1.	Record Nr.	UNINA9910300462503321
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	Titolo	Pro iOS Persistence : Using Core Data / / by Michael Privat, Robert Warner
	Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2014
	ISBN	1-4302-6029-7
	Edizione	[1st ed. 2014.]
	Descrizione fisica	1 online resource (376 p.)
	Disciplina	004.167
	Soggetti	Apple computer
		Application software
		Apple and iOS
		Computer Applications
		Computer Appl. in Administrative Data Processing
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes index.
		"Includes iOs 8 SDK"--Cover.
	Nota di contenuto	Contents at a Glance; Contents; About the Authors; About the Technical Reviewers; Acknowledgments; Introduction; Chapter 1: Touring Core Data; What Is Core Data?; Core Data Components; Creating a New Core Data Project; Creating the Project; Touring the Core Data Components; Initializing the Core Data Components; Creating a Managed Object Model; Adding Some Objects; Viewing the Data; Adding Core Data to an Existing Project; Creating a Core Data-less Application; Adding the Core Data Framework; Adding a Managed Object Model; Adding and Initializing the Core Data Stack; Creating the Object Model
		Adding Objects to PersistenceAppWrapping Up; Chapter 2: Building Data Models; Designing Your Database; Relational Database Normalization; Building a Simple Model; Entities; Attribues; Key-Value Coding; Generating Classes; Relationships; Relationship Properties; Delete Rule; Ordered Properties; Storing and Retrieving Data; Inserting New Managed Objects; Retrieving Managed Objects; Predicates; Fetched Properties; Notifications; Notification upon Creation; Notification upon Fetch; Notification upon Change; Registering an Observer; Receiving the Notifications; Conclusion

Sommario/riassunto	Pro iOS Persistence explains how to build apps in Objective-C and Swift that persist and use data most effectively including the popular Core Data framework. 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.