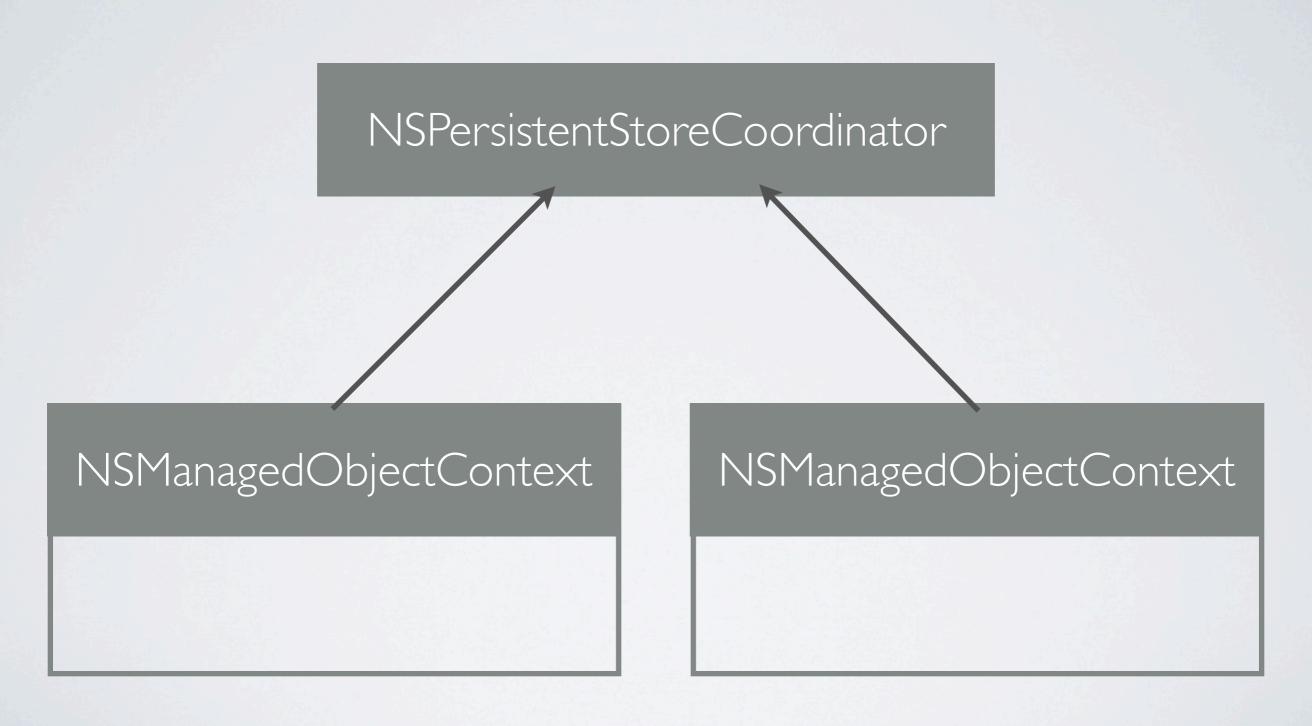
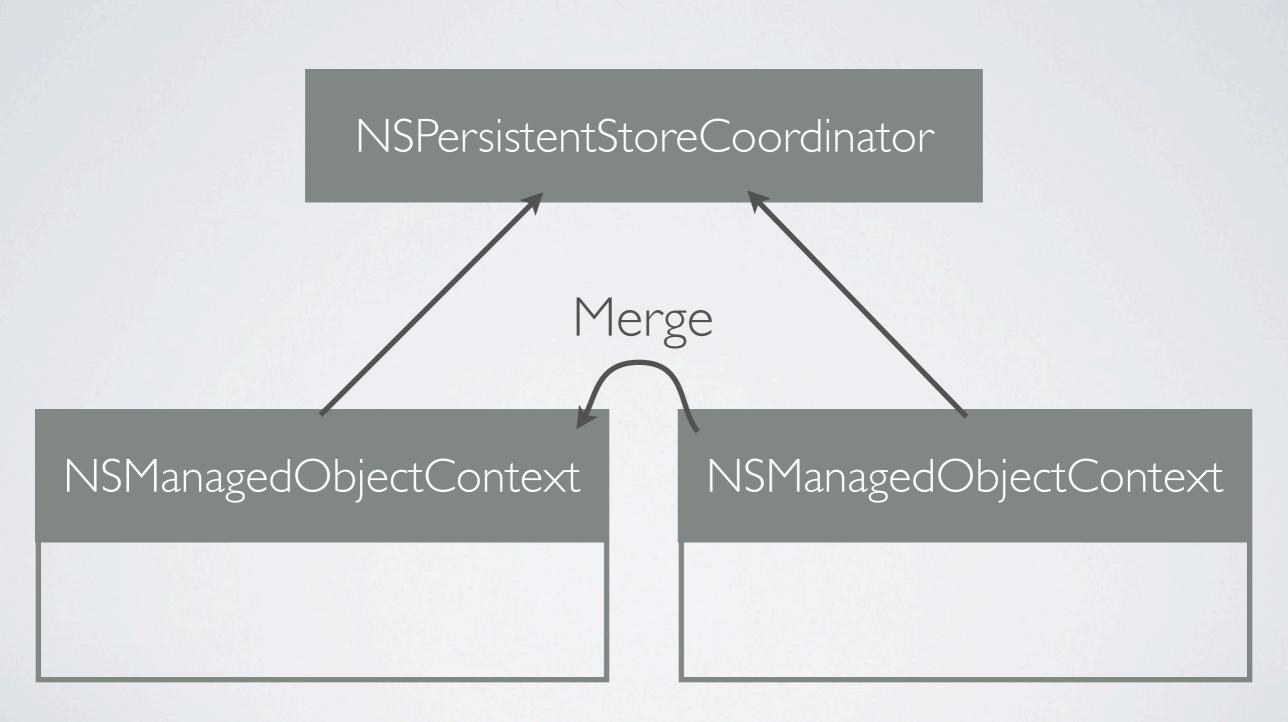
A few tips for threading with Core Data on iOS 5

