



# Concurrent Programming in Mac OS X and iOS: Unleash Multicore Performance with Grand Central Dispatch

*Vandad Nahavandipoor*

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## **Concurrent Programming in Mac OS X and iOS: Unleash Multicore Performance with Grand Central Dispatch** Vandad Nahavandipoor

Now that multicore processors are coming to mobile devices, wouldn't it be great to take advantage of all those cores without having to manage threads? This concise book shows you how to use Apple's Grand Central Dispatch (GCD) to simplify programming on multicore iOS devices and Mac OS X.

Managing your application's resources on more than one core isn't easy, but it's vital. Apps that use only one core in a multicore environment will slow to a crawl. If you know how to program with Cocoa or Cocoa Touch, this guide will get you started with GCD right away, with many examples to help you write high-performing multithreaded apps.

- Package your code as block objects and invoke them with GCD
- Understand dispatch queues—the pools of threads managed by GCD
- Use different methods for executing UI and non-UI tasks
- Create a group of tasks that GCD can run all at once
- Instruct GCD to execute tasks only once or after a delay
- Discover how to construct your own dispatch queues

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Spent a free the perfect time to be fun activity to perform! A lot of people spent their sparetime with their family, or their very own friends. Usually they accomplishing activity like watching television, about to beach, or picnic in the park. They actually doing same thing every week. Do you feel it? Do you wish to something different to fill your own personal free time/ holiday? May be reading a book may be option to fill your free time/ holiday. The first thing you will ask may be what kinds of book that you should read. If you want to try look for book, may be the e-book untitled Concurrent Programming in Mac OS X and iOS: Unleash Multicore Performance with Grand Central Dispatch can be fine book to read. May be it could be best activity to you.

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Exactly why? Because this Concurrent Programming in Mac OS X and iOS: Unleash Multicore Performance with Grand Central Dispatch is an unordinary book that the inside of the reserve waiting for you to snap the idea but latter it will shock you with the secret the item inside. Reading this book beside it was fantastic author who have write the book in such awesome way makes the content interior easier to understand, entertaining means but still convey the meaning totally. So , it is good for you because of not hesitating having this any more or you going to regret it. This amazing book will give you a lot of positive aspects than the other book get such as help improving your ability and your critical thinking method. So , still want to hold up having that book? If I had been you I will go to the publication store hurriedly.

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