

# Learning Core Data For Ios A Hands On Guide To Building Core Data Applications

**Pro Core Data for iOS** [Core Data Learning Core Data for iOS](#) **Pro Core Data for iOS, Second Edition** [Core Data for iOS Moving Data](#) [Learning Core Data for iOS with Swift](#) [Core Data in Swift](#) [Core Data in iOS 11](#) [Data Storage in iOS 11](#) [Learning iCloud Data Management](#) **Core Data in Objective-C** **Data-driven iOS Apps for iPad and iPhone with FileMaker Pro, Bento by FileMaker, and FileMaker Go** **Pro Core Data for iOS** **Pro Core Data for iOS, Second Edition** **Learning Core Data for iOS Hacking and Securing iOS Applications** [Core Data iOS Essentials](#) **Core Data by Tutorials (Eighth Edition)** [Sams Teach Yourself Core Data for Mac and iOS in 24 Hours](#) [iOS Cloud Development For Dummies](#) **Core Data by Tutorials (Sixth Edition): Persisting iOS App Data with Core Data in Swift** **Core Data by Tutorials** [SwiftUI Cookbook](#) [iPhone Forensics](#) [Build iOS Database Apps with Swift and SQLite](#) [iCloud and CloudKit iPhone and iOS Forensics](#) **Professional iOS Database Application Programming** [iOS 5 Programming Cookbook](#) **Developing iOS Core Data Apps** [Sams Teach Yourself Core Data for Mac and iOS in 24 Hours](#) [iOS 10 Swift Programming Cookbook](#) **iOS Swift Game Development Cookbook** [Knowledge of the Law in the Big Data Age](#) **Meet the iPad and iOS 5 Build Location-Based Projects for iOS** **Unleash Core Data iOS Apprentice (Eighth Edition): Beginning iOS Development with Swift and UIKit Practical Mobile Forensics**

Right here, we have countless ebook **Learning Core Data For Ios A Hands On Guide To Building Core Data Applications** and collections to check out. We additionally come up with the money for variant types and after that type of the books to browse. The customary book, fiction, history, novel, scientific research, as well as various further sorts of books are readily easy to use here.

As this Learning Core Data For Ios A Hands On Guide To Building Core Data Applications, it ends taking place living thing one of the favored book Learning Core Data For Ios A Hands On Guide To Building Core Data Applications collections that we have. This is why you remain in the best website to see the incredible ebook to have.

**Core Data in Objective-C** Nov 17 2021 Core Data is Apple's data storage framework: it's powerful, built-in, and can integrate with iCloud. Discover all of Core Data's powerful capabilities, learn fundamental principles including thread and memory management, and add Core Data to both your iOS and OS X projects. All examples in this edition are based on Objective-C and are up-to-date for the latest versions of OS X El Capitan and iOS 9. Core Data expert Marcus Zarra walks you through a fully developed application based around the Core Data APIs. You'll build on this application throughout the book, learning key Core Data principles such as NSPredicate, NSFetchRequest, thread management, and memory management. Start with the basics of Core Data and learn how to use it to develop your application. Then delve deep into the API details. Explore how to get Core Data integrated into your application properly, and work with this flexible API to create convenience methods to improve your application's maintainability. Reduce your migration difficulties, integrate your Core Data app with iCloud and Watch Kit, and use Core Data in a queue-based environment. By the end of the book, you'll have built a full-featured application, gained a complete understanding of Core Data, and learned how to integrate your application into the iPhone/iPad platform. This third edition updates all examples for OS X El Capitan and iOS 9, and gets you up to speed on changes in multithreading and batch processing. There's a new chapter on efficiently importing data from a network location, and a new discussion of how best to pre-load data into your application. What You Need: Mac OS X El Capitan and iOS 9 and a basic working knowledge of Objective-C

**Pro Core Data for iOS** Oct 28 2022 The power of Core Data allows iOS developers to efficiently store and retrieve application data using familiar object-oriented paradigms. Pro Core Data for iOS explains both how and why to use Core Data for data storage, from simple to advanced techniques. Covering common and advanced persistence patterns, this book prepares any iOS developer to store and retrieve data accurately and proficiently. Lots of iOS development books touch on Core Data, taking you through a few mainstream use cases for storing and retrieving data in your iOS applications. In Pro Core Data for iOS, however, we take you further into Core Data and show you how to leverage the power of this data framework. After reading this book, you'll be able to answer all of these questions: What are all the parts of Core Data, and how do they interact? How do I create my own custom store? Should I use plain NSManagedObject instances or custom classes? How do I undo and redo Core Data actions? How do I filter, sort, and aggregate data? What is "faulting," and why should I care? Suppose I want to change my data model; how do I migrate my users' data? Pro Core Data for iOS delves into these and other Core Data questions. With explanations, diagrams, code samples, and working explanations, this book will make you a Core Data pro!

*iPhone and iOS Forensics* Jul 01 2020 iPhone and iOS Forensics is a guide to the forensic acquisition and analysis of iPhone and iOS devices, and offers practical advice on how to secure iOS devices, data and apps. The book takes an in-depth look at methods and processes that analyze the iPhone/iPod in an official legal manner, so that all of the methods and procedures outlined in the text can be taken into any courtroom. It includes information data sets that are new and evolving, with official hardware knowledge from Apple itself to help aid investigators. This book consists of 7 chapters covering device features and functions; file system and data storage; iPhone and iPad data security; acquisitions; data and application analysis; and commercial tool testing. This book will appeal to forensic investigators (corporate and law enforcement) and incident response professionals. Learn techniques to forensically acquire the iPhone, iPad and other iOS devices Entire chapter focused on Data and Application Security that can assist not only forensic investigators, but also application developers and IT security managers In-depth analysis of many of the common applications (both default and downloaded), including where specific data is found within the file system