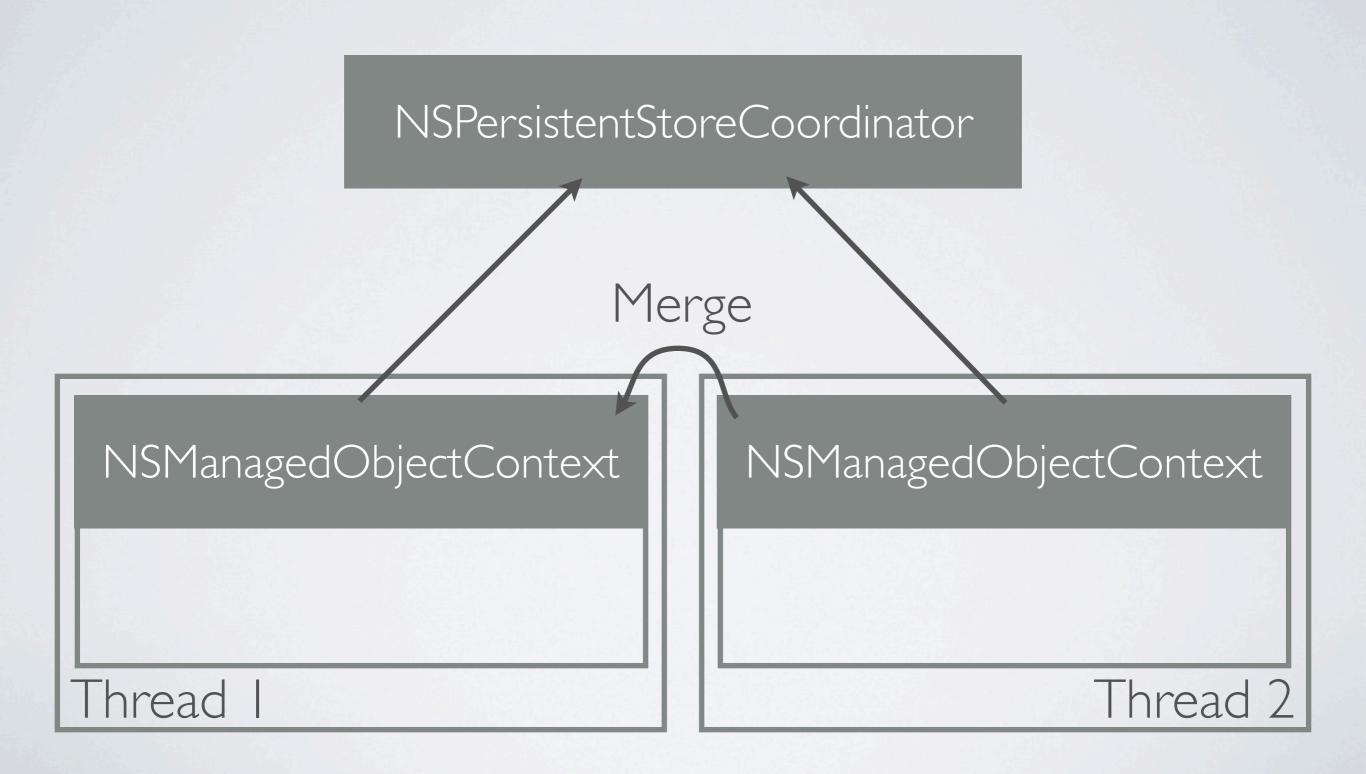
Daniel Tull

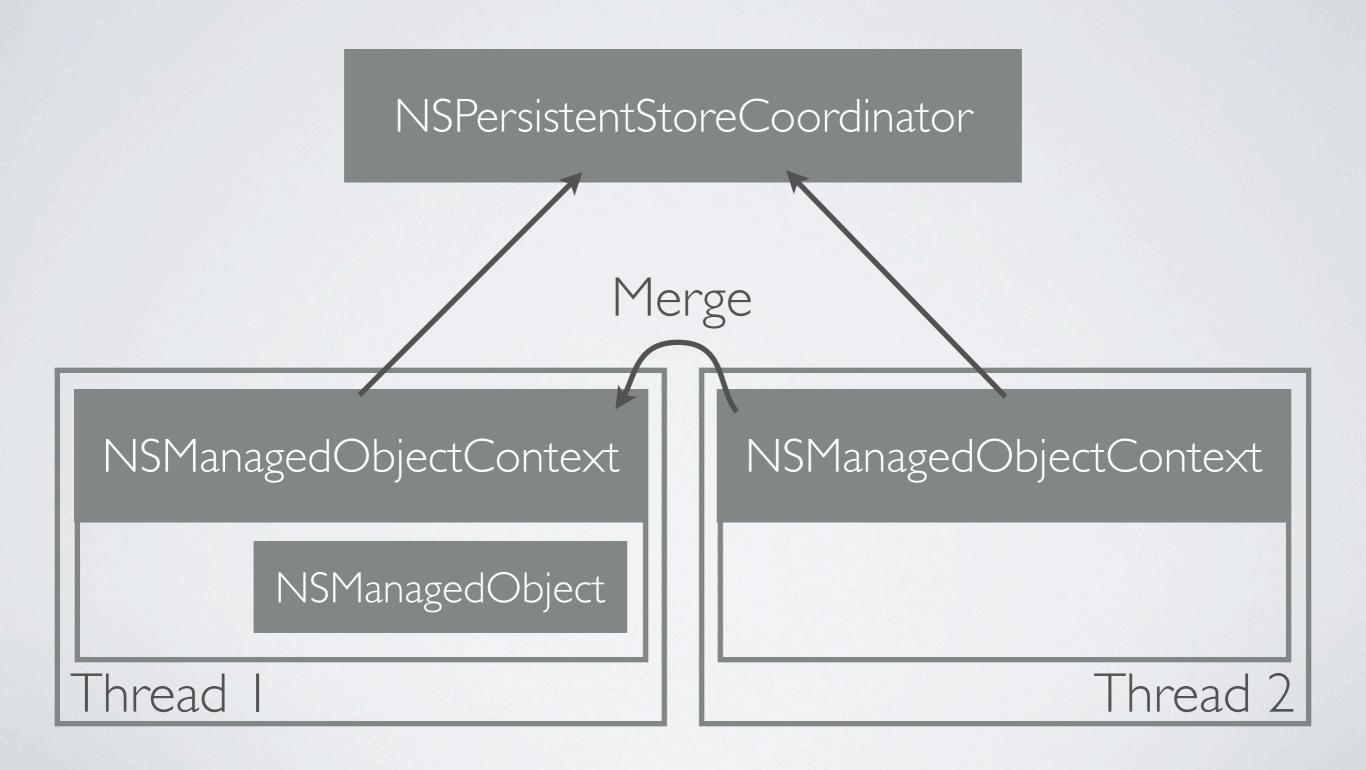
NSPersistentStoreCoordinator

NSManagedObjectContext









NSPersistentStoreCoordinator

NSManagedObjectContext

NSPersistentStoreCoordinator

NSManagedObjectContext

parentContext

NSManagedObjectContext

NSPersistentStoreCoordinator NSManagedObjectContext parentContext NSManagedObjectContext

