Core Data Fundamentals

Using NSFetchedResultsController

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Introduction

What is an NSFetchedResultsController?

Connecting to UITableView

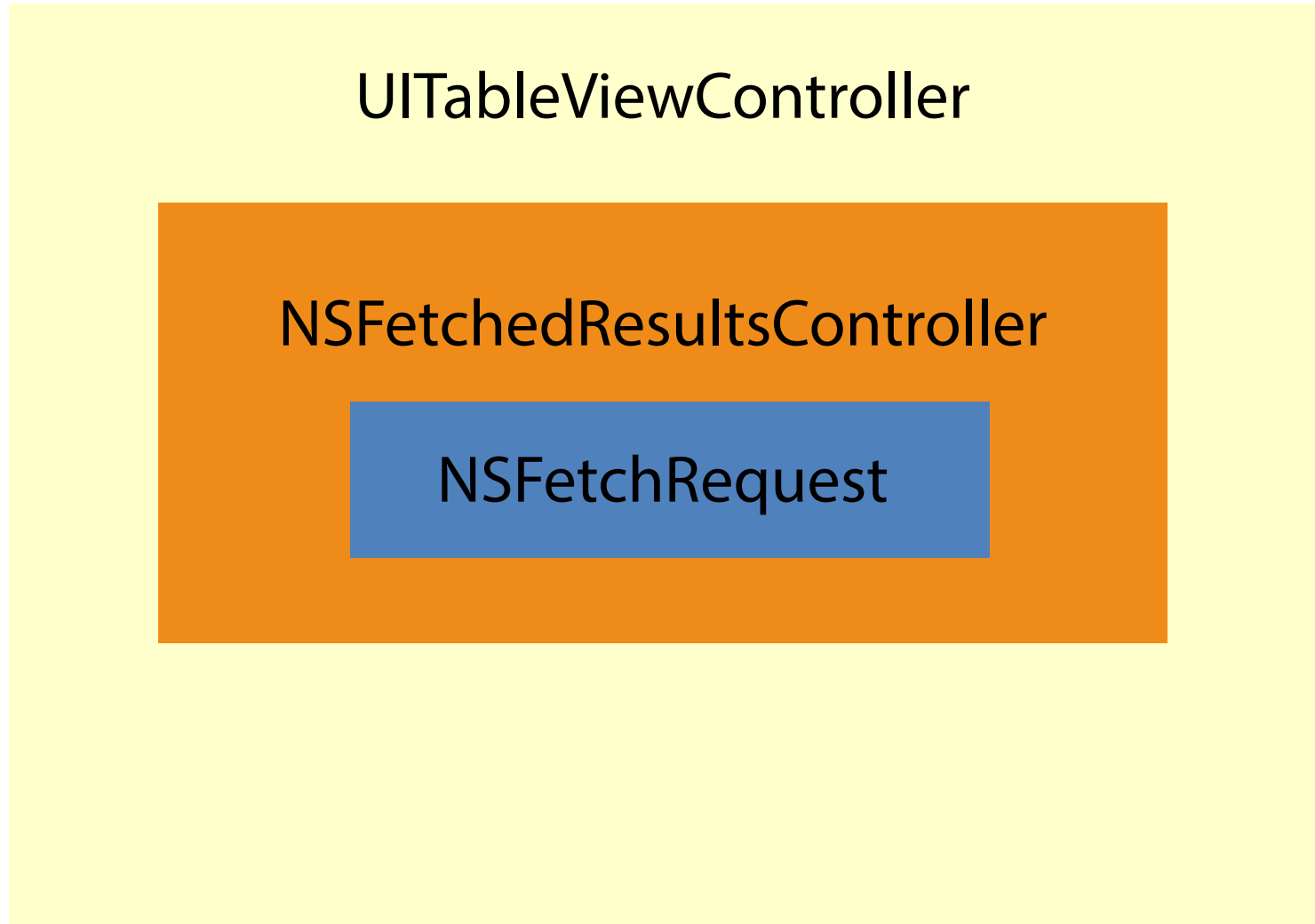Displaying Data in Sections

Listening for Changes to Data

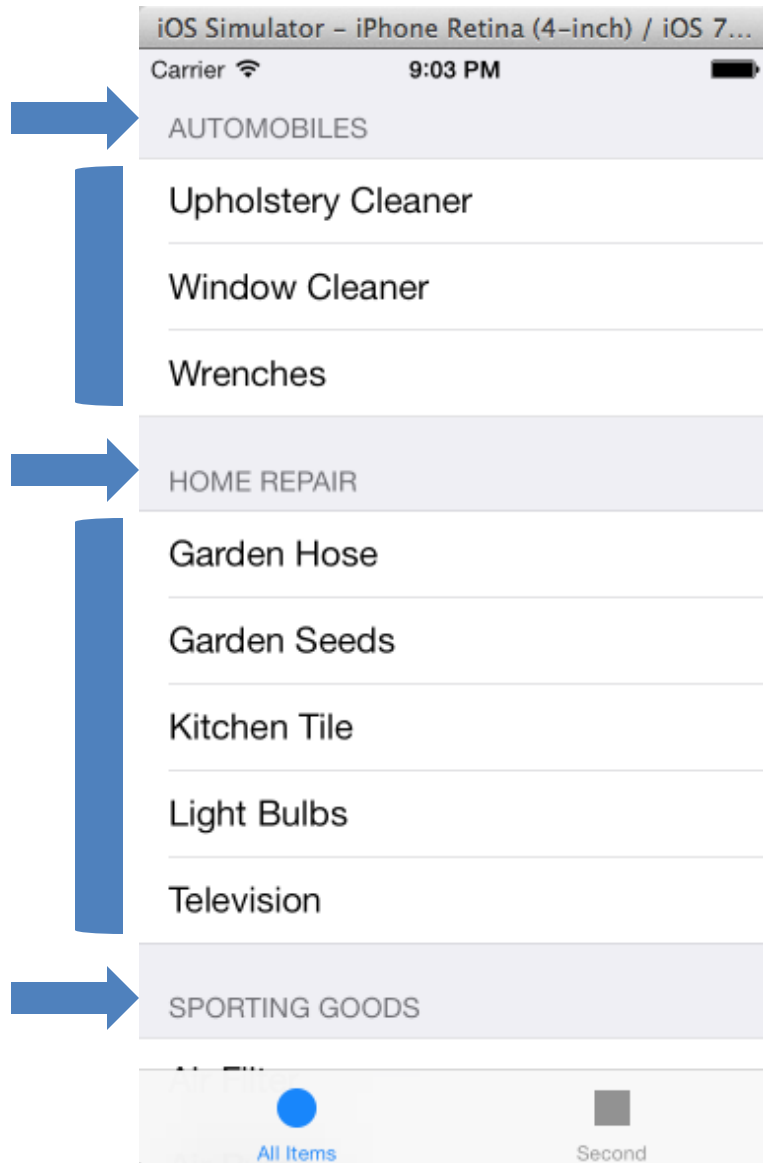# Using an NSFetchedResultsController

UITableViewController

NSFetchedResultsController

NSFetchRequest

Presenting Data In Sections

- **Use NSSortDescriptor objects on the NSFetchRequest**

- **First sort descriptor defines sections**

- **Second sort descriptor sorts within sections**

NSFetchedResultsSectionInfo

```objc
- (NSInteger)tableView:(UITableView *)tableView
 numberOfRowsInSection:(NSInteger)section
{
    NSArray *sections = [[self fetchedResultsController] sections];


    id<NSFetchedResultsSectionInfo> curSec;
    curSec = [sections objectAtIndex:section];


    return [curSec numberOfObjects];
}
```

NSFetchedResultsController Data Changes

Set View Controller as Delegate

Implement NSFetchedResultsControllerDelegate

Update UITableView

Summary

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Displaying Data in Sections

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