

# OS X and iOS Kernel Programming

By Ole Henry Halvorsen, Douglas Clarke

Download now

Read Online 

**OS X and iOS Kernel Programming** By Ole Henry Halvorsen, Douglas Clarke

*OS X and iOS Kernel Programming* combines essential operating system and kernel architecture knowledge with a highly practical approach that will help you write effective kernel-level code. You'll learn fundamental concepts such as memory management and thread synchronization, as well as the I/O Kit framework. You'll also learn how to write your own kernel-level extensions, such as device drivers for USB and Thunderbolt devices, including networking, storage and audio drivers.

*OS X and iOS Kernel Programming* provides an incisive and complete introduction to the XNU kernel, which runs iPhones, iPads, iPods, and Mac OS X servers and clients. Then, you'll expand your horizons to examine Mac OS X and iOS system architecture. Understanding Apple's operating systems will allow you to write efficient device drivers, such as those covered in the book, using I/O Kit.

With *OS X and iOS Kernel Programming*, you'll:

- Discover classical kernel architecture topics such as memory management and thread synchronization
- Become well-versed in the intricacies of the kernel development process by applying kernel debugging and profiling tools
- Learn how to deploy your kernel-level projects and how to successfully package them
- Write code that interacts with hardware devices
- Examine easy to understand example code that can also be used in your own projects
- Create network filters

Whether you're a hobbyist, student, or professional engineer, turn to OS X and iOS Kernel Programming and find the knowledge you need to start developing

 [Download OS X and iOS Kernel Programming ...pdf](#)

 [Read Online OS X and iOS Kernel Programming ...pdf](#)

# OS X and iOS Kernel Programming

By Ole Henry Halvorsen, Douglas Clarke

**OS X and iOS Kernel Programming** By Ole Henry Halvorsen, Douglas Clarke

*OS X and iOS Kernel Programming* combines essential operating system and kernel architecture knowledge with a highly practical approach that will help you write effective kernel-level code. You'll learn fundamental concepts such as memory management and thread synchronization, as well as the I/O Kit framework. You'll also learn how to write your own kernel-level extensions, such as device drivers for USB and Thunderbolt devices, including networking, storage and audio drivers.

*OS X and iOS Kernel Programming* provides an incisive and complete introduction to the XNU kernel, which runs iPhones, iPads, iPods, and Mac OS X servers and clients. Then, you'll expand your horizons to examine Mac OS X and iOS system architecture. Understanding Apple's operating systems will allow you to write efficient device drivers, such as those covered in the book, using I/O Kit.

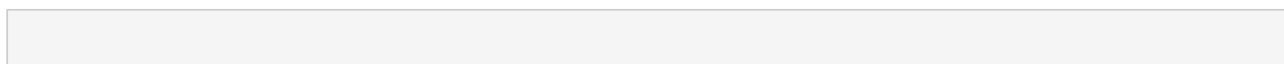
With *OS X and iOS Kernel Programming*, you'll:

- Discover classical kernel architecture topics such as memory management and thread synchronization
- Become well-versed in the intricacies of the kernel development process by applying kernel debugging and profiling tools
- Learn how to deploy your kernel-level projects and how to successfully package them
- Write code that interacts with hardware devices
- Examine easy to understand example code that can also be used in your own projects
- Create network filters

Whether you're a hobbyist, student, or professional engineer, turn to OS X and iOS Kernel Programming and find the knowledge you need to start developing

## **OS X and iOS Kernel Programming By Ole Henry Halvorsen, Douglas Clarke Bibliography**

- Rank: #715457 in Books
- Brand: Ole Henry Halvorsen
- Published on: 2011-12-23
- Released on: 2011-12-23
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x 1.09" w x 7.50" l, 1.82 pounds
- Binding: Paperback
- 484 pages



 [Download OS X and iOS Kernel Programming ...pdf](#)

 [Read Online OS X and iOS Kernel Programming ...pdf](#)

## **Download and Read Free Online OS X and iOS Kernel Programming By Ole Henry Halvorsen, Douglas Clarke**

---

### **Editorial Review**

About the Author

A bio is not available for this author.

### **Users Review**

**From reader reviews:**

**Joshua Johnson:**

The book OS X and iOS Kernel Programming make you feel enjoy for your spare time. You can utilize to make your capable considerably more increase. Book can for being your best friend when you getting stress or having big problem together with your subject. If you can make examining a book OS X and iOS Kernel Programming to become your habit, you can get considerably more advantages, like add your own capable, increase your knowledge about a number of or all subjects. You may know everything if you like wide open and read a reserve OS X and iOS Kernel Programming. Kinds of book are a lot of. It means that, science publication or encyclopedia or others. So , how do you think about this e-book?

**Barbara Goodman:**

The book OS X and iOS Kernel Programming can give more knowledge and also the precise product information about everything you want. Why then must we leave the best thing like a book OS X and iOS Kernel Programming? A few of you have a different opinion about publication. But one aim that book can give many info for us. It is absolutely suitable. Right now, try to closer along with your book. Knowledge or information that you take for that, you can give for each other; you are able to share all of these. Book OS X and iOS Kernel Programming has simple shape but the truth is know: it has great and massive function for you. You can look the enormous world by open and read a e-book. So it is very wonderful.

**Cynthia Campbell:**

Here thing why this kind of OS X and iOS Kernel Programming are different and trustworthy to be yours. First of all looking at a book is good however it depends in the content from it which is the content is as delightful as food or not. OS X and iOS Kernel Programming giving you information deeper including different ways, you can find any publication out there but there is no reserve that similar with OS X and iOS Kernel Programming. It gives you thrill examining journey, its open up your eyes about the thing which happened in the world which is maybe can be happened around you. You can actually bring everywhere like in recreation area, café, or even in your way home by train. When you are having difficulties in bringing the paper book maybe the form of OS X and iOS Kernel Programming in e-book can be your alternative.

**Alexandria Sharp:**

OS X and iOS Kernel Programming can be one of your basic books that are good idea. We recommend that straight away because this reserve has good vocabulary that will increase your knowledge in vocab, easy to understand, bit entertaining but nevertheless delivering the information. The writer giving his/her effort to set every word into enjoyment arrangement in writing OS X and iOS Kernel Programming yet doesn't forget the main position, giving the reader the hottest in addition to based confirm resource facts that maybe you can be certainly one of it. This great information can certainly drawn you into brand new stage of crucial pondering.

**Download and Read Online OS X and iOS Kernel Programming By Ole Henry Halvorsen, Douglas Clarke #SHRPN4FZ2JO**

## **Read OS X and iOS Kernel Programming By Ole Henry Halvorsen, Douglas Clarke for online ebook**

OS X and iOS Kernel Programming By Ole Henry Halvorsen, Douglas Clarke Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read OS X and iOS Kernel Programming By Ole Henry Halvorsen, Douglas Clarke books to read online.

### **Online OS X and iOS Kernel Programming By Ole Henry Halvorsen, Douglas Clarke ebook PDF download**

#### **OS X and iOS Kernel Programming By Ole Henry Halvorsen, Douglas Clarke Doc**

OS X and iOS Kernel Programming By Ole Henry Halvorsen, Douglas Clarke Mobipocket

OS X and iOS Kernel Programming By Ole Henry Halvorsen, Douglas Clarke EPub

SHRPN4FZ2JO: OS X and iOS Kernel Programming By Ole Henry Halvorsen, Douglas Clarke