Introduction to Xcode 4
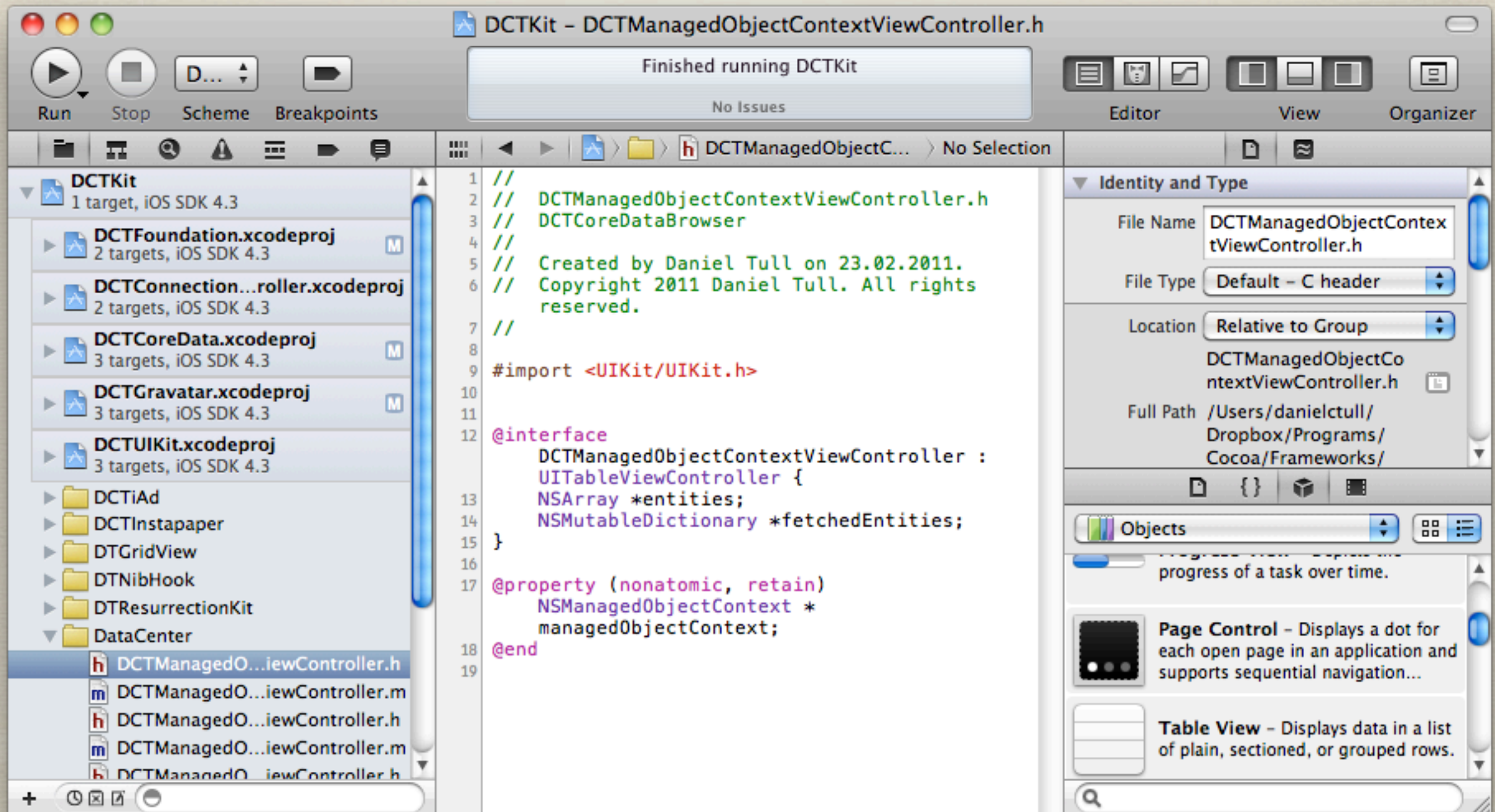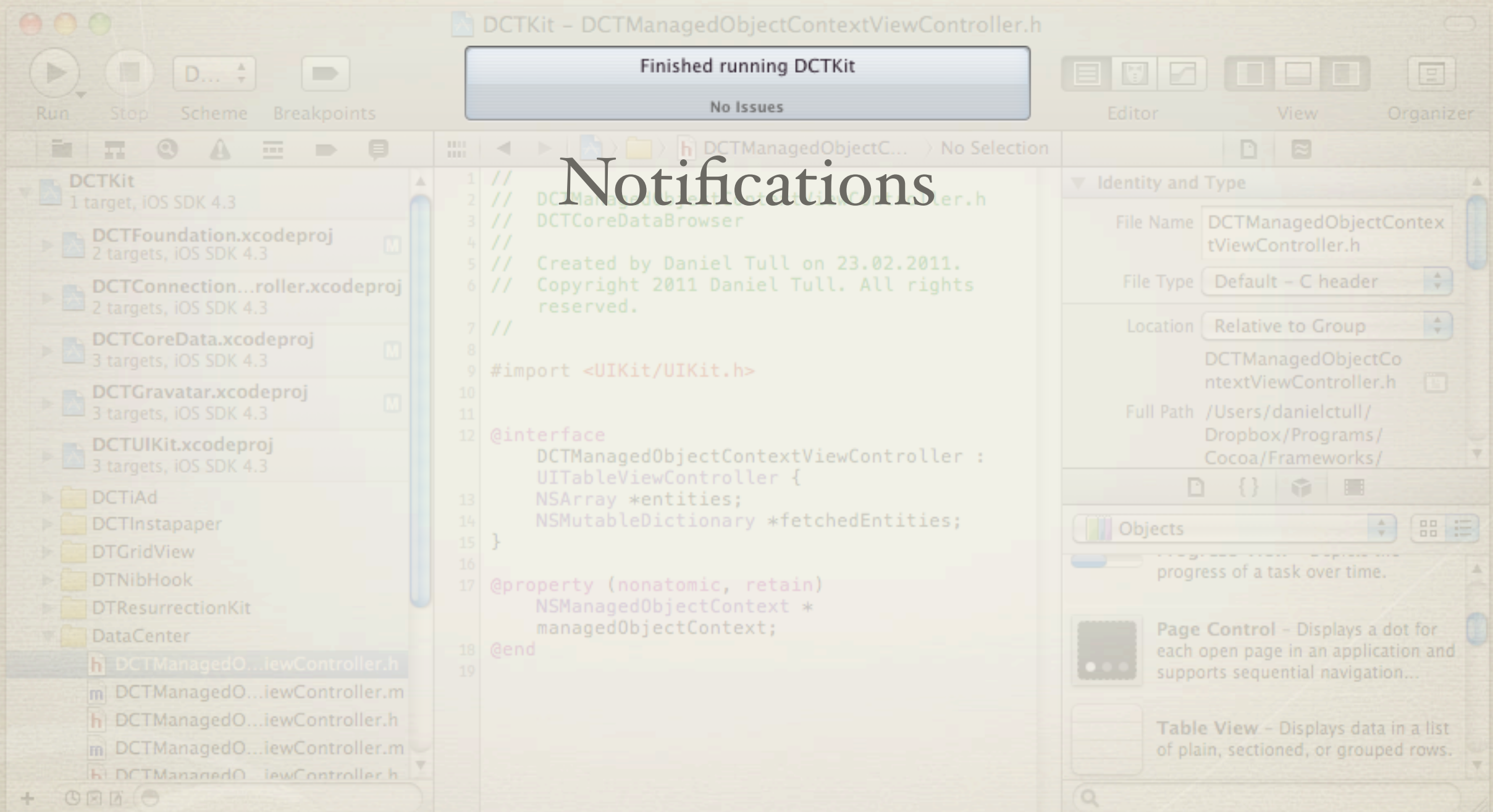## Daniel Tull

