handbook: Discover How to Build Your Own Smart Home Using Apple's New HomeKit System (Smart Home Automation Essential Guides Book 7) Apple Cider Vinegar: Miracle Health System (Bragg Apple Cider Vinegar Miracle Health System: With the Bragg Healthy Lifestyle) Interviewing in Swift: Algorithms and Data Structures: Your guide in helping you prepare for the real world of software engineering interviews as an iOS or Mac OS developer.

[Dmca](#)