**Learning Core Data for iOS** Jul 13 2021 Get Started Fast with iOS 7 Core Data App Development Covers iOS 7 and Xcode 5 This is the first Core Data book to fully reflect Apple's latest platform innovations, including its dramatic recent improvements to iCloud support. Hands-on from start to finish, it teaches you step-by-step as you create a modern data-driven iOS app using Storyboards, ARC, iOS 7, and Xcode 5. Tim Roadley introduces new patterns and best practices designed to overcome the frustrations of Core Data development. One step at a time, you'll build and extend your skills—even mastering advanced techniques such as complex model migration, deep copy, background processing, and integration with Dropbox, StackMob, and iCloud. Downloadable versions of this book's main project are provided with each chapter, so you can see exactly what your app project should look like—and get cookbook-style code for your own projects. Chapter exercises help you explore even further, whether you're a self-learner or a student in an iOS development course. If you're an experienced iOS developer, this guide brings together all the skills, tools, code, and patterns you need to add powerful data management capabilities to any app—quickly, easily, and painlessly. Coverage includes the following: Understanding Core Data Adding Core Data to an existing project Designing, upgrading, and migrating data models (automatically and manually with progress indication) Populating views with data, including table-views and picker-views Preloading a "default data" persistent store from XML Deep-copying from one persistent store to another Performance tuning with Instruments, using large photos as the example Background processing, using thumbnail generation as the example Efficient search Seamlessly backing up and restoring with Dropbox Stable integration with iCloud—with full support for multiple accounts, seeding, and de-duplication Web service integration with StackMob

**Hacking and Securing iOS Applications** Jun 12 2021 Explores hacking the iPhone and iPad; provides practical information on specific security threats; and presents a discussion of code level countermeasures for implementing security.

**Meet the iPad and iOS 5** Oct 24 2019 This hands-on guide steers you through how to navigate the home screen; launch, run, and switch between apps; use the magical Smart Cover to put to sleep and wake your iPad; change and lock screen orientation, adjust screen brightness; and conserve battery life. You'll learn how to master Multi-Touch gestures, work with text, shoot video and photos using the two built-in cameras, make FaceTime calls, sync files and content with a iCloud, connect to the Internet using a Wi-Fi or 3G network, link up with Bluetooth devices, mirror video, and search using Spotlight. This practical, approachable guide by Apple guru Jeff Carlson will quickly help you get the most out of your iPad 2 with iOS 5! Table of Contents: Introduction Power On and Set Up the iPad iPad Essentials Multi-Touch Gestures Work with Text Connect to the Internet Using Wi-Fi Connect to the Internet Using 3G Use iCloud Read Notifications Connect to Bluetooth Devices

*iPhone Forensics* Oct 04 2020 "This book is a must for anyone attempting to examine the iPhone. The level of forensic detail is excellent. If only all guides to forensics were written with this clarity!"-Andrew Sheldon, Director of Evidence Talks, computer forensics experts With iPhone use increasing in business networks, IT and security professionals face a serious challenge: these devices store an enormous amount of information. If your staff conducts business with an iPhone, you need to know how to recover, analyze, and securely destroy sensitive data. iPhone Forensics supplies the knowledge necessary to conduct complete and highly specialized forensic analysis of the iPhone, iPhone 3G, and iPod Touch. This book helps you: Determine what type of data is stored on the device Break v1.x and v2.x passcode-protected iPhones to gain access to the device Build a custom recovery toolkit for the iPhone Interrupt iPhone 3G's "secure wipe" process Conduct data recovery of a v1.x and v2.x iPhone user disk partition, and preserve and recover the entire raw user disk partition Recover deleted voicemail, images, email, and other personal data, using data carving techniques Recover geotagged metadata from camera photos Discover Google map lookups, typing cache, and other data stored on the live file system Extract contact information from the iPhone's database Use different recovery strategies based on case needs And more. iPhone Forensics includes techniques used by more than 200 law enforcement agencies worldwide, and is a must-have for any corporate compliance and disaster recovery plan.

**Core Data for iOS** Jun 24 2022 Today, virtually every non-trivial iPhone and iPad app must manage data—quickly, smoothly, reliably, and with minimal impact on the CPU to conserve battery life. Core Data, Apple's ready-made data persistence layer, can help you achieve all these goals. In Core Data for iOS, two leading iOS developers teach you the entire Core Data framework from the ground up. Writing for intermediate-to-advanced iOS developers, Tim Isted and Tom Harrington thoroughly explain how Core Data is used on iOS devices, introduce each of its primary classes, and show how they interact to provide amazing functionality with minimal configuration. You'll learn how to store, fetch, and validate data; provide it efficiently to views; and much more. Isted and Harrington first give you a firm grounding in the technology, and then present real-world examples. They present multiple sample projects, as well as a start-to-finish, chapter-length case study. Coverage includes • Understanding Core Data's features, classes, and interactions • Using Core Data in MVC-based iOS app development • Mapping relational data to object models, and building them with Xcode 4's Data Modeler • Working with managed objects and using UITableView to display them • Creating predicates to match numbers, data, and objects • Maintaining compatibility across versions of an app's data model • Tracking managed object contexts across view controllers • Using Core Data's automatic Undo functionality • Integrating abstract entities, entity inheritance, and multiple view controllers into a complete app • Optimizing for iOS devices' tight memory limits • Diagnosing and fixing common Core Data problems Introducing Addison-Wesley's new Core Frameworks Series, written for experienced iOS developers by world-class Mac and iOS developers, these are the first comprehensive, code-rich reference guides to Apple's Core Frameworks.

*iCloud and CloudKit* Aug 02 2020 Learn how to use iCloud from your iOS applications. After reading this guide, you will know how to connect to the user's iCloud account, how to store the app's settings on the cloud, how to upload documents, and how to create a database with CloudKit. Table of Contents ICloud Data in the Cloud Enabling iCloud Testing Devices Key-Value Storage iCloud Documents Multiple Documents CloudKit Container Records Zones Query Operations CloudKit Dashboard Implementing CloudKit References Assets Subscriptions Errors Deploy to Production QUICK REFERENCE NSUbiquitousKeyValueStore UIDocument NSMetadataQuery NSMetadataItem CKContainer CKRecord CKRecordID CKRecordZone CKQuery CKDatabase CKReference CKAsset CKDatabaseSubscription CKDatabase UIApplication CKFetchDatabaseChangesOperation CKFetchRecordZoneChangesOperation CKError Notifications This guide assumes that you have a basic knowledge of app development, Xcode, and the Swift language. You should also know how to create and

display Table Views. If you don't know how to program in Swift, how to work with Table Views, or how to create an application with Xcode, download our guides Introduction to Swift, Table Views and Collection Views, and Interface Builder. For a complete course on app development for iOS, read our book iOS Apps for Masterminds. This guide is a collection of excerpts from the book iOS Apps for Masterminds. The information included in this guide will help you understand a particular aspect of app development in iOS, but it will not teach you everything you need to know to develop an app for Apple devices. If you need a complete course on app development for iOS, read our book iOS Apps for Masterminds. For more information, visit our website at [www.formasterminds.com](http://www.formasterminds.com).