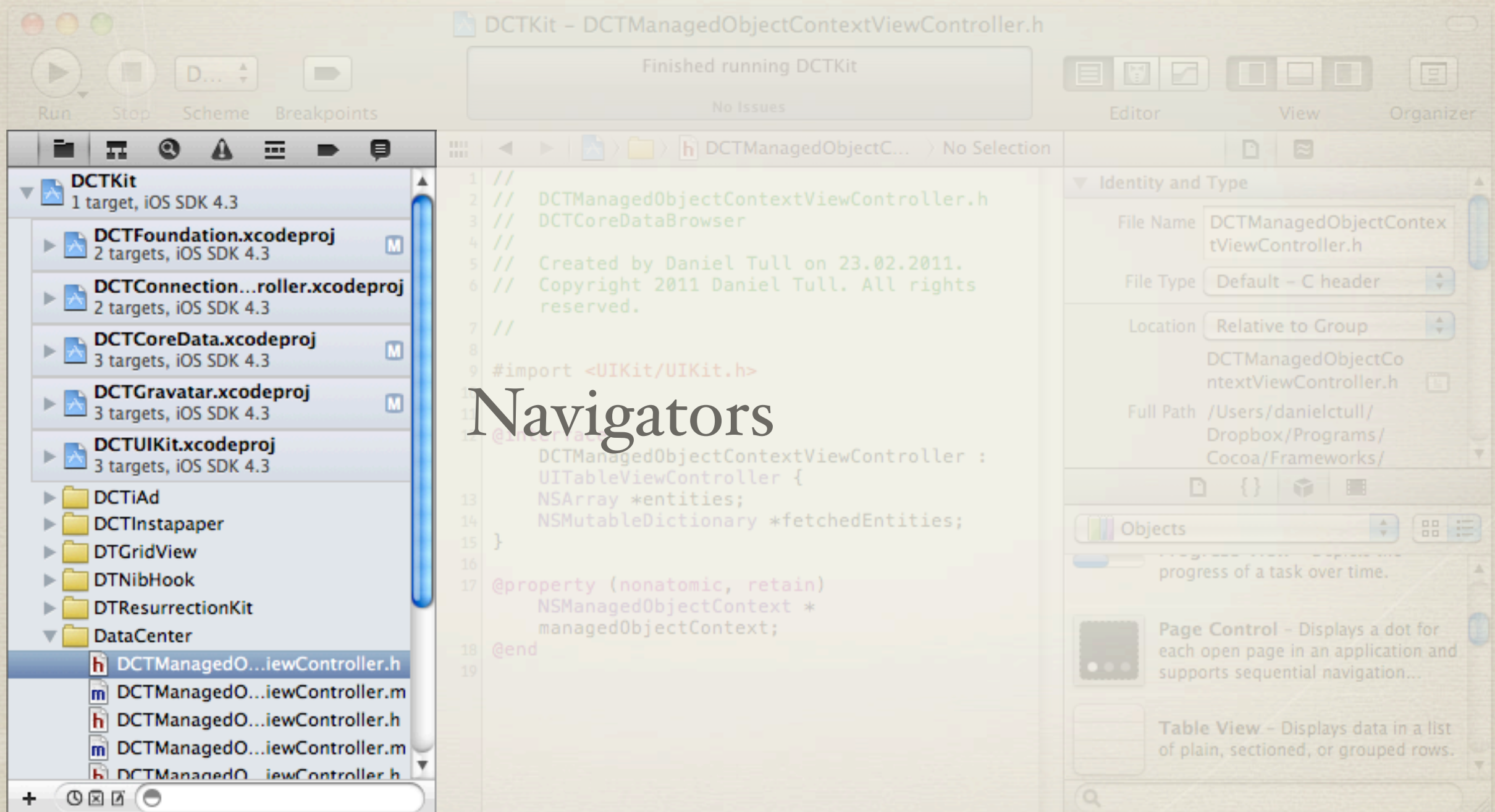# Xcode 4

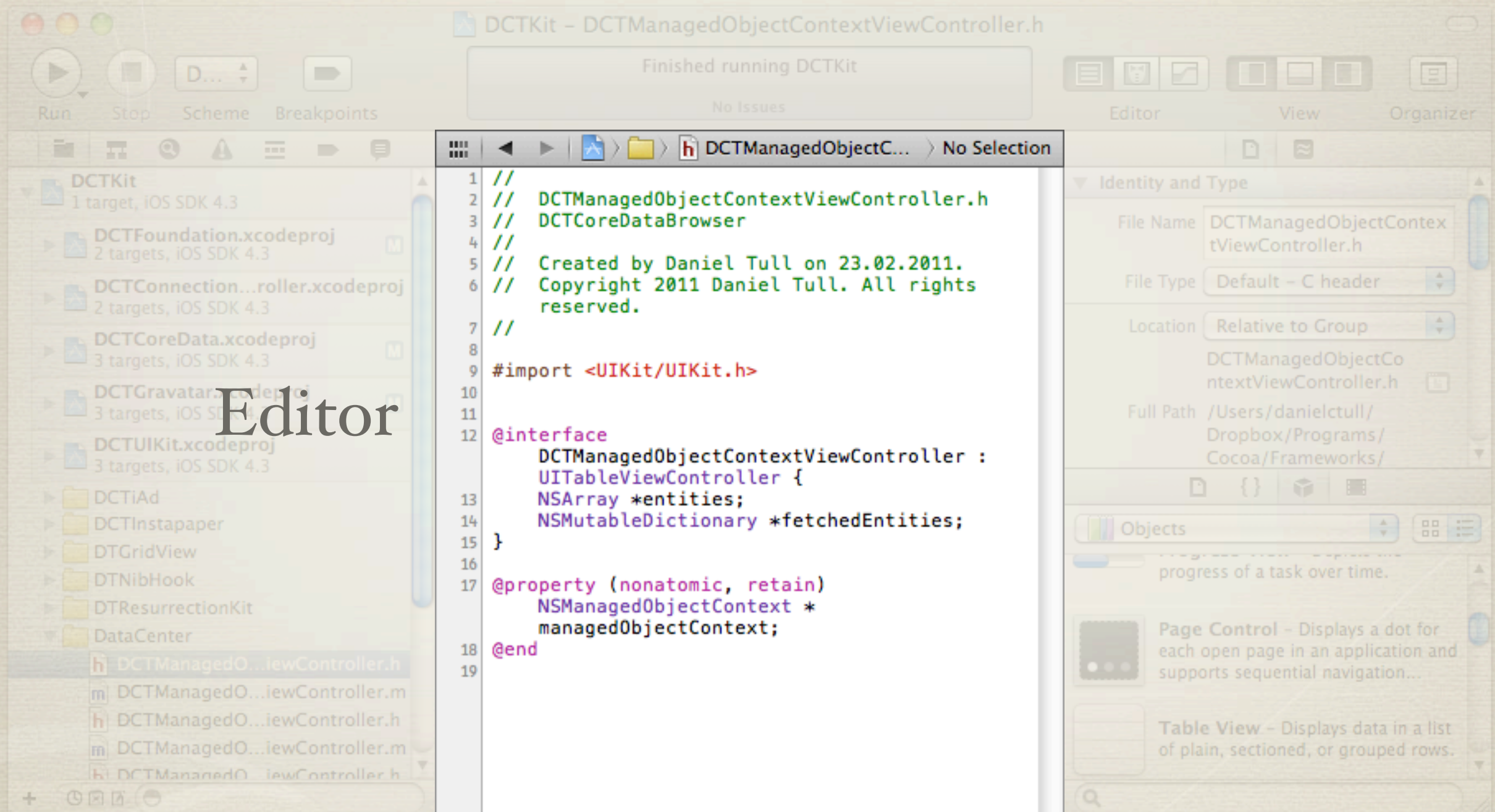# Xcode 4

Notifications

Xcode 4

Navigators

Xcode 4

Editor

DCTKit – DCTManagedObjectContextViewController.h

Finished running DCTKit

No Issues

Run   Stop   Scheme   Breakpoints   Editor   View   Organizer

DCTManagedObjectC...   No Selection

```
 1  //
 2  //  DCTManagedObjectContextViewController.h
 3  //  DCTCoreDataBrowser
 4  //
 5  //  Created by Daniel Tull on 23.02.2011.
 6  //  Copyright 2011 Daniel Tull. All rights
        reserved.
 7  //
 8
 9  #import <UIKit/UIKit.h>
10
11
12  @interface
        DCTManagedObjectContextViewController :
