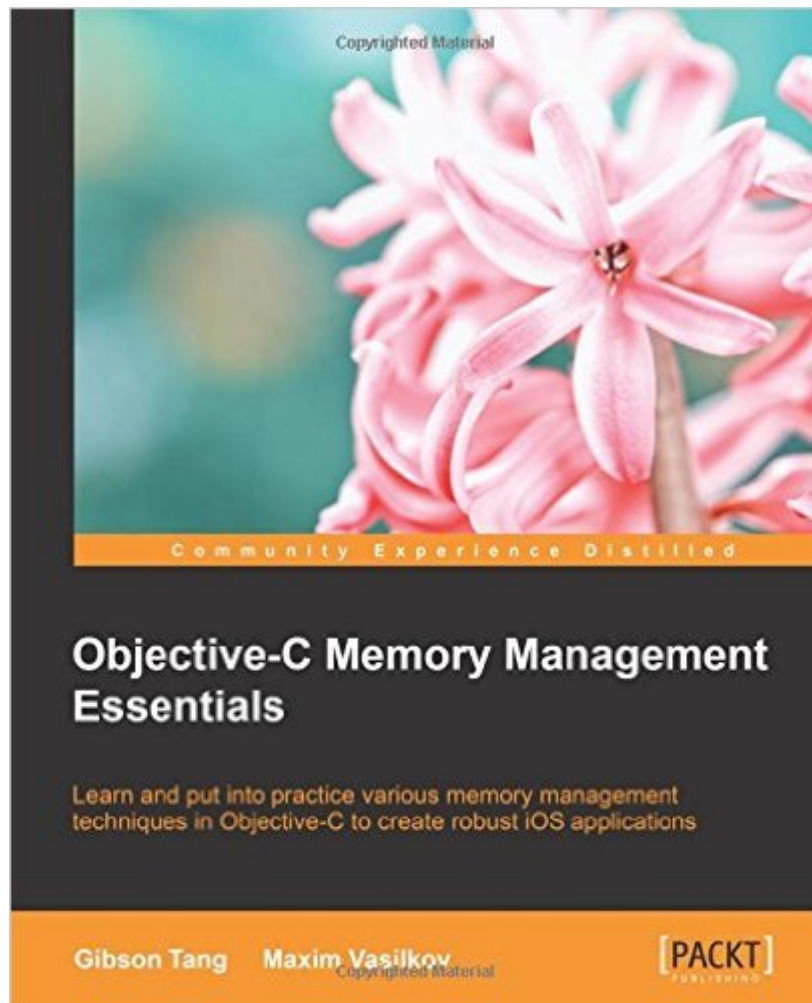The book was found

# Objective C Memory Management Essentials

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## Synopsis

Learn and put into practice various memory management techniques in Objective-C to create robust iOS applications About This BookLearn about the concepts of memory management in Objective-CGet introduced to Swift, an innovative new programming language for Cocoa and Cocoa TouchA step-by-step approach to various memory management techniques with lots of sample code and Xcode projects for your referenceWho This Book Is ForIf you are new to Objective-C or a veteran in iOS application development, this is the book for you. This book will ensure that you can actively learn the methods and concepts in relation to memory management in a more engaging way. Basic knowledge of iOS development is required for this book.What You Will Learn Understand the theoretical basics of memory management Discover how and why memory leaks occur Use Objective-C to stem memory leaks in your application Familiarize yourself with the various memory debugging tools available in Xcode Implement data persistence using Core Data Understand how ARC helps in memory management Introduce yourself to Swift, the brand new programming language to write effective, lightning-fast applications In DetailObjective-C Memory Management Essentials will familiarize you with the basic principles of Objective-C memory management, to create robust and effective iOS applications. You will begin with a basic understanding of memory management, and why memory leaks occur in an application, moving on to autorelease pools and object creation/storage to get an idea of how memory is allocated. You will also see what ARC (Automatic Reference Counting) is and how it helps in memory management. Finally, you will cover examples on how to use the various tools provided by Xcode to help in memory management. You will also get a basic understanding of Swift, the recently introduced programming language to write interactive and lightning-fast applications.By the end of this book, you will have all the necessary knowledge on how to effectively memory-manage your application with best practices.