**Core Data by Tutorials (Eighth Edition)** Apr 10 2021 Learn Core Data With Swift! Take control of your data in iOS apps using Core Data, through a series of high quality hands-on tutorials. Start with the basics like setting up your own Core Data Stack all the way to advanced topics like migration, performance, multithreading, and more! By the end of this book, you'll have hands-on experience with Core Data and will be ready to use it in your own apps. Who This Book Is For: This book is for intermediate iOS developers who already know the basics of iOS and Swift development but want to learn how to use Core Data to save data in their apps. Topics Covered in Core Data by Tutorials: Your First Core Data App: You'll click File\New Project and write a Core Data app from scratch! NSManagedObject Subclasses: Learn how to create your own subclasses of NSManagedObject - the base data storage class in Core Data. The Core Data Stack: Learn how the main objects in Core Data work together, so you can move from the starter Xcode template to your own system. Intermediate Fetching: This chapter covers how to fetch data with Core Data - fetch requests, predicates, sorting and asynchronous fetching. NSFetchedResultsController: Learn how to make Core Data play nicely with table views using NSFetchedResultsController! Versioning and Migration: In this chapter, you'll learn how to migrate your user's data as they upgrade through different versions of your data model. Unit Tests: In this chapter, you'll learn how to set up a test environment for Core Data and see examples of how to test your models. Measuring and Boosting Performance: Learn how to measure your app's performance with various Xcode tools and deal with slow spots in your code. Multiple Managed Object Contexts: Learn how multiple managed object contexts can improve performance and make for cleaner code. Core Data and CloudKit: Learn how to synchronize Core Data across all of a user's devices.

**Learning Core Data for iOS with Swift** Apr 22 2022 Get Started Fast with Core Data App Development Using iOS 9, Swift, and Xcode 7 Core Data is a remarkably mature, stable, and fast platform for data access, and Swift is a world-class language for applying it. Now, there's a complete guide to using Core Data and Swift together in production apps. Tim Roadley shows you how to gain the benefits of a relational database without writing SQL queries, so you can get more done faster, with less coding. This book fully reflects Apple's latest iOS 9 platform innovations and teaches Core Data entirely with Swift examples. It guides you step-by-step through creating a modern data-driven iOS app that fully integrates iCloud via CloudKit for public data sharing. Roadley introduces up-to-date patterns and best practices designed to overcome the frustrations of Core Data development. Each chapter builds on the last, introducing new topics in the order you'll implement them and extending your skills simply and intuitively. Each chapter offers downloadable project code, along with exercises to help you explore even further, either as a self-learner or a student in an iOS development course. Roadley even shows how to build helper classes that simplify reuse of his example code. If you're an experienced iOS developer, here are all the Swift skills and resources you need to integrate data into any app—quickly, easily, and painlessly. Coverage includes Understanding what Core Data is and what it can (and can't) do Configuring basic managed object models, and choosing data types Expanding data models without introducing errors Using relationships and entity inheritance to unlock more power Delivering memory-efficient, high performance table views Enabling users to easily modify managed object attributes Generating persistent stores of preloaded default data Using Deep Copy to copy objects and relationships between persistent stores Optimizing performance by eliminating bottlenecks and offloading intensive tasks to the background Implementing efficient search Integrating diverse iCloud accounts and preferences Mastering advanced iCloud integration, including entity-level seeding and unique object de-dupe Leveraging public CloudKit databases to sync data across users with different iCloud accounts About the Website All code samples are available for download at [timroadley.com](http://timroadley.com). [informit.com/learningseries](http://informit.com/learningseries) [timroadley.com](http://timroadley.com)

**iOS 5 Programming Cookbook** Apr 29 2020 Provides information on using iOS 5 to create applications for the iPhone, iPad, and iPod Touch.

**Core Data iOS Essentials** May 11 2021 A fast-paced, example-driven guide to data-drive iPhone, iPad, and iPod Touch applications.

**iOS 10 Swift Programming Cookbook** Jan 27 2020 Completely rewritten in Swift and with more than 50 new recipes, this new edition presents dozens of solutions to common problems that face iOS developers. Thoroughly updated for the iOS 10 SDK, each recipe in the book starts with a problem and offers solutions with example code. You'll also get a comprehensive discussion on how to apply the solutions, including the tradeoffs involved. The recipes in the third edition provide solutions to problems faced by beginners, as well as intermediate and advanced iOS developers.

**Data-driven iOS Apps for iPad and iPhone with FileMaker Pro, Bento by FileMaker, and FileMaker Go** Oct 16 2021 Use FileMaker® technologies to create powerful mobile data apps for iPhone®, iPod® touch, and iPad™ Apple's FileMaker technologies make it easy to create powerful, data-driven apps for iPhone, iPod touch, iPad, and any mobile device's web browser. In this book, leading FileMaker and iOS expert Jesse Feiler teaches you all the skills and techniques you'll need, whether you're a developer, knowledge worker, or manager. Feiler thoroughly reviews each strategy for delivering mobile data using FileMaker Pro, FileMaker Server, FileMaker Go, and Bento. You'll learn how mobile data-driven apps are different from traditional desktop-driven apps, and how to create highly usable interfaces for them. Step by step, Feiler demonstrates how to extend existing databases to mobile devices and the web, and how to create and optimize brand-new databases for iPad and iPhone. This book brings together core principles, practical development techniques, and proven tips and shortcuts. You'll discover the best ways to incorporate printing, touch interface elements, and location-based features into your apps; integrate data from multiple FileMaker and non-FileMaker sources; and much more. • Use FileMaker Go apps to access FileMaker databases hosted on FileMaker Server or FileMaker Pro, or databases resident on a mobile device • Move FileMaker Pro databases, scripts, and layouts to mobile environments • Develop easy-to-use interfaces for mobile data apps • Design FileMaker Go solutions for iPhone, iPad, or both • Optimize FileMaker databases for FileMaker Go • Integrate printing and charting features into your mobile database apps • Use Bento to share data and

synchronize libraries • Work effectively with Bento records, fields, forms, and tables • Build location-aware database apps for iOS mobile devices • Import/export data from Bento, FileMaker, spreadsheets, and other sources • Move FileMaker databases to the web with IWP, CWP, and FileMaker Server Jesse Feiler is a developer, web designer, trainer, and author. He has worked with Apple mobile devices from Newton through iPad and has worked with FileMaker technologies since 1984. Feiler created ChamplainArts.com's powerful iPad meeting management app MinutesMachine. His books include Using FileMaker Bento, Sams Teach Yourself Drupal in 24 Hours, The Bento Book, and FileMaker Pro 10 in Depth. quepublishing.com northcountryconsulting.com