        UITableViewController {
13      NSArray *entities;
14      NSMutableDictionary *fetchedEntities;
15  }
16
17  @property (nonatomic, retain)
        NSManagedObjectContext *
        managedObjectContext;
18  @end
19
```

DCTKit
1 target, iOS SDK 4.3

DCTFoundation.xcodeproj
2 targets, iOS SDK 4.3

DCTConnection...roller.xcodeproj
2 targets, iOS SDK 4.3

DCTCoreData.xcodeproj
3 targets, iOS SDK 4.3

DCTGravatar...codeproj
3 targets, iOS SDK 4.3

DCTUIKit.xcodeproj
3 targets, iOS SDK 4.3

DCTiAd
DCTInstapaper
DTGridView
DTNibHook
DTResurrectionKit
DataCenter
DCTManagedO...iewController.h
DCTManagedO...iewController.m
DCTManagedO...iewController.h
DCTManagedO...iewController.m
DCTManagedO...iewController.h

Identity and Type

File Name   DCTManagedObjectContextViewController.h

File Type   Default – C header

Location   Relative to Group

DCTManagedObjectContextViewController.h

Full Path   /Users/danielctull/Dropbox/Programs/Cocoa/Frameworks/

Objects

progress of a task over time.

Page Control – Displays a dot for each open page in an application and supports sequential navigation...

Table View – Displays data in a list of plain, sectioned, or grouped rows.

Xcode 4

Utility area
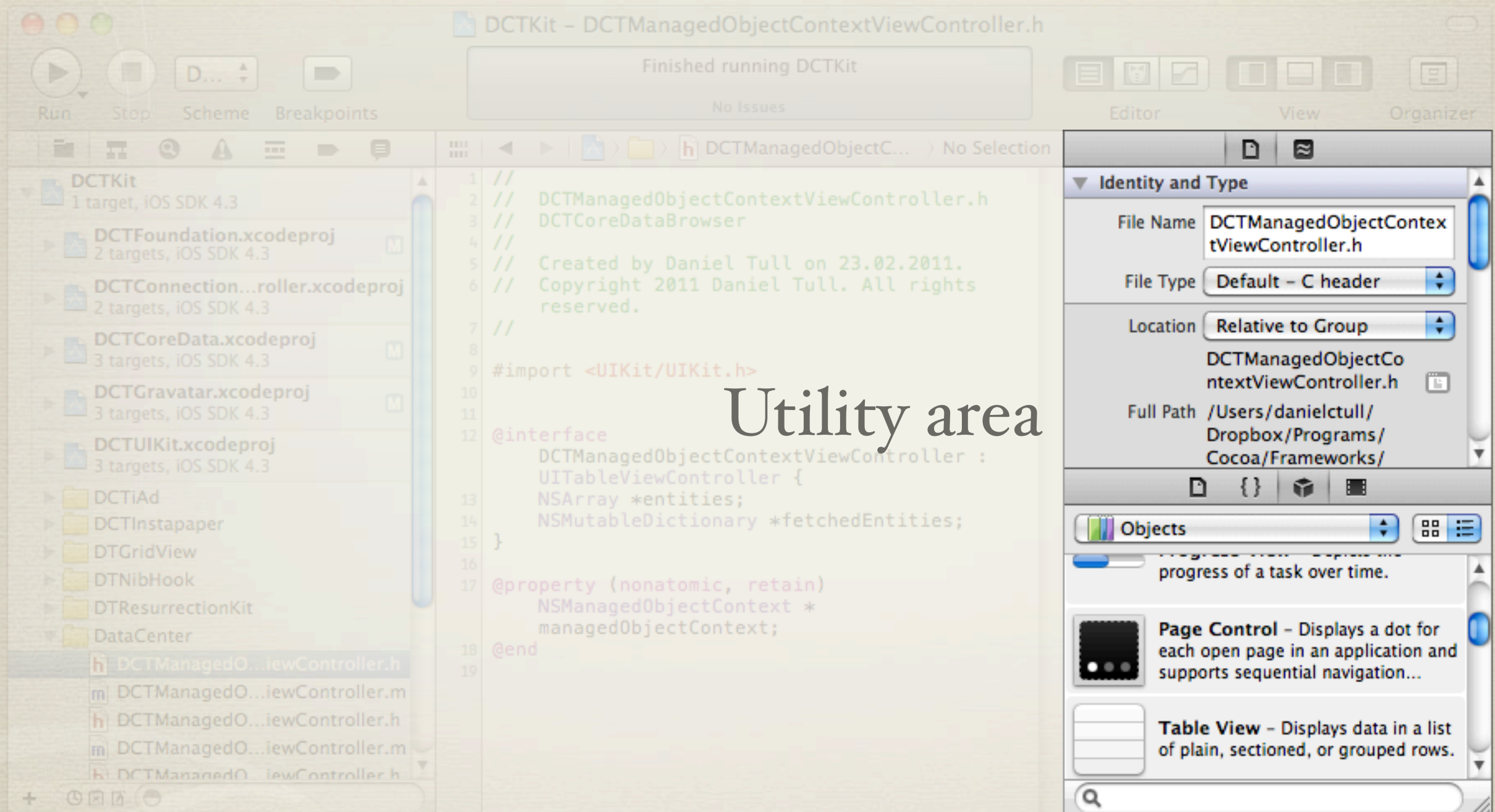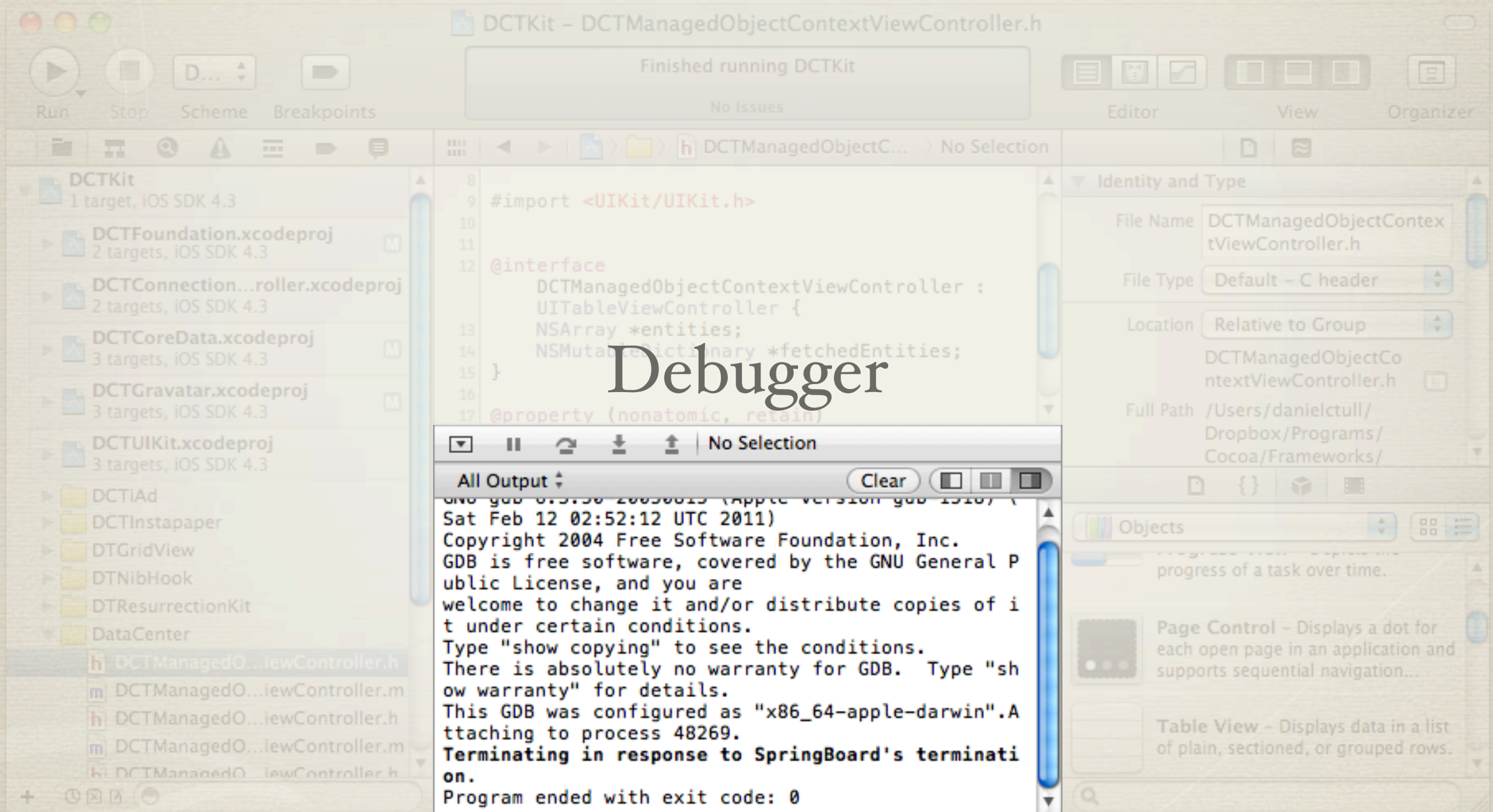
Xcode 4