## Book Information

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## Customer Reviews

The title is misleading. It is filled with light basics on Objective-C, but very very cursory coverage of
memory management issues, and much of it is far out of date since ARC became the standard. I
flew through several chapters of very basic stuff, really just beginner level Objective-C. Several
times when I thought he was finally going to get to some of the meaty stuff I was looking for, he
stopped short and I was left empty handed! It's not fair, in a book with Memory Management in the
title, to tell us things like "even with ARC there an be memory leaks..." and then not show us the
many ways they can happen other than a cycle.And the real reason I bought this was hoping to gain
some deeper insights into how to use the very valuable Xcode tools like the Allocations instrument,
along with some examples of using it to track down hard to find memory issues. But all I got was two
pages with a little bit of text saying that the Allocations instrument was great for finding memory
leaks and so forth, and a screen shot of it, but no instructions or examples whatsoever.This book
might be of some use to a beginning Objective-C programmer (and he throws in a cursory chapter
on Swift too, for some reason). But don't expect any depth or advanced tips at all!

Each chapter introduces the subject from basic principles through implementation. Complex
concepts, such as reference counting, ARC, data persistence, key value coding, etc were presented
in a way that I was able to quickly understand, even though I had no experience in these areas nor
even in device programming. It introduced new and critical aspects to device programming that I
was not familiar with, such as Swift. The book engages the central topic from multiple perspectives:
from review of basic concepts and their application to coding (chapters 1-3), to related memory
topics such as data persistence (chapter 5-6), and KVC (chapter 7), and then returning to more
rigorous review of memory management concepts and their implementation (chapter 9); capped
with presentation of the authors' practical experience in memory management (chapter 10). In
general, I found this book to be an outstanding combination of theory, practice and experience
packaged in such a way that it was readable and useful by an experienced programmer new to
device programming. The authors are clearly knowledgeable and comfortable in their field.

Objective C Memory Management Essentials Quantum Memory Power: Learn to Improve Your Memory with the World Memory Champion! Book 2: Flying With Objective-C - iOS App Development for Non-Programmers: The Series on How to Create iPhone & iPad Apps Bulugh Al-Maram: Attainment of the Objective According to Evidence of the Ordinances The Objective Guide to Estate Planning and Life Insurance Robert Ludlum's The Bourne Objective The Project Management Memory Jogger (Second Edition) (Memory Jogger Series) Essentials of Nursing Leadership & Management (Whitehead, Essentials of Nursing Leadership and Management) The Microsoft Guide to Managing Memory With MS-DOS 6: Installing, Configuring, and Optimizing Memory for MS-DOS and Windows Operating Systems Mosby's Fluids & Electrolytes Memory NoteCards: Visual, Mnemonic, and Memory Aids for Nurses, 2e Mosby's Pharmacology Memory NoteCards: Visual, Mnemonic, and Memory Aids for Nurses, 4e Mosby's OB/Peds & Women's Health Memory NoteCards: Visual, Mnemonic, and Memory Aids for Nurses, 1e Mosby's Assessment Memory NoteCards: Visual, Mnemonic, and Memory Aids for Nurses, 2e Mosby's Pathophysiology Memory NoteCards: Visual, Mnemonic, and Memory Aids for Nurses, 2e How to Learn & Memorize a Randomized Deck of Playing Cards ... Using a Memory Palace and Image-Association System Specifically Designed for Card Memorization Mastery (Magnetic Memory Series) How to Remember Names and Faces: Master the Art of Memorizing Anyone's Name by Practicing w Over 500 Memory Training Exercises of People's Faces | Improve ... (Better Memory Now | Remember Names Book 1) How to Learn & Memorize Legal Terminology: ...Using a Memory Palace Specifically Designed for Memorizing the Law & its Precedents (Magnetic Memory Series) The Memory Code: The Traditional Aboriginal Memory Technique That Unlocks the Secrets of Stonehenge, Easter Island and Ancient Monuments the World Over How to Learn and Memorize English Grammar Rules: Using a Memory Palace Network Specifically Designed for the English Language, Magnetic Memory Series How to Learn and Memorize German Grammar: Using a Memory Palace Network Specfically Designed for German, Magnetic Memory Series