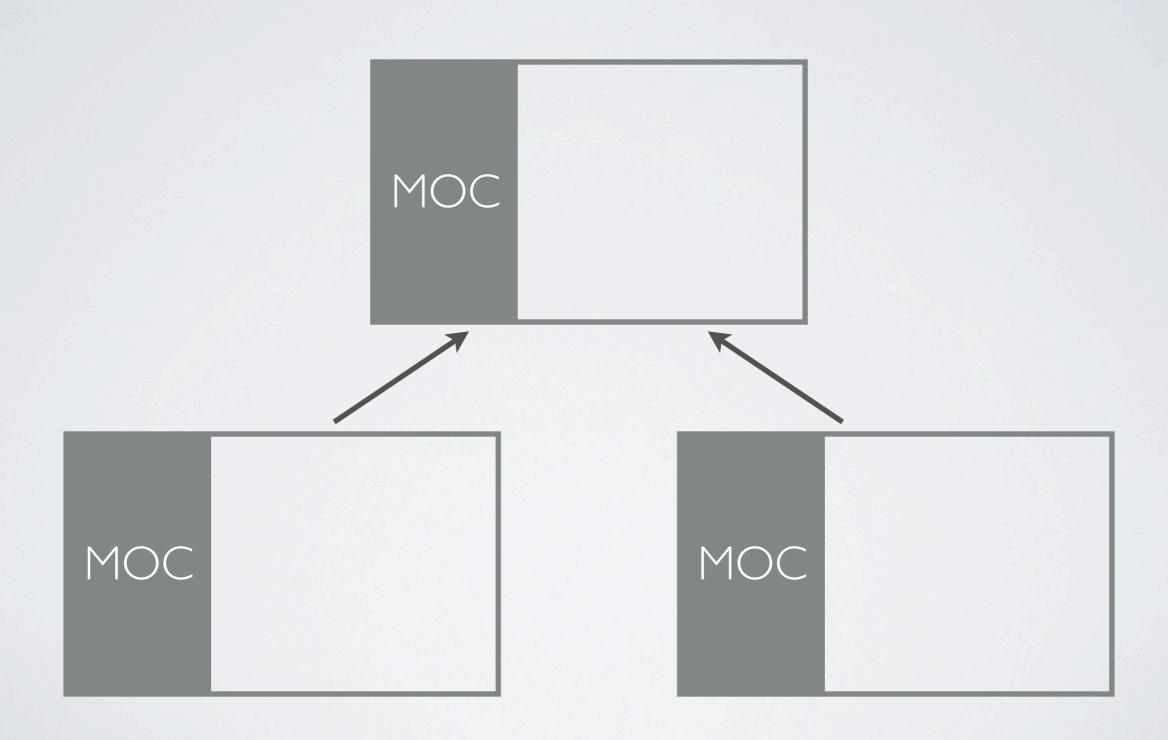
NSPersistentStoreCoordinator NSManagedObjectContext NSManagedObject parentContext NSManagedObjectContext