Debugger

What I won't cover

Xcode Assistant

Dragging from nibs to code for IBOutlets and IBActions

Fix-it

Session 300 - Developer Tools State of the Union

Navigators

Navigators
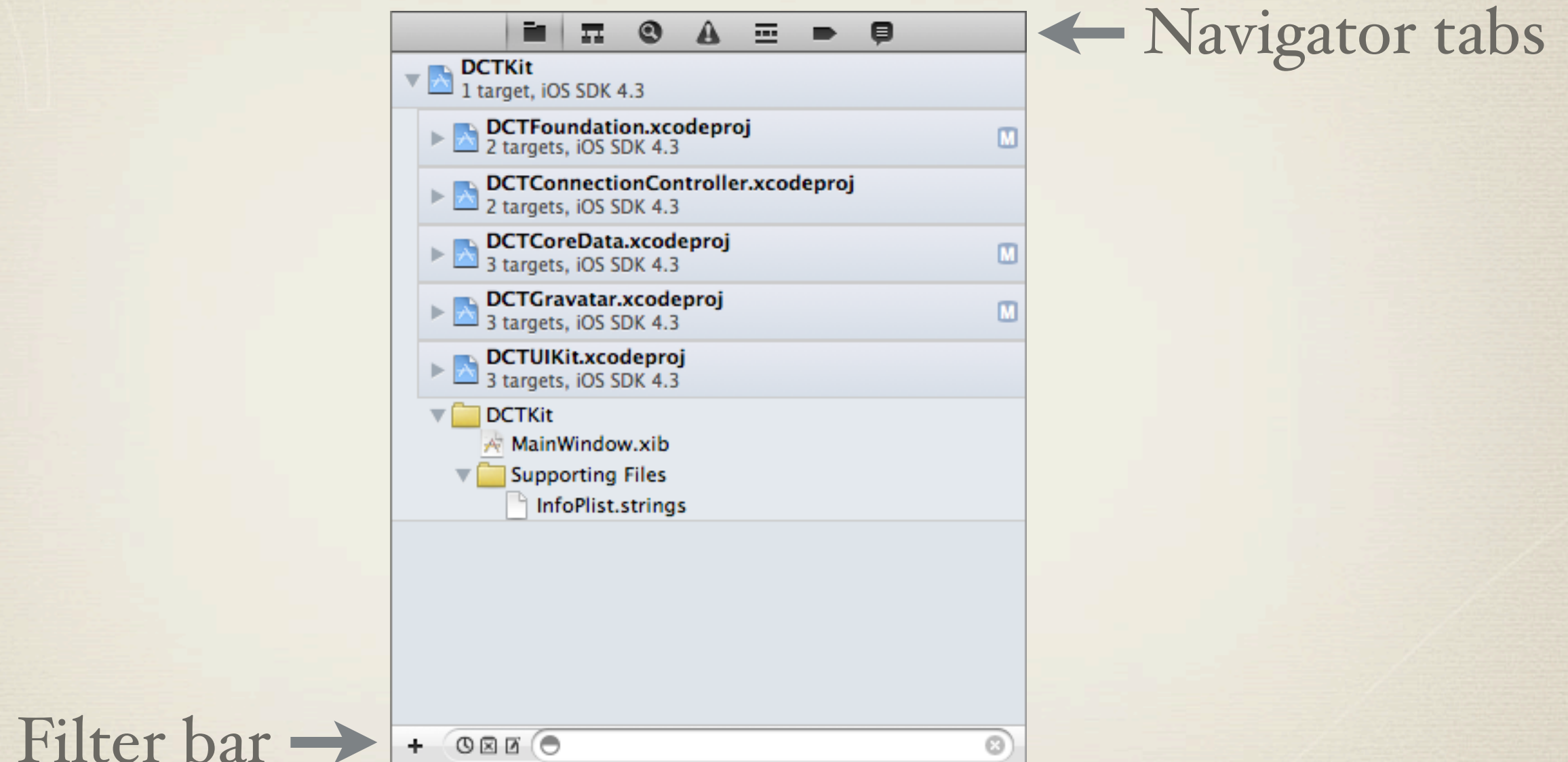
Project navigator

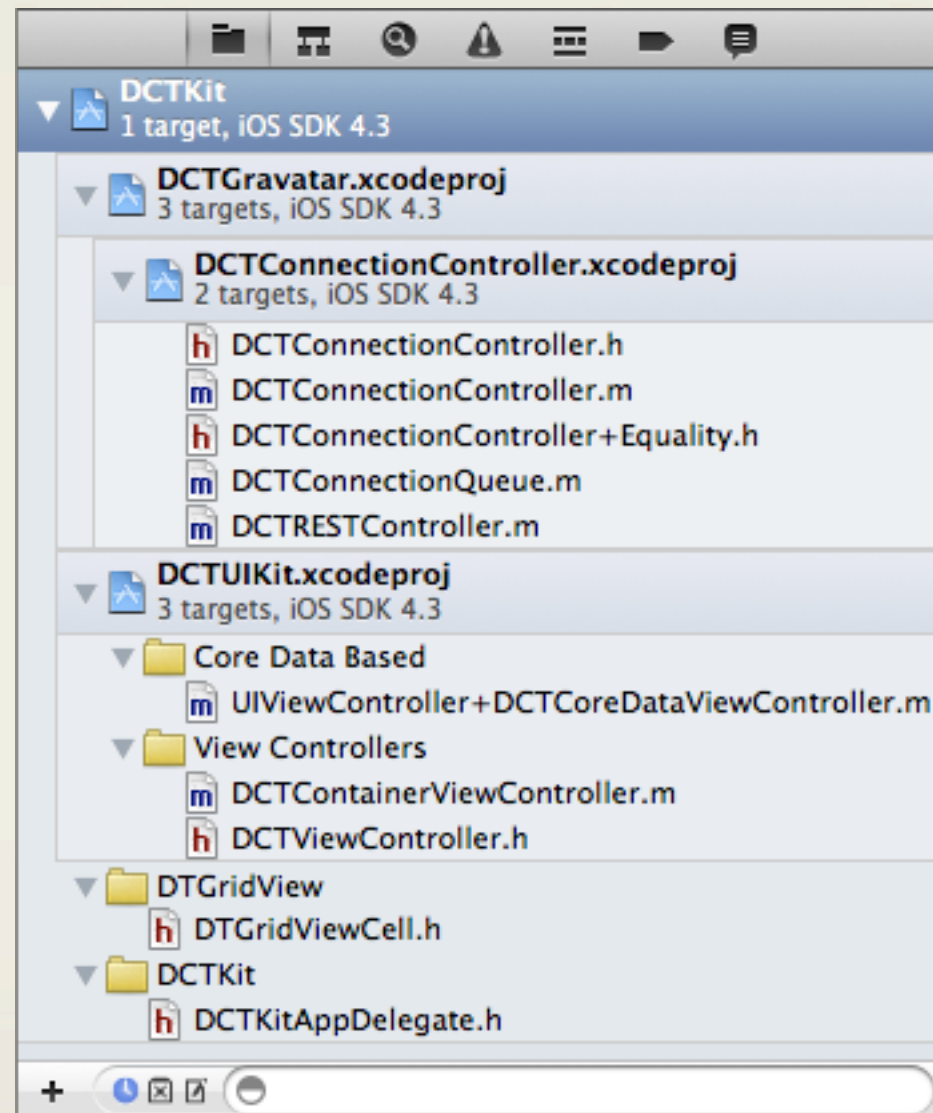Symbol navigator