**Core Data by Tutorials** Dec 06 2020 Learn Core Data with Swift! Take control of your data in iOS apps using Core Data, through a series of high quality hands-on tutorials. Start with the basics like setting up your own Core Data Stack all the way to advanced topics like migration, performance, multithreading, and more! By the end of this book, you'll have hands-on experience with Core Data and will be ready to use it in your own apps. Who This Book Is For: This book is for intermediate iOS developers who already know the basics of iOS and Swift development but want to learn how to use Core Data to save data in their apps. Topics Covered in Core Data by Tutorials: Your First Core Data App: You'll click File\New Project and write a Core Data app from scratch! NSManagedObject Subclasses: Learn how to create your own subclasses of NSManagedObject - the base data storage class in Core Data. The Core Data Stack: Learn how the main objects in Core Data work together, so you can move from the starter Xcode template to your own system. Intermediate Fetching: This chapter covers how to fetch data with Core Data - fetch requests, predicates, sorting and asynchronous fetching. NSFetchedResultsController: Learn how to make Core Data play nicely with table views using NSFetchedResultsController! Versioning and Migration: In this chapter, you'll learn how to migrate your user's data as they upgrade through different versions of your data model. Unit Tests: In this chapter, you'll learn how to set up a test environment for Core Data and see examples of how to test your models. Measuring and Boosting Performance: Learn how to measure your app's performance with various Xcode tools and deal with slow spots in your code. Multiple Managed Object Contexts: Learn how multiple managed object contexts can improve performance and make for cleaner code.

*Core Data in Swift* Mar 21 2022 Core Data is intricate, powerful, and necessary. Discover the powerful capabilities integrated into Core Data, and how to use Core Data in your iOS and OS X projects. All examples are current for OS X El Capitan, iOS 9, and the latest release of Core Data. All the code is written in Swift, including numerous examples of how best to integrate Core Data with Apple's newest programming language. Core Data expert Marcus Zarra walks you through a fully developed application based around the Core Data APIs. You'll build on this application throughout the book, learning key Core Data elements such as NSPredicate, NSFetchedRequest, thread management, and memory management. Start with the basics of Core Data and learn how to use it to develop your application. Then delve deep into the API details. Explore how to get Core Data integrated into your application properly, and work with this flexible API to create convenience methods to improve your application's maintainability. Reduce your migration difficulties, integrate your Core Data app with iCloud and Watch Kit, and use Core Data in a queue-based environment. By the end of the book, you'll have built a full-featured application, gained a complete understanding of Core Data, and learned how to integrate your application into the iPhone/iPad platform. This book is based on Core Data in Objective-C, Third Edition. It focuses on Swift and adds an additional chapter on how to integrate Core Data with an efficient network implementation, with best practices on how to load and pre-load data into your Swift application. What You Need: Mac OS X El Capitan and iOS 9 and a basic working knowledge of Swift

Unleash Core Data Aug 22 2019 Create apps with rich capabilities to receive, process, and intelligently store data that work across multiple devices in the Apple ecosystem. This book will show you how to organize your app's data and make it work for you and your users! With many frameworks, there's a point in the learning curve where you stop fearing the mountain of knowledge to learn and just enjoy the power to play and develop. For some reason many developers feel that point seems harder to reach with Core Data. And that's unjustified—Core Data is a great framework that with powerful, optimized tools right out of the box. So it's time you stopped fearing the journey and took your steps further out into the world of enjoying the power of Core Data. With what you learn, you can build apps to deal with a large amount of data and complex relationships in intelligent and efficient ways. Core Data has many secrets underneath the hood that can power up your persistent store like never before. Tools such as Undo, objects deletion, migration, and more. Set up your store and your data model, handle objects with a multi-threading environment, write integration tests, and share your data with an Apple Watch app and iCloud. What You'll Learn Work with Core Data objects across apps and platforms Write integration tests with your persistent store Fetch, organize, write, and process data efficiently and intelligently Who This Book Is For Experienced iOS developers with Swift knowledge creating iOS apps that require saving complex data on the device other than a few numbers or text.

**Core Data** Sep 27 2022 Core Data is Apple's recommended way to persist data: it's easy to use, built-in, and integrated with iCloud. It's intricate, powerful, and necessary--and this book is your guide to harnessing its power. Learn fundamental Core Data principles such as thread and memory management, discover how to use Core Data in your iPhone, iPad, and OS X projects by using NSPredicate to filter data, and see how to add iCloud to your applications. Cocoa expert Marcus Zarra walks you through developing a full-featured application based around the Core Data APIs. You'll build up a single application throughout the book, learning key Core Data principles such as NSPredicate, thread management, and memory management. Geared toward intermediate to advanced developers, this book gets you comfortable with the basics of Core Data. Then you'll delve deep into the details of the API. You'll explore not only how to get Core Data integrated into your application properly, but even better, how to work with the API's flexibility to create convenience methods to improve your application's maintainability. Learn how to reduce your number of mapping models, integrate your Core Data app with Spotlight and Quick Look, connect your application with sync services, and find out how to use Core Data in a multithreaded environment. By the end of the book, you'll have built a full-featured application, gained a complete understanding of Core Data, and learned how to integrate your application into the iPhone/iPad platform. This second edition updates all examples for OS X Mountain Lion and iOS 6, gets you up to speed on changes in multithreading, and provides new chapters covering iCloud and NSFetchedResultsController. What You Need Mac OS X Mountain Lion and iOS 6. This book is for intermediate-level iOS developers.