Saving pushes the contents of the context up *one* level

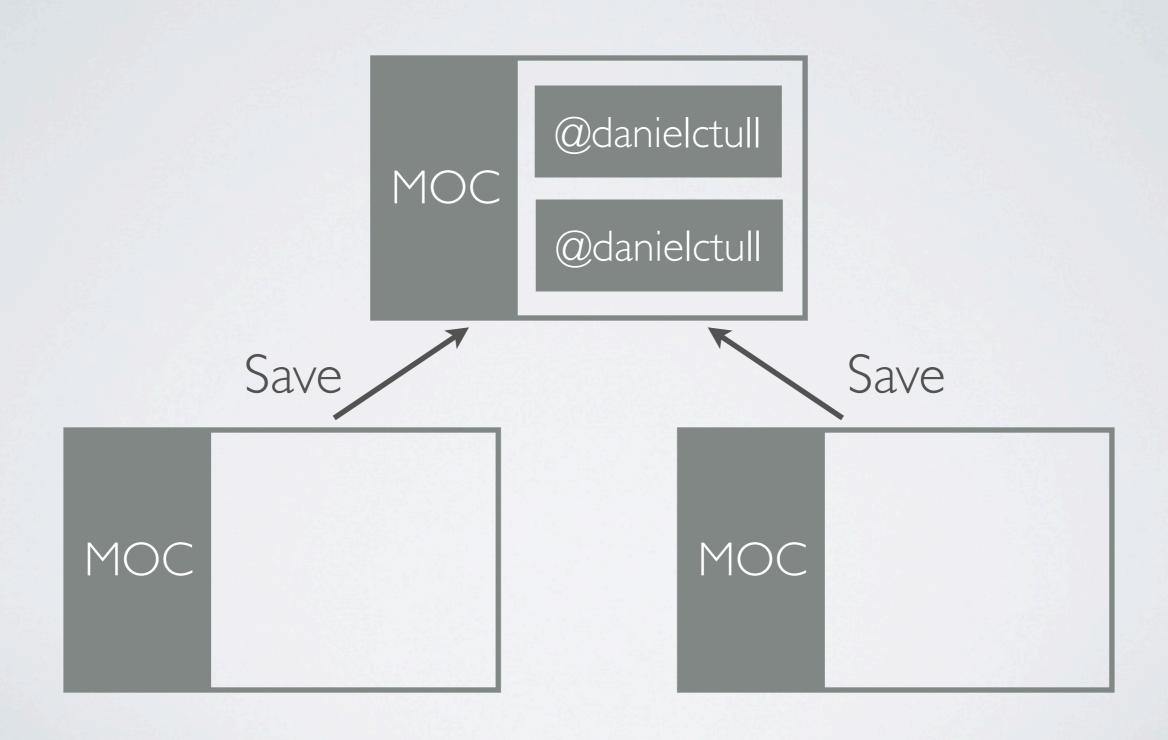
Still only one thread per managed object context

Made easier with internal threads (performBlock:)