Search navigator

Issue navigator

Debug navigator
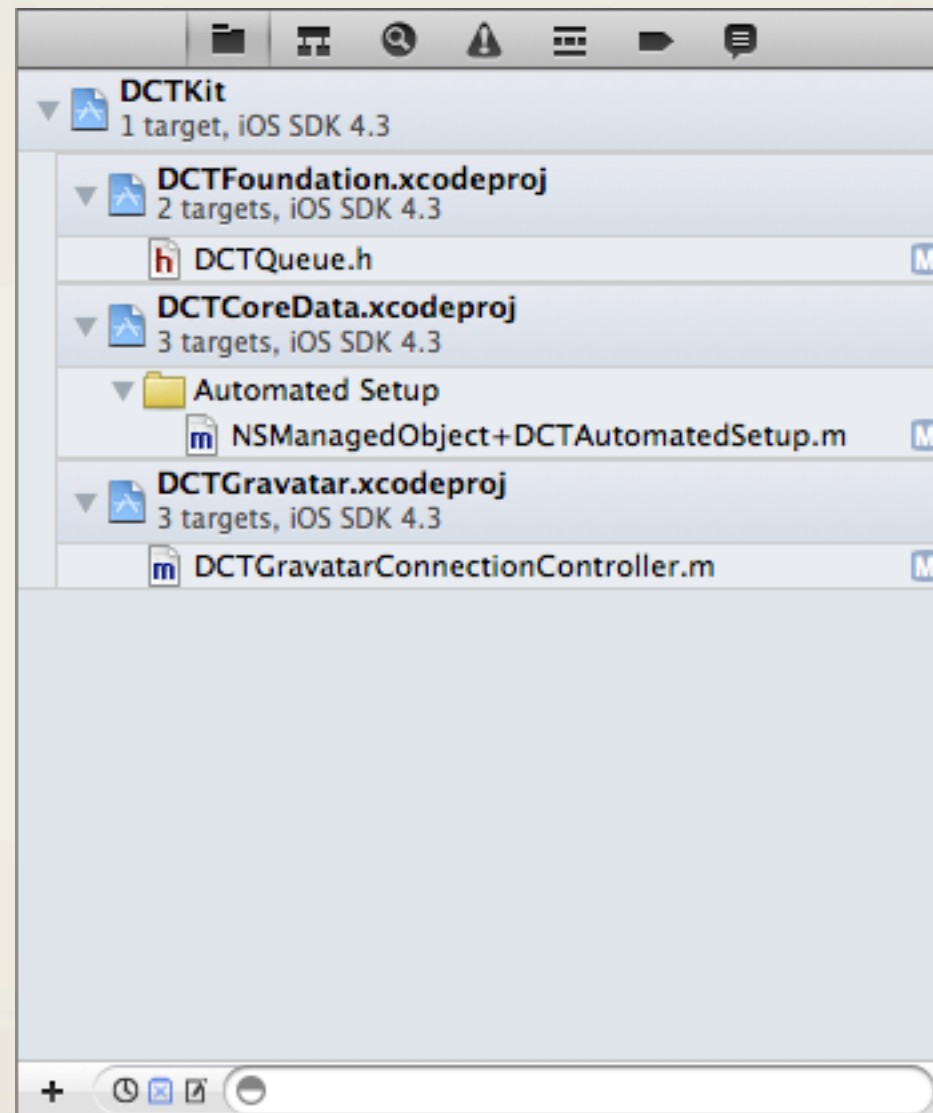
Breakpoint navigator

Log navigator

Project Navigator

Navigator tabs

Filter bar

Project Navigator

Recently edited

Project Navigator

Source-control status

Project Navigator
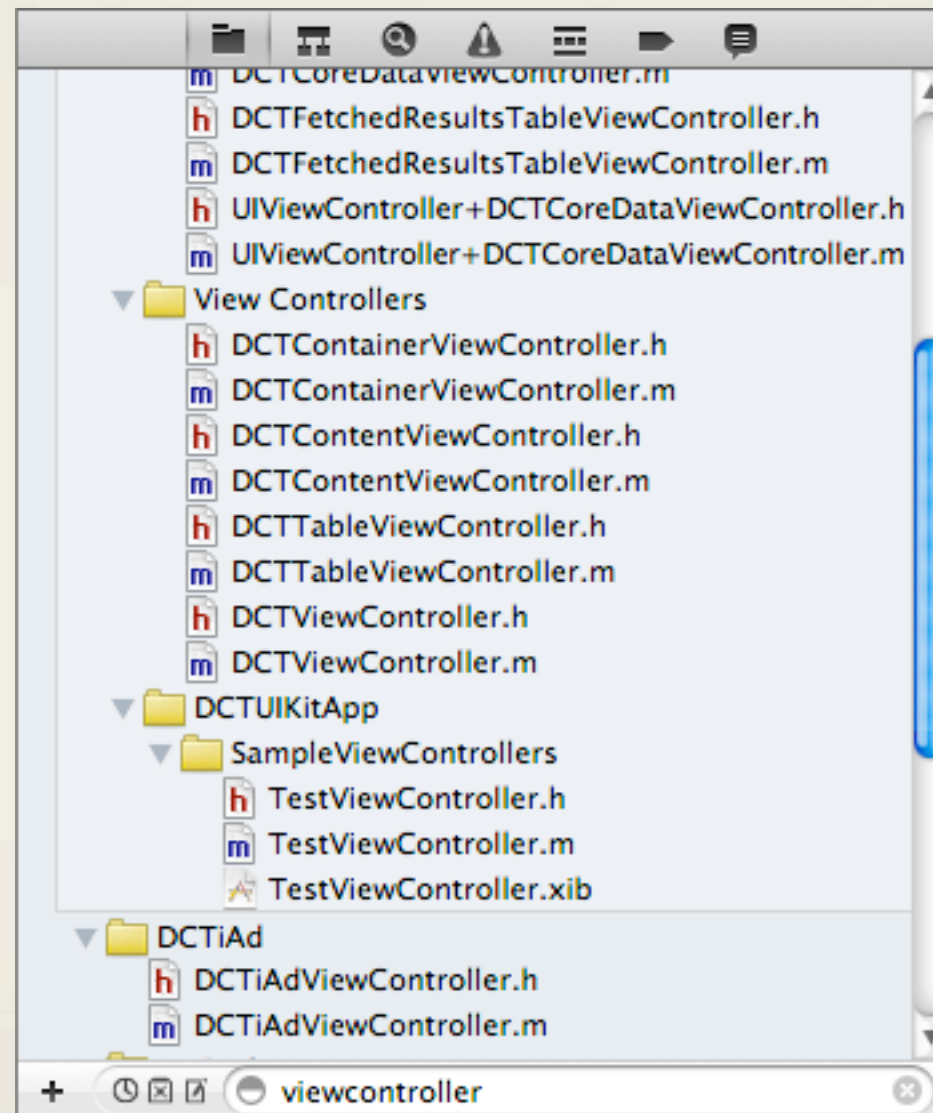