**Practical Mobile Forensics** Jun 19 2019 Become well-versed with forensics for the Android, iOS, and Windows 10 mobile

platforms by learning essential techniques and exploring real-life scenarios Key Features Apply advanced forensic techniques to recover deleted data from mobile devices Retrieve and analyze data stored not only on mobile devices but also on the cloud and other connected mediums Use the power of mobile forensics on popular mobile platforms by exploring different tips, tricks, and techniques Book Description Mobile phone forensics is the science of retrieving data from a mobile phone under forensically sound conditions. This updated fourth edition of Practical Mobile Forensics delves into the concepts of mobile forensics and its importance in today's world. The book focuses on teaching you the latest forensic techniques to investigate mobile devices across various mobile platforms. You will learn forensic techniques for multiple OS versions, including iOS 11 to iOS 13, Android 8 to Android 10, and Windows 10. The book then takes you through the latest open source and commercial mobile forensic tools, enabling you to analyze and retrieve data effectively. From inspecting the device and retrieving data from the cloud, through to successfully documenting reports of your investigations, you'll explore new techniques while building on your practical knowledge. Toward the end, you will understand the reverse engineering of applications and ways to identify malware. Finally, the book guides you through parsing popular third-party applications, including Facebook and WhatsApp. By the end of this book, you will be proficient in various mobile forensic techniques to analyze and extract data from mobile devices with the help of open source solutions. What you will learn Discover new data extraction, data recovery, and reverse engineering techniques in mobile forensics Understand iOS, Windows, and Android security mechanisms Identify sensitive files on every mobile platform Extract data from iOS, Android, and Windows platforms Understand malware analysis, reverse engineering, and data analysis of mobile devices Explore various data recovery techniques on all three mobile platforms Who this book is for This book is for forensic examiners with basic experience in mobile forensics or open source solutions for mobile forensics. Computer security professionals, researchers or anyone looking to gain a deeper understanding of mobile internals will also find this book useful. Some understanding of digital forensic practices will be helpful to grasp the concepts covered in the book more effectively.

**Moving Data** May 23 2022 The iPhone has revolutionized not only how people communicate but also how we consume and produce culture. Combining traditional and social media with mobile connectivity, smartphones have redefined and expanded the dimensions of everyday life, allowing individuals to personalize media as they move and process constant flows of data. Today, millions of consumers love and live by their iPhones, but what are the implications of its special technology on society, media, and culture? Featuring an eclectic mix of original essays, Moving Data explores the iPhone as technological prototype, lifestyle gadget, and platform for media creativity. Media experts, cultural critics, and scholars consider the device's newness and usability—even its "lickability"—and its "biographical" story. The book illuminates patterns of consumption; the fate of solitude against smartphone ubiquity; the economy of the App Store and its perceived "crisis of choice"; and the distance between the accessibility of digital information and the protocols governing its use. Alternating between critical and conceptual analyses, essays link the design of participatory media to the iPhone's technological features and sharing routines, and they follow the extent to which the pleasures of gesture-based interfaces are redefining media use and sensory experience. They also consider how user-led innovations, collaborative mapping, and creative empowerment are understood and reconciled through changes in mobile surveillance, personal rights, and prescriptive social software. Presenting a range of perspectives and arguments, this book reorients the practice and study of media critique.

**SwiftUI Cookbook** Nov 05 2020 SwiftUI is an innovative new framework to build UI for all Apple platforms using Swift. This recipe-based guide covers the new features of SwiftUI 2 introduced on iOS14 and helps you migrate from UIKit with a simple learning curve through practical solutions. Learn how SwiftUI combines with Apple dev tools to build truly cross-platform Apple apps.

**Data Storage in iOS 11** Jan 19 2022 Learn how to store data in a device from an iOS application. After reading this guide, you will know how to store user's settings, how to create and manage files, and how to encode and decode content to store structured data on files. Table of Contents STORAGE User Preferences User Defaults Files File Manager URLs and Paths Files and Directories Files Attributes Files Content Bundle Archiving Encoding and Decoding Real-Life Application QUICK REFERENCE UserDefaults FileManager URL String Bundle NSKeyedArchiver NSKeyedUnarchiver PropertyListEncoder PropertyListDecoder This guide assumes that you have a basic knowledge of app development, Xcode, and the Swift language. You should also know how to create and display Table Views. If you don't know how to program in Swift, how to work with Table Views, or how to create an application with Xcode, download our guides Introduction to Swift, Table Views and Collection Views, and Interface Builder. For a complete course on app development for iOS, read our book iOS Apps for Masterminds. This guide is a collection of excerpts from the book iOS Apps for Masterminds. The information included in this guide will help you understand a particular aspect of app development in iOS, but it will not teach you everything you need to know to develop an app for Apple devices. If you need a complete course on app development for iOS, read our book iOS Apps for Masterminds. For more information, visit our website at [www.formasterminds.com](http://www.formasterminds.com).

**Knowledge of the Law in the Big Data Age** Nov 24 2019 The changes brought about by digital technology and the consequent explosion of information known as Big Data have brought opportunities and challenges in all areas of society, and the law is no exception. This book, Knowledge of the Law in the Big Data Age contains a selection of the papers presented at the conference 'Law via the Internet 2018', held in Florence, Italy, on 11-12 October 2018. This annual conference of the 'Free Access to Law Movement' (<http://www.fatlm.org>) hosted more than 60 international speakers from universities, government and research bodies as well as EU institutions. Topics covered range from free access to law and Big Data and data analytics in the legal domain, to policy issues concerning access, publishing and the dissemination of legal information, tools to support democratic participation and opportunities for digital democracy. The book is divided into 3 sections: Part I provides an introductory background, covering aspects such as the evolution of legal science and models for representing the law; Part II addresses the present and future of access to law and to various legal information sources; and Part III covers updates in projects, initiatives, and concrete achievements in the field. The book provides an overview of the practical implementation of legal information systems and the tools to manage this special kind of information, as well as some of the critical issues which must be faced, and will be of interest to all those working at the intersection of law and technology.

**iOS Cloud Development For Dummies** Feb 08 2021 Want to create robust, data-driven, iOS cloud apps? This book makes it

easier! Apple's mobile operating system (iOS) supports iPhones, iPads, iPods and other Apple devices, and while even beginners can now develop apps to run just on these devices themselves, sometimes you want to create an app with more heft. Applications such as live weather reports or multi-player games require a lot of data to be pulled from outside—often from cloud-based Web Services, such as Google or Amazon. This book, written by application development expert Neal Goldstein, shows you how to weave all of this together to create robust iOS apps. Developers will learn how to get, post, and modify data as well as how to create and deploy new, app-specific Web Services. The book includes numerous sample programs such as Xcode projects, sample server code used to create Web Services in the cloud, desktop client back-ends, and more. Takes new and seasoned developers beyond the creation of simple client-based iOS applications to create more sophisticated, data-driven, cloud-based mobile apps Explains how to access existing Web Services from native iOS applications and also how to create and deploy new, app-specific Web Services Includes sample programs such as Xcode projects with complete source code, and sample server code for creating cloud-based Web Services Offers valuable and hard-to-get information for new or veteran iOS developers, from small shops to enterprise iOS development Shows you how to use iCloud and Core data to enable apps running on different devices to share data Connecting your iOS app to the cloud just got easier, with iOS Cloud Development For Dummies. Note: Apple's iOS SDK tools are only accessible on Intel-powered Mac and MacBook devices.