Use one context for importing



Use one context for importing



NSPersistentStoreCoordinator

MainQueue

MOC

@danielctull

NSPersistentStoreCoordinator

Save

MainQueue

MOC

NSPersistentStoreCoordinator

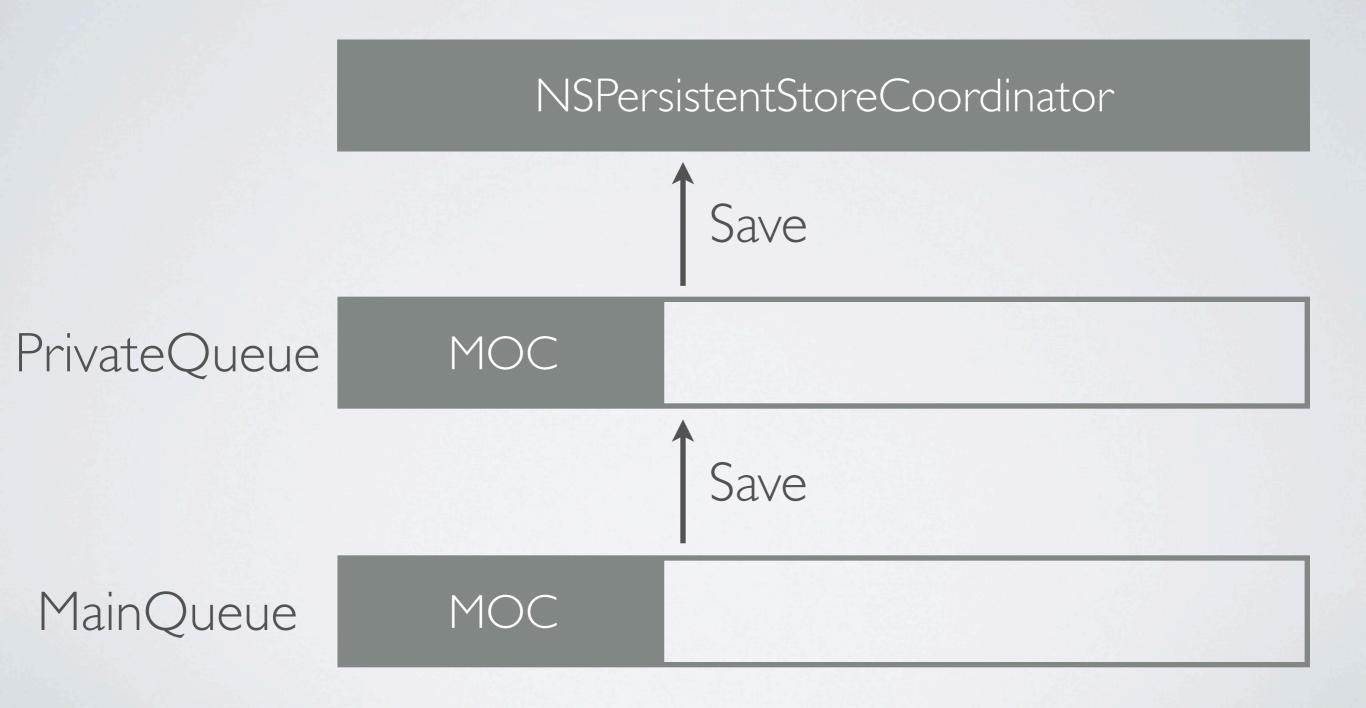
PrivateQueue

MOC

MainQueue

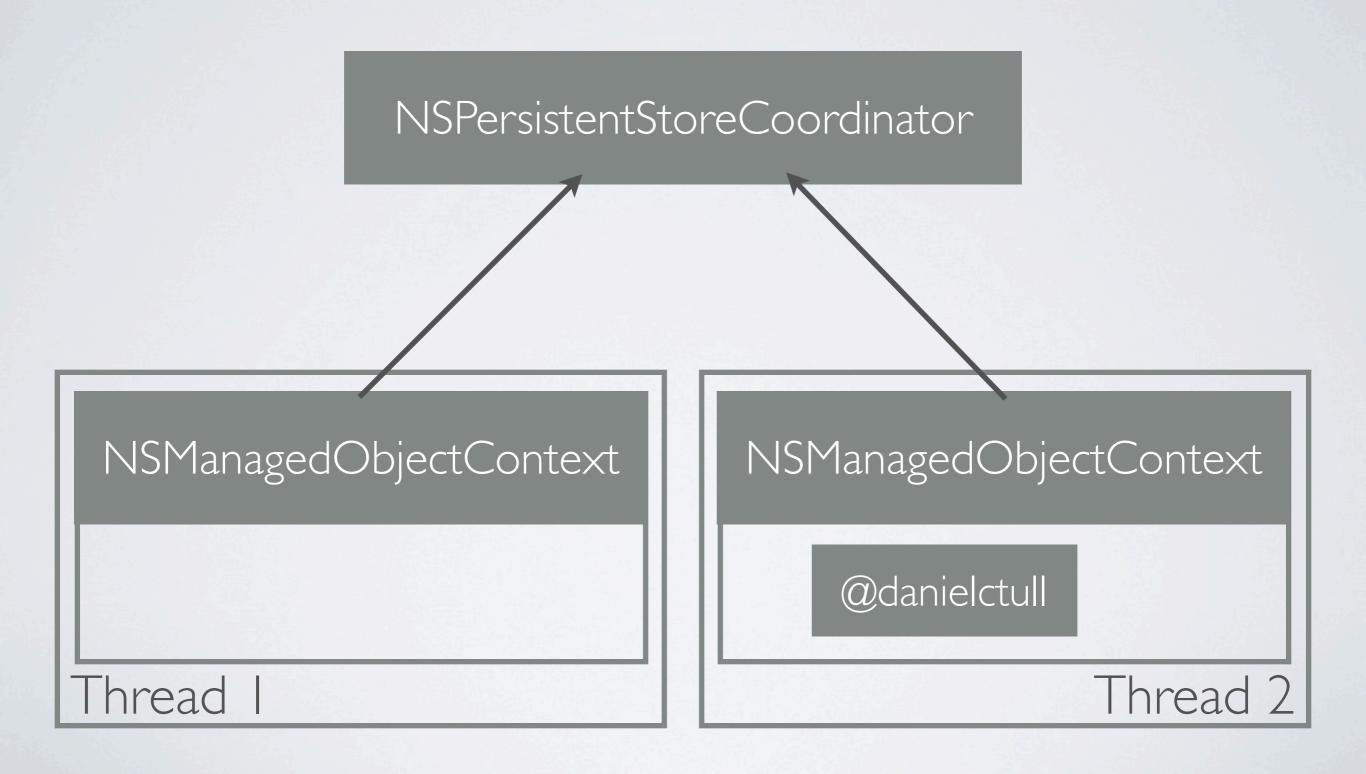
MOC

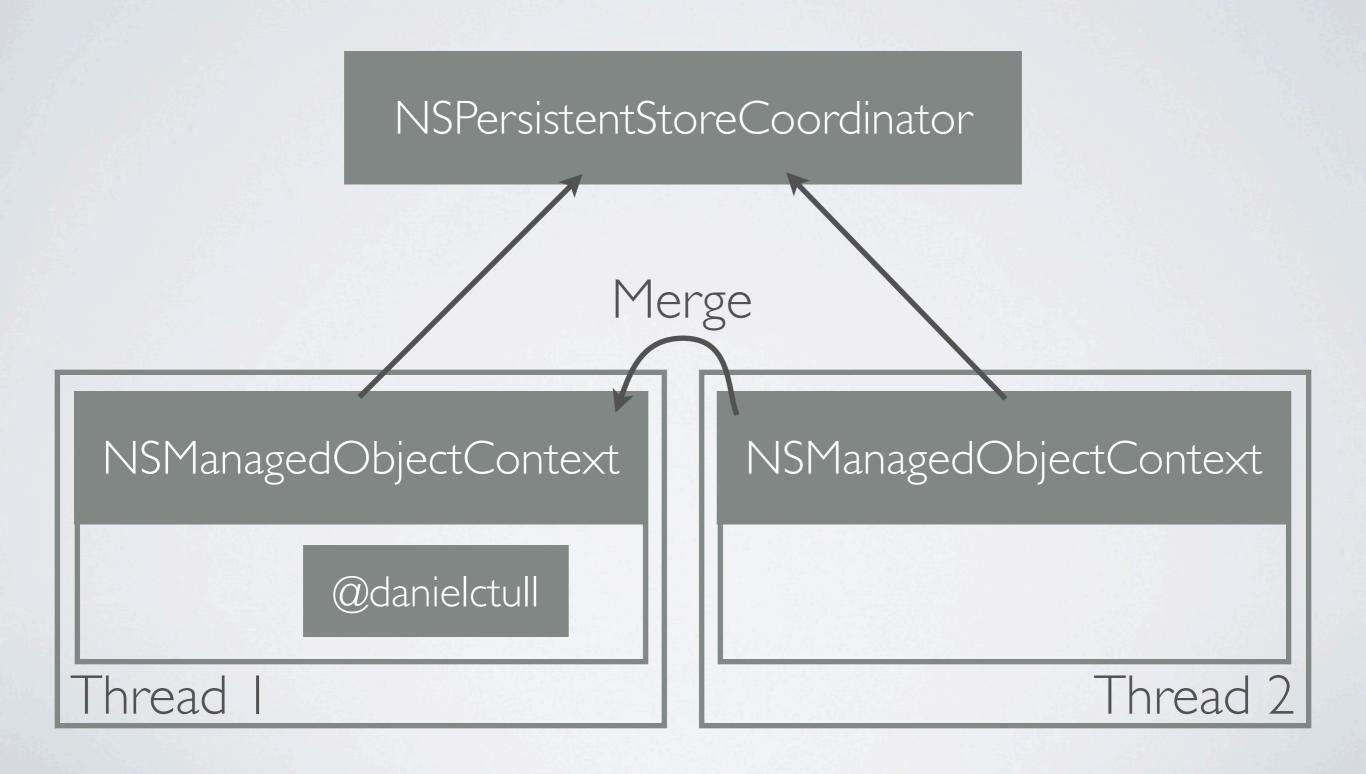
@danielctull



Certain requests use object ID to equate managed objects

If this is temporary, the request won't work





NSPersistentStoreCoordinator

MOC

MOC

@danielctull

NSPersistentStoreCoordinator

MOC @danielctull

Save

MOC

Object IDs aren't permanent until objects are saved to disk

or:

-obtainPermanentIDsForObjects:error:

Daniel Tull

@danielctull