



Mobile Engineering

Core Data



"Core Data is a framework that you use to manage the model layer objects in your application. It provides generalized and automated solutions to common tasks associated with object life cycle and object graph management, including persistence."

Apple Core Data



"Core Data is a framework allows you to save and retrieve your data model and your object graph"

Apple Core Data



5 Key Concepts



Data Model

Persistent Store

Persistent Store Coordinator

Managed Objects Context

Fetch Request



Core Data Model

The Core Data Model file (xcdatamodel)

Organizes your properties and standardizes how thy relate to each other

yourdatamodel.xcdatamodel Phil Wright Mobile Instructor



Core Data Model

⊞ 〈	SimpleCo	oreData > 🗎 SimpleCo	reData.xcdatamodek	d > 🔓 SimpleCoreData.xcdatamode	al) 🔣 Event	
ENTITIES	▼ Attributes					
E Event FETCH REQUESTS		Attribute .	Type			
		D timeStamp	Date	0		
CONFIGURATIONS						
@ Default		-				
		+ -				
	♥ Relatio	onships				
		Relationship 🖍	Destination	Inverse		
		+ -				
	▼ Fetched Properties					
		Fetched Property	Pre	dicate		
		+ -				
□ □ □ .					€.	# ::
Outline Style Add Entity					Add Attribute	Editor Style

Entities

Similar to the properties you have created so far...

examples

name: String

age: Integer 16

yourdatamodel.xcdatamodel Phil Wright Mobile Instructor



Core Data