**Core Data by Tutorials (Sixth Edition): Persisting iOS App Data with Core Data in Swift** Jan 07 2021 Learn Core Data with Swift! Take control of your data in iOS apps using Core Data, through a series of high quality hands-on tutorials. Start with the basics like setting up your own Core Data Stack all the way to advanced topics like syncing with iCloud, migration, performance, multithreading, and more! By the end of this book, you'll have hands-on experience with Core Data and will be ready to use it in your own apps. Who This Book Is For: This book is for intermediate iOS developers who already know the basics of iOS and Swift development but want to learn how to use Core Data to save data in their apps. Topics Covered in Core Data by Tutorials: Your First Core Data App: You'll click File\New Project and write a Core Data app from scratch! NSManagedObject Subclasses: Learn how to create your own subclasses of NSManagedObject - the base data storage class in Core Data. The Core Data Stack: Learn how the main objects in Core Data work together, so you can move from the starter Xcode template to your own system. Intermediate Fetching: This chapter covers how to fetch data with Core Data - fetch requests, predicates, sorting and asynchronous fetching. NSFetchedResultsController: Learn how to make Core Data play nicely with table views using NSFetchedResultsController! Versioning and Migration: In this chapter, you'll learn how to migrate your user's data as they upgrade through different versions of your data model. Synchronize with iCloud: Learn how to make your apps synchronize across devices, using the power of iCloud! Unit Tests: In this chapter, you'll learn how to set up a test environment for Core Data and see examples of how to test your models. Measuring and Boosting Performance: Learn how to measure your app's performance with various Xcode tools and deal with slow spots in your code. Multiple Managed Object Contexts: Learn how multiple managed object contexts can improve performance and make for cleaner code. The iOS Tutorial Team takes pride in making sure each tutorial we write holds to the highest standards of quality. We want our tutorials to be well written, easy to follow, and fun. And we don't want to just skim the surface of a subject - we want to really dig into it, so you can truly understand how it works and apply the knowledge directly in your own apps.

**iOS Swift Game Development Cookbook** Dec 26 2019 Ready to make amazing games for the iPhone and iPad? With Apple's Swift programming language, it's never been easier. This updated cookbook provides detailed recipes for managing a wide range of common iOS game-development issues, ranging from 2D and 3D math, SpriteKit, and OpenGL to augmented reality with ARKit. You get simple, direct solutions to common problems found in iOS game programming. Need to figure out how to give objects physical motion, or want a refresher on gaming-related math problems? This book provides sample projects and straightforward answers. All you need to get started is some familiarity with iOS development in Swift.

**Sams Teach Yourself Core Data for Mac and iOS in 24 Hours** Feb 26 2020 In just 24 sessions of one hour or less, start using Core Data to build powerful data-driven apps for iOS devices and Mac OS X computers! Using this book's straightforward, step-by-step approach, you'll discover how Apple's built-in data persistence framework can help you meet any data-related requirement, from casual to enterprise-class. Beginning with the absolute basics, you'll learn how to create data models, build interfaces, interact with users, work with data sources and table views. Every lesson builds on what you've already learned, giving you a rock-solid foundation for real-world success! Step-by-step instructions carefully walk you through the most common Core Data development tasks. Quizzes and Exercises at the end of each chapter help you test your knowledge. Notes present interesting information related to the discussion. Tips offer advice or show you easier ways to perform tasks. Cautions alert you to possible problems and give you advice on how to avoid them. Jesse Feiler is a leading expert on Apple database development. Feiler has worked with databases since the 1980s, writing about technologies that have since evolved into Core Data. His database clients have included Federal Reserve Bank of New York, Young & Rubicam, and many small and nonprofit organizations. His recent books include Data-Driven iOS Apps for iPad and iPhone with FileMaker Pro, Bento by FileMaker, and FileMaker Go; and FileMaker 12 in Depth. Learn how to... • Start writing database apps fast, with Xcode 4's powerful tools and templates • Master the Objective-C features and patterns Core Data relies upon • Understand Core Data's goals, components, and behavior • Model data graphically with Xcode 4's Data Model Editor • Leverage the full power of Managed Objects • Use controllers to integrate your data model with your code • Fetch, use, and store data from any source • Develop interfaces and features more quickly with Interface Builder • Add navigation and control features that integrate seamlessly with Core Data • Interact with users via popovers, segmented controls, action sheets, and tab bars • Create table views that users can edit • Let Xcode 4 and Core Data validate your data for you • Use predicates to precisely select the right data • Get ready for iCloud features to sync and move data among your iCloud-enabled devices Category: iOS/Mac Programming Covers: Core Data User Level: Beginning-to-Intermediate

**Build Location-Based Projects for iOS** Sep 22 2019 Coding is awesome. So is being outside. With location-based iOS apps, you can combine the two for an enhanced outdoor experience. Use Swift to create your own apps that use GPS data, read sensor data from your iPhone, draw on maps, automate with geofences, and store augmented reality world maps. You'll have a great time without even noticing that you're learning. And even better, each of the projects is designed to be

extended and eventually submitted to the App Store. Explore, share, and have fun. Location-based apps are everywhere. From mapping our jogging path to pointing us to the nearest collectible creature in a location-based game, these apps offer useful and interesting features and information related to where you are. Using real-world maps and places as the environment, they add an extra layer of adventure to exploring the outdoors. If you've ever wanted to make your own location-based apps and games, you can learn how with four simple, Swift-based projects that are easy to code and fun to use. Build four stunning apps that sense the iPhone's surroundings. Use Core Location and MapKit to draw GPS data on maps and share the results to social media. Use the sensor data from the iPhone and draw acceleration graphs using Core Graphics while on a playground swing. Build an app that measures the time you spend outside using geofences. Combine Core Location and ARKit to build an augmented reality scavenger hunt app that you can use and play with other people. Have great time building creative apps you cannot wait to try out.

