Overview of Example App and CoreDataSafe

CoreDataSafe class

Example App

BackgroundDaemon

Daemon Control

▶ operationQueue

TableView

randomOperation1
randomOperation2
...
randomOperationN

*1 Add, Update, or Delete

Temporary single use,
background processing

▶ backgroundMOC
backgroundMOC

...

*2

mainMOC

mainMOC: Source of
Truth, main thread

TableViewDataSource

*3

NSFetchedResultsController

privateMOC
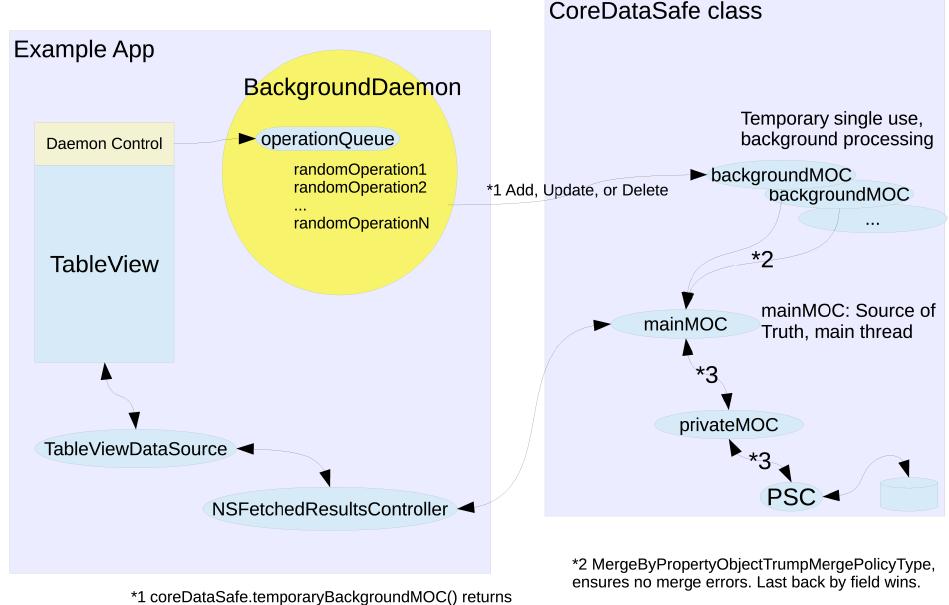
*3

PSC

*1 coreDataSafe.temporaryBackgroundMOC() returns
background MOC for use in background operation.
Those are randomly chosen between: Add, Update,
and Delete operations on a randomly selected Book.

*2 MergeByPropertyObjectTrumpMergePolicyType,
ensures no merge errors. Last back by field wins.

*3 Saves from backgroundMOCs and mainMOC are
coded to propagate data updates all the way to PSC