← Text Filtering

Symbol Navigator

IBActions

Categories

Methods

Variables

Classes

Properties

Protocols
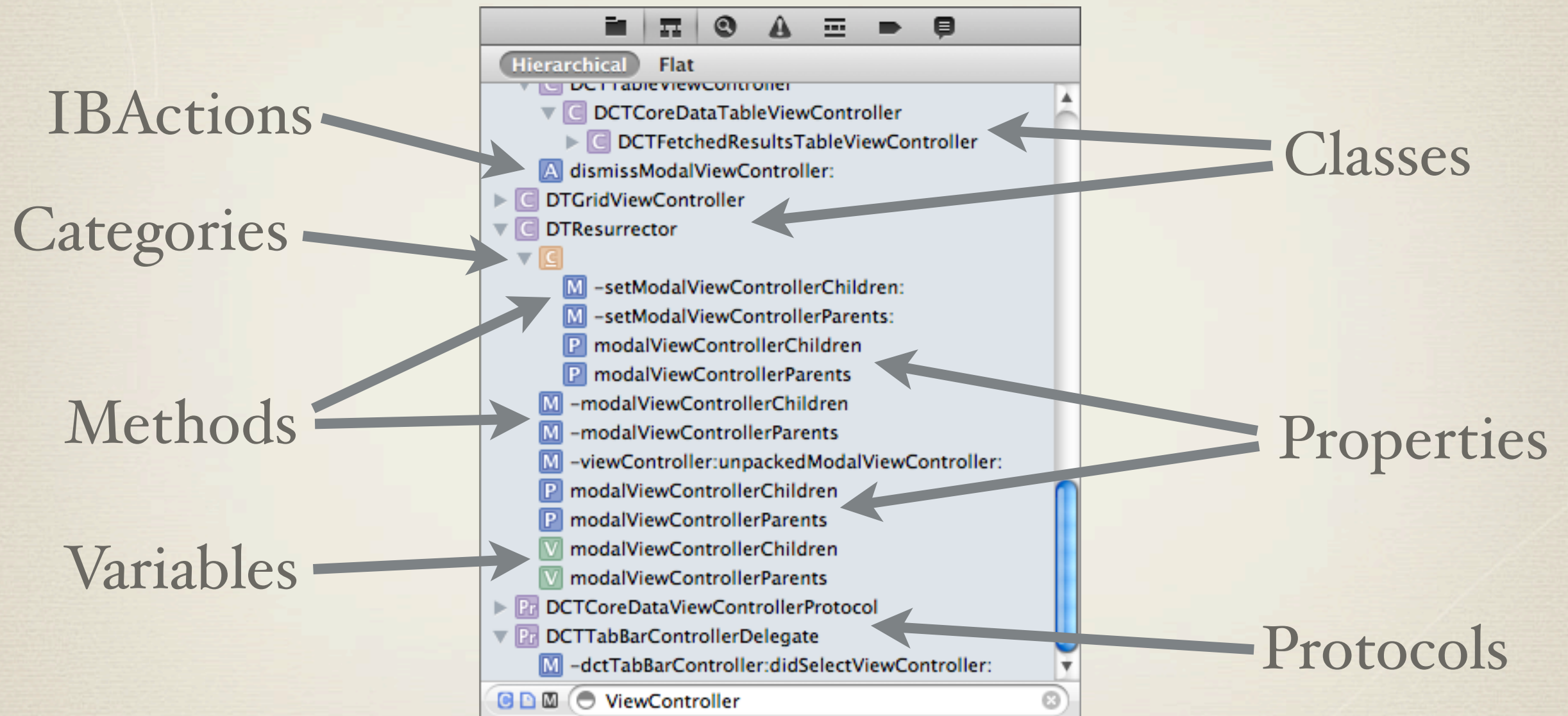
Symbol Navigator
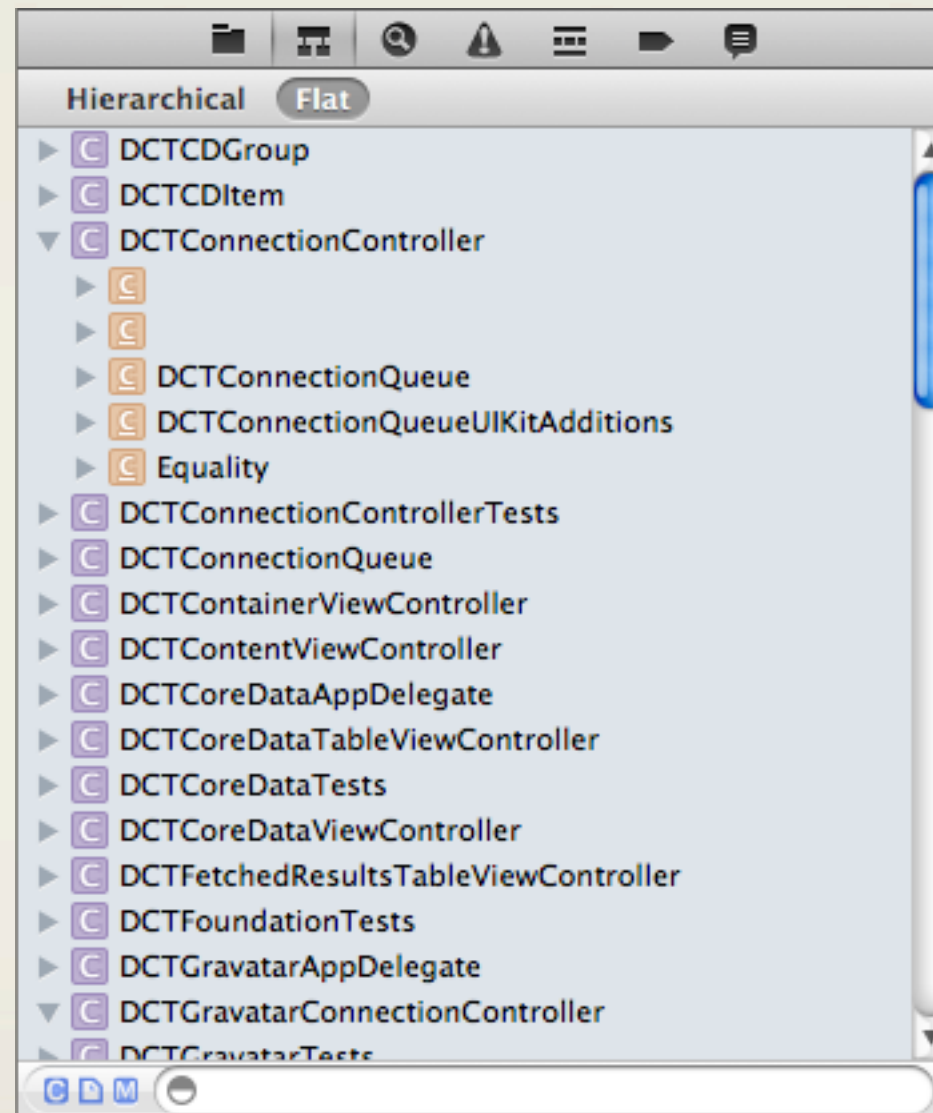
Show only containers
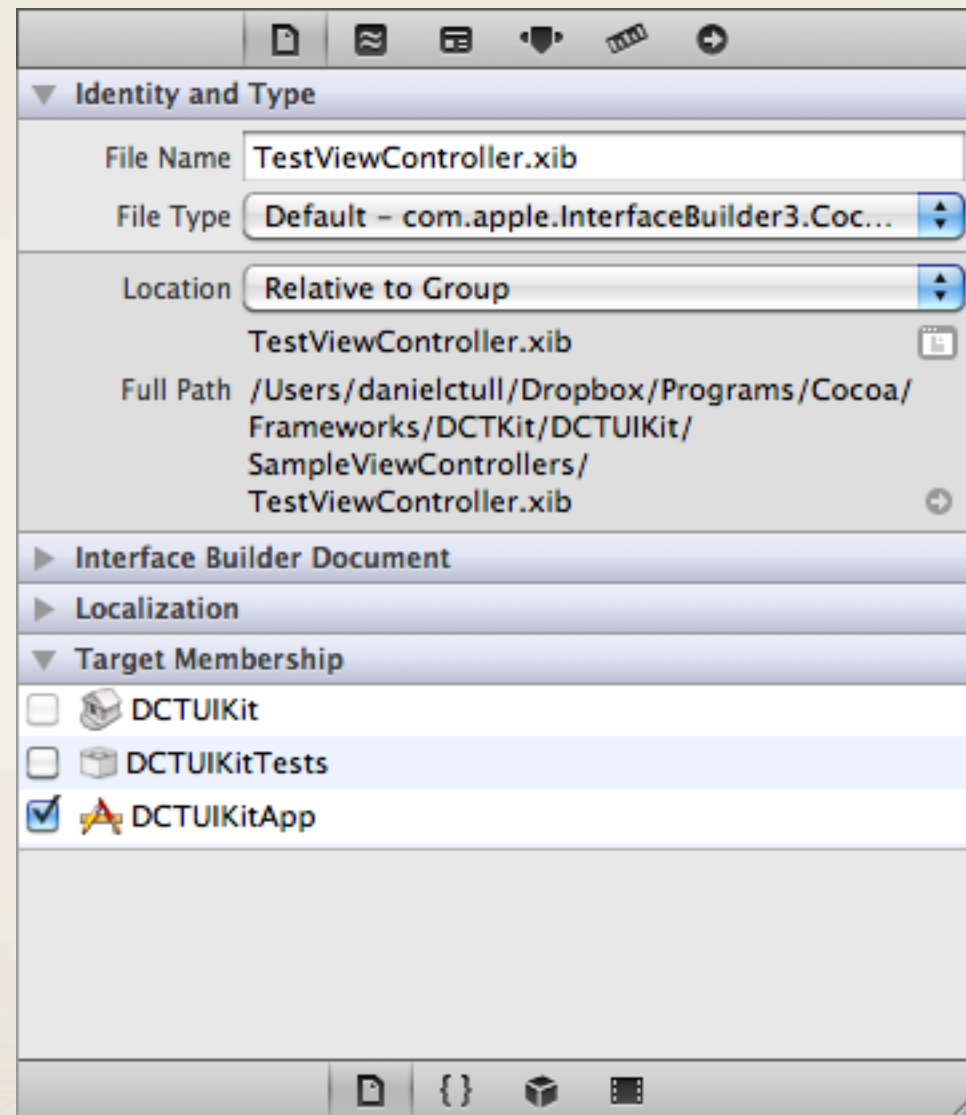
Log Navigator