**Pro Core Data for iOS, Second Edition** Jul 25 2022 Fully updated for Xcode 4.2, Pro Core Data for iOS explains how to use the Core Data framework for iOS SDK 5 using Xcode 4.2. The book explains both how and why to use Core Data, from simple to advanced techniques. Covering common and advanced persistence patterns, this book prepares any iOS developer to store and retrieve data accurately and efficiently. This book starts by giving you a solid grounding in Core Data, providing a foundation for the rest of the book. With this knowledge, you'll have all you need to master Core Data and power your data-driven applications. You'll see how to work with SQLite and how to create an efficient data model to represent your data. Once you've established your data model, you'll learn how to work with data objects and refine result sets to get the most out of the stored data. The advanced portions of the book begin by showing you how to tune your apps' performance and memory usage, to give you a truly professional edge. You'll see how to version and migrate your data as well, to ensure your data stays organized and efficient. Finally, the book covers managing table views with `NSFetchedResultsController`.

*Learning iCloud Data Management* Dec 18 2021 "A great read for iOS developers who want to learn if iCloud is right for their app and dive right in with lots of practical code examples." —Jon Bell, UXLaunchpad.com Get Hands-On Mastery of iCloud Data Management for iOS 7 and OS X Mavericks As apps rapidly move into business and the cloud, iOS and OS X developers need new data management techniques. In *Learning iCloud Data Management*, renowned Apple database expert Jesse Feiler shows you how to use Apple's latest APIs and technologies to structure and synchronize all forms of data. Feiler helps you understand the issues, implement efficient solutions, and deliver highly usable apps that seamlessly synchronize during the "Round Trip" between iOS and OS X and back again. This guide walks you through integrating several key Apple data management technologies, including the Address Book and Calendar APIs. Feiler shows you how to structure data so it's easy to build great Cocoa and Cocoa Touch user interfaces and to quickly incorporate reliable iCloud syncing. Step by step, you'll discover how to blend Apple's standard application data structures with your own user data to create a feature-rich and fully syncable environment. Coverage includes Understanding iCloud from the developer's and user's point of view Accessing synchronized user calendars and contacts Integrating Reminders into your apps Playing by iCloud's user privacy rules Applying consistent iOS Settings and OS X Preferences across user devices Managing persistent storage with Core Data Using Xcode Project Workspaces for shared development Adding data to app bundles and resources Integrating iCloud infrastructure, file wrappers, documents, and data Completing the "Round Trip" between both iOS and OS X

**Pro Core Data for iOS** Sep 15 2021 The power of Core Data allows iOS developers to efficiently store and retrieve application data using familiar object-oriented paradigms. Pro Core Data for iOS explains both how and why to use Core Data for data storage, from simple to advanced techniques. Covering common and advanced persistence patterns, this book prepares any iOS developer to store and retrieve data accurately and proficiently. Lots of iOS development books touch on Core Data, taking you through a few mainstream use cases for storing and retrieving data in your iOS applications. In Pro Core Data for iOS, however, we take you further into Core Data and show you how to leverage the power of this data framework. After reading this book, you'll be able to answer all of these questions: What are all the parts of Core Data, and how do they interact? How do I create my own custom store? Should I use plain `NSManagedObject` instances or custom classes? How do I undo and redo Core Data actions? How do I filter, sort, and aggregate data? What is "faulting," and why should I care? Suppose I want to change my data model; how do I migrate my users' data? Pro Core Data for iOS delves into these and other Core Data questions. With explanations, diagrams, code samples, and working explanations, this book will make you a Core Data pro!

**Sams Teach Yourself Core Data for Mac and iOS in 24 Hours** Mar 09 2021 In just 24 sessions of one hour or less, start using Core Data to build powerful data-driven apps for iOS devices and Mac OS X computers! Using this book's straightforward, step-by-step approach, you'll discover how Apple's built-in data persistence framework can help you meet any data-related requirement, from casual to enterprise-class. Beginning with the absolute basics, you'll learn how to create data models, build interfaces, interact with users, work with data sources and table views, and even get started with iCloud. Every lesson builds on what you've already learned, giving you a rock-solid foundation for real-world success! Step-by-step instructions carefully walk you through the most common Core Data development tasks. Quizzes and Exercises at the end of each chapter help you test your knowledge. Notes present interesting information related to the discussion. Tips offer advice or show you easier ways to perform tasks. Cautions alert you to possible problems and give you advice on how to avoid them. Learn how to... Start writing database apps fast, with Xcode 4's powerful tools and templates Master the Objective-C features and patterns Core Data relies upon Understand Core Data's goals, components, and behavior Model data graphically with Xcode 4's Data Model Editor Leverage the full power of Managed Objects Use controllers to integrate your data model with your code Fetch, use, and store data from any source Develop interfaces and features more quickly with Interface Builder Add navigation and control features that integrate seamlessly with Core Data Interact with users via popovers, segmented controls, action sheets, and tab bars Create table views that users can edit Let Xcode 4 and Core Data validate your data for you Use Predicates to precisely select the right data Get ready for iCloud features to sync and move data among your iCloud-enabled devices Jesse Feiler is a leading expert on Apple database development. Feiler has worked with databases since the 1980s, writing about technologies that have since evolved into Core Data. His database clients have included Federal Reserve Bank of New York, Young & Rubicam, and many small and nonprofit organizations. His recent books include Data-Driven iOS Apps for iPad and iPhone with FileMaker Pro, Bento by FileMaker, and

FileMaker Go, and FileMaker Pro in Depth. Category: Mac Programming Covers: Core Data User Level: Beginning-to-Intermediate Register your book at [informit.com/title/9780672335778](http://informit.com/title/9780672335778) for access to all code examples from the book, as well as updates, and corrections as they become available.

