

IOS development using Swift

Class 11

Data Persistence using Core-Data



What is Data Persistence?

Why do we need it?

What are the options for data persistence on iOS?

What are the options for data persistence on iOS?

Core-data

SQLite

Object archiving and NSUserDefaults

Core-Data

The Core-Data Classes

NSManagedObject

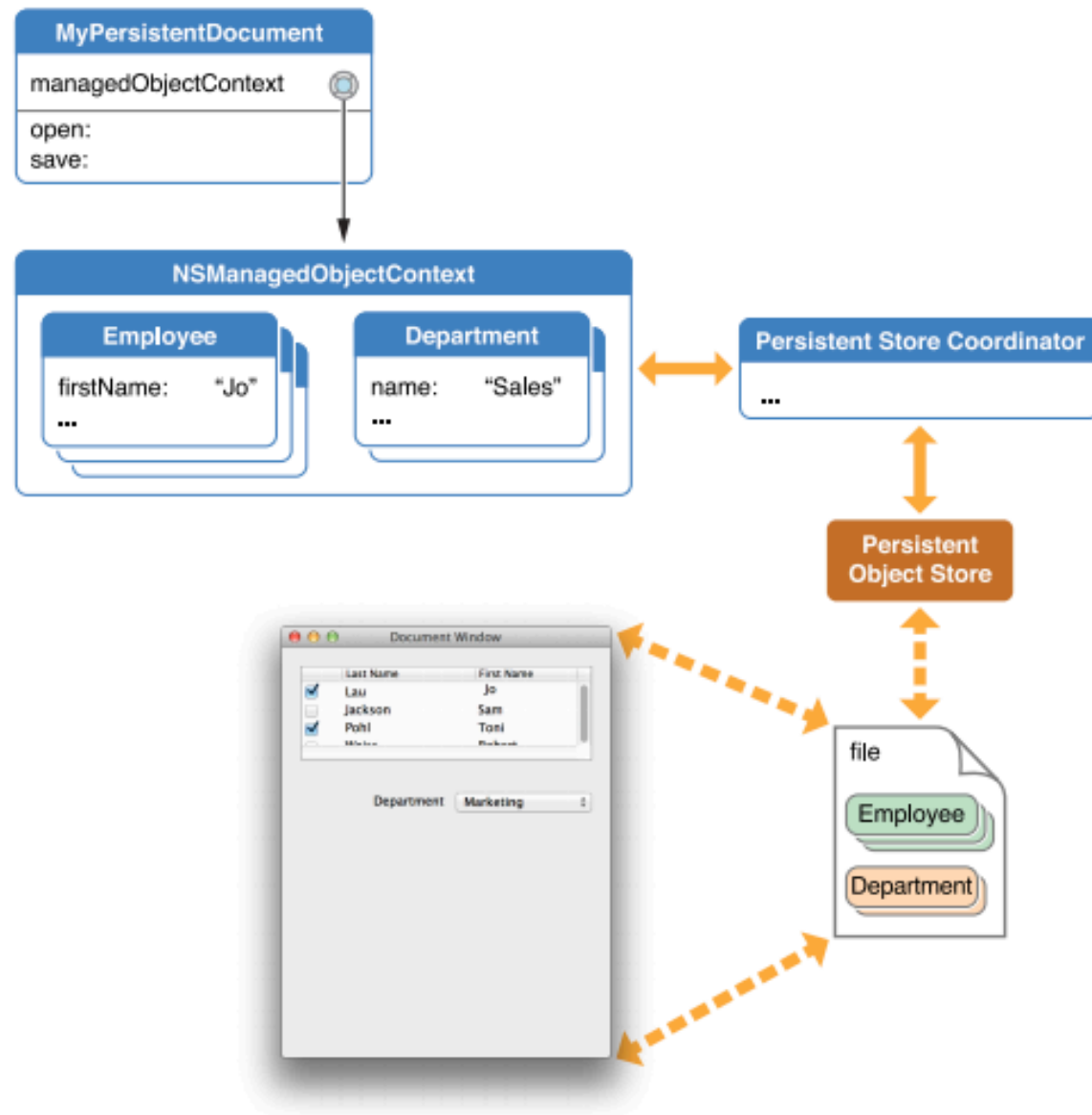
NSManagedObjectContext

NSManagedObjectModel

NSFetchRequest

NSPersistentStoreCoordinator

NSPredicate



Today's sample

An app that demonstrates
CRUD

C=Create

R=Read

U=Update

D=Delete

Reference

Apple's Core-Data Programming Guide

<https://developer.apple.com/library/mac/documentation/Cocoa/Conceptual/CoreData/CoreData.pdf>

Assignment

Use NSPredicate to add a search feature to the app