Log Navigator

DerivedData

Stores everything in the DerivedData directory

Gets pretty big might be best exclude from Time Machine

Default path: ~/Library/Developer/Xcode/DerivedData

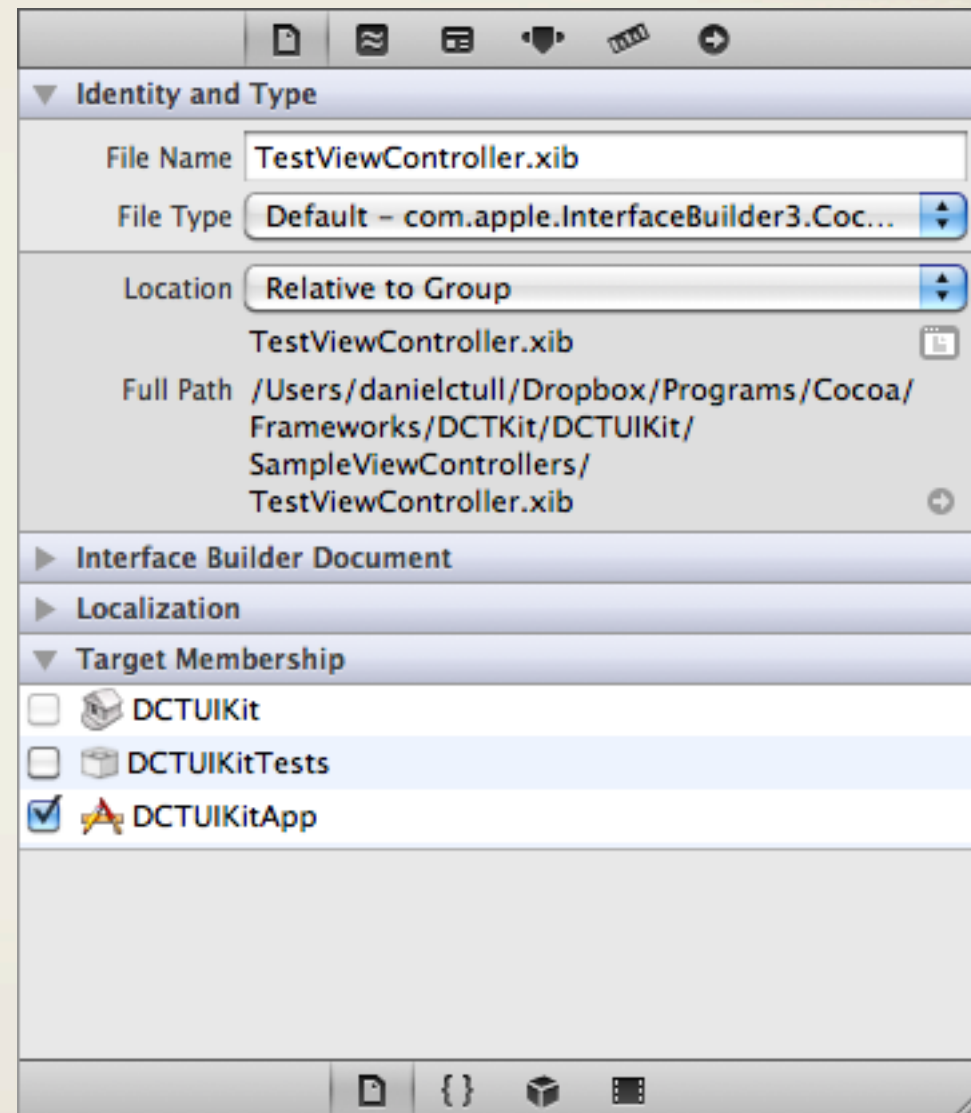# Inspectors & Libraries

Inspectors & Libraries

Inspectors

Libraries

Inspectors

* File
* Quick help
* Identity
* Attributes
* Size
* Connections
* Data Model
* (Bindings)

Identity and Type	
File Name	TestViewController.xib
File Type	Default – com.apple.InterfaceBuilder3.Coc...
Location	Relative to Group
	TestViewController.xib
Full Path	/Users/danielctull/Dropbox/Programs/Cocoa/Frameworks/DCTKit/DCTUIKit/SampleViewControllers/TestViewController.xib

▶ Interface Builder Document
▶ Localization
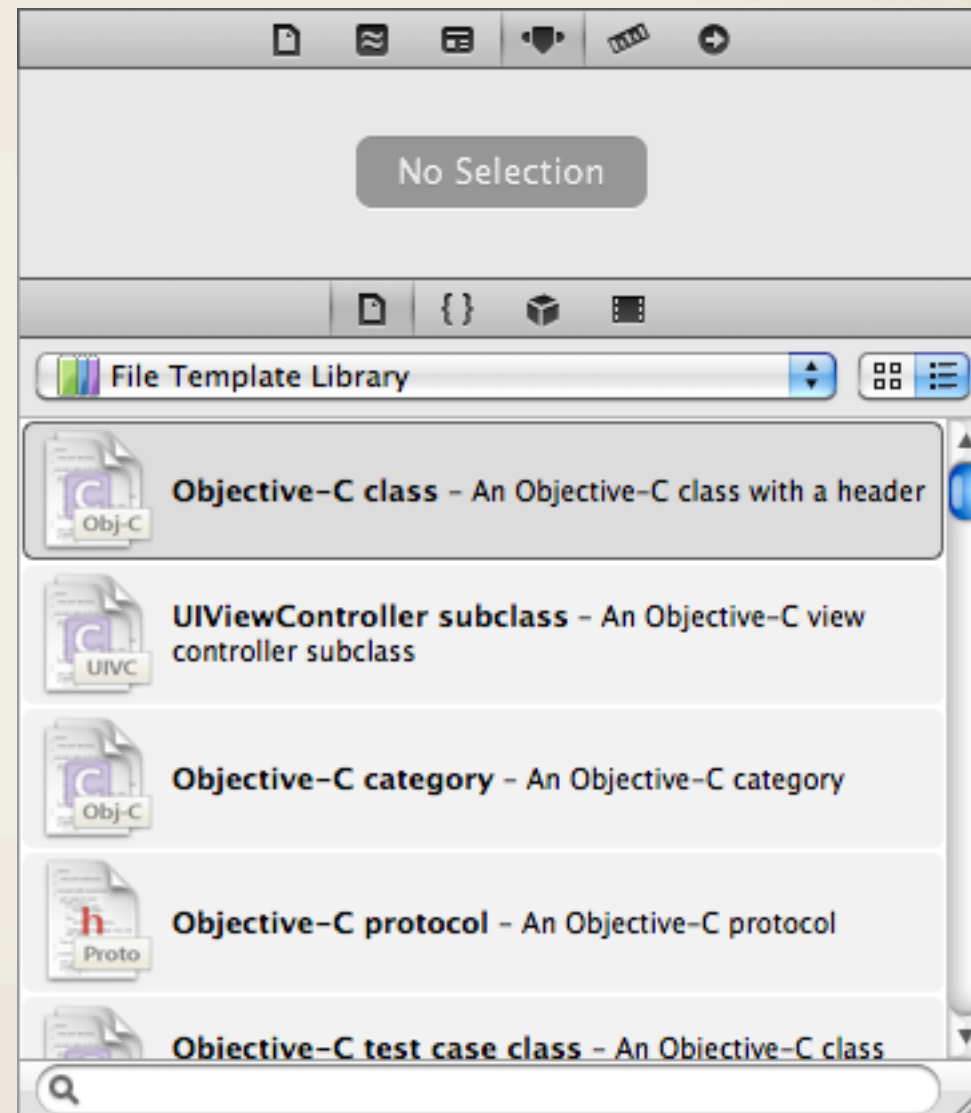▼ Target Membership
☐ DCTUIKit
☐ DCTUIKitTests
☑ DCTUIKitApp

Inspectors

If you're searching for something, check an inspector

✳ Core Data versioning

✳ Target membership

✳ Localizations

Libraries

＊ File Template

＊ Code Snippet

＊ Object (IB)

＊ Media

Schemes

Schemes

Combines target, configuration and unit tests

Saves you from the choice of many combinations

Replacement for executables and Run Script build phases

Schemes Menu

|	
DCTKit	✓ iOS Device
	iPad 4.3 Simulator
	iPhone 4.3 Simulator
DCTCoreData	iOS Device
	iPad 4.3 Simulator
	iPhone 4.3 Simulator
DCTUIKit	iOS Device
	iPad 4.3 Simulator
	iPhone 4.3 Simulator
DCTConnectionController	iOS Device
	iPad 4.3 Simulator
	iPhone 4.3 Simulator
DCTGravatar	iOS Device
	iPad 4.3 Simulator
	iPhone 4.3 Simulator
DCTCoreDataApp	iOS Device
	iPad 4.3 Simulator
	iPhone 4.3 Simulator
DCTFoundation	iOS Device
	iPad 4.3 Simulator
	iPhone 4.3 Simulator
DCTGravatarApp	iOS Device
	iPad 4.3 Simulator
	iPhone 4.3 Simulator

Edit Scheme…
New Scheme…