**Learning Core Data for iOS** Aug 26 2022 Get Started Fast with iOS 7 Core Data App Development Covers iOS 7 and Xcode 5 This is the first Core Data book to fully reflect Apple's latest platform innovations, including its dramatic recent improvements to iCloud support. Hands-on from start to finish, it teaches you step-by-step as you create a modern data-driven iOS app using Storyboards, ARC, iOS 7, and Xcode 5. Tim Roadley introduces new patterns and best practices designed to overcome the frustrations of Core Data development. One step at a time, you'll build and extend your skills—even mastering advanced techniques such as complex model migration, deep copy, background processing, and integration with Dropbox, StackMob, and iCloud. Downloadable versions of this book's main project are provided with each chapter, so you can see exactly what your app project should look like—and get cookbook-style code for your own projects. Chapter exercises help you explore even further, whether you're a self-learner or a student in an iOS development course. If you're an experienced iOS developer, this guide brings together all the skills, tools, code, and patterns you need to add powerful data management capabilities to any app—quickly, easily, and painlessly. Coverage includes the following: Understanding Core Data Adding Core Data to an existing project Designing, upgrading, and migrating data models (automatically and manually with progress indication) Populating views with data, including table-views and picker-views Preloading a “default data” persistent store from XML Deep-copying from one persistent store to another Performance tuning with Instruments, using large photos as the example Background processing, using thumbnail generation as the example Efficient search Seamlessly backing up and restoring with Dropbox Stable integration with iCloud—with full support for multiple accounts, seeding, and de-duplication Web service integration with StackMob

**Professional iOS Database Application Programming** May 31 2020 Updated and revised coverage that includes the latest versions of iOS and Xcode Whether you're a novice or experienced developer, you will want to dive into this updated resource on database application programming for the iPhone and iPad. Packed with more than 50 percent new and revised material - including completely rebuilt code, screenshots, and full coverage of new features pertaining to database programming and enterprise integration in iOS 6 - this must-have book intends to continue the precedent set by the previous edition by helping thousands of developers master database application programming. Shows you how to store data using SQLite, model and manage data using Core Data, and integrate with Web Services Explains how to take advantage of the built-in capabilities of the iPhone and iPad Details techniques for integrating iOS applications into enterprise class systems Encourages you to take advantage of multi-core processors, store data in the cloud, and use storyboards to develop the UI for your app By the end of the book, you will be able to confidently implement a data driven application for the iPhone and iPad and integrate an iOS application within an existing enterprise system.

**Developing iOS Core Data Apps** Mar 29 2020 If you intend to build a data-intensive iOS app, you first have to tackle Apple's Core Data—a notoriously difficult framework to learn. This practical guide shows you how create an effective data model with Core Data through best practices and specific code examples. Learning how to solve persistence and Object-Relational Mapping with this unique framework will help you build a top-performing iOS app. Master Core Data's method for building an effective data model Learn how to handle concurrent and remote data Find out how to use XCode's built in support for Core Data Optimize your use of this framework with iCloud

**Build iOS Database Apps with Swift and SQLite** Sep 03 2020 This book leads you through the essential concepts and new iOS 10 SDK and Swift 3 programming language APIs to build iPhone and iPad database driven applications using the defacto standard for data storage for mobile apps, SQLite. Readers will learn about SQL operations like selecting, inserting, updating and deleting data using various data types like text, numerical types, images and even audio/video data. After working through this book, you will gain an expert view of developing iOS apps using SQLite as a data storage using Objective-C and Swift. With Build iOS Database Apps with Swift and SQLite you will also gain expert knowledge on how to create databases at runtime, including creating or modifying indexes, triggers, tables, columns, and views. The examples use time-tested code from working applications. What You'll Learn: How to create database and database applications using iOS and Swift How to insert, select, edit, and delete records How to extend SQLite How to work with multi-database apps How to use SQLite with Swift How to backup online SQLite Databases and more Who This Book Is For: Experienced Apple iOS, Swift programmers and developers.

**Core Data in iOS 11** Feb 20 2022 Learn how to use Core Data to create and manage a database for your iOS applications. After reading this guide, you will know how to create a database, how to store, search, and retrieve information, and how to migrate data from an old database to a new one. Table of Contents CORE DATA Object Graph Data Model Core Data Stack Managed Object Managing Objects Counting Objects Predicates Sort Descriptors Delete Objects Fetched Results Controller Sections Search Migration QUICK REFERENCE NSPersistentContainer NSManagedObjectContext NSManagedObjectContext NSFetchedResultsController NSFetchedResultsControllerDelegate NSFetchedResultsControllerInfo This guide assumes that you have a basic knowledge of app development, Xcode, and the Swift language. You should also know how to create and display Table Views. If you don't know how to program in Swift, how to work with Table Views, or how to create an application with Xcode, download our guides Introduction to Swift, Table Views and Collection Views, and Interface Builder. For a complete course on app development for iOS, read our book iOS Apps for Masterminds. This guide is a collection of excerpts from the book iOS Apps for Masterminds. The information included in this guide will help you understand a particular aspect of app development in iOS, but it will not teach you everything you need to know to develop an app for Apple devices. If you need a complete course on app development for iOS, read our book iOS Apps for Masterminds. For more information, visit our website at [www.formasterminds.com](http://www.formasterminds.com).

**iOS Apprentice (Eighth Edition): Beginning iOS Development with Swift and UIKit** Jul 21 2019 Learn iPhone and iPad Programming via Tutorials! If you're new to iOS or Swift, or to programming in general, learning how to write an app can seem incredibly overwhelming. That's why you need a book that: Shows you how to write an app step-by-step. Has tons of illustrations and screenshots to make everything clear. Is written in a fun and easygoing manner! In this book, you will learn how to make your own iPhone and iPad apps, through four engaging, epic-length tutorials. These hands-on tutorials describe in full detail how to build a new app from scratch. Five tutorials, five apps. Each new app will be a little more

advanced than the one before, and together they cover everything you need to know to make your own apps. By the end of the series you'll be experienced enough to turn your ideas into real apps that you can sell on the App Store.

**Pro Core Data for iOS, Second Edition** Aug 14 2021 Fully updated for Xcode 4.2, Pro Core Data for iOS explains how to use the Core Data framework for iOS SDK 5 using Xcode 4.2. The book explains both how and why to use Core Data, from simple to advanced techniques. Covering common and advanced persistence patterns, this book prepares any iOS developer to store and retrieve data accurately and efficiently. This book starts by giving you a solid grounding in Core Data, providing a foundation for the rest of the book. With this knowledge, you'll have all you need to master Core Data and power your data-driven applications. You'll see how to work with SQLite and how to create an efficient data model to represent your data. Once you've established your data model, you'll learn how to work with data objects and refine result sets to get the most out of the stored data. The advanced portions of the book begin by showing you how to tune your apps' performance and memory usage, to give you a truly professional edge. You'll see how to version and migrate your data as well, to ensure your data stays organized and efficient. Finally, the book covers managing table views with NSFetchedResultsController.

*learning-core-data-for-ios-a-hands-on-guide-to-building-core-data-applications*

Online Library [artbookarchive.com](http://artbookarchive.com) on November 29, 2022 Free  
Download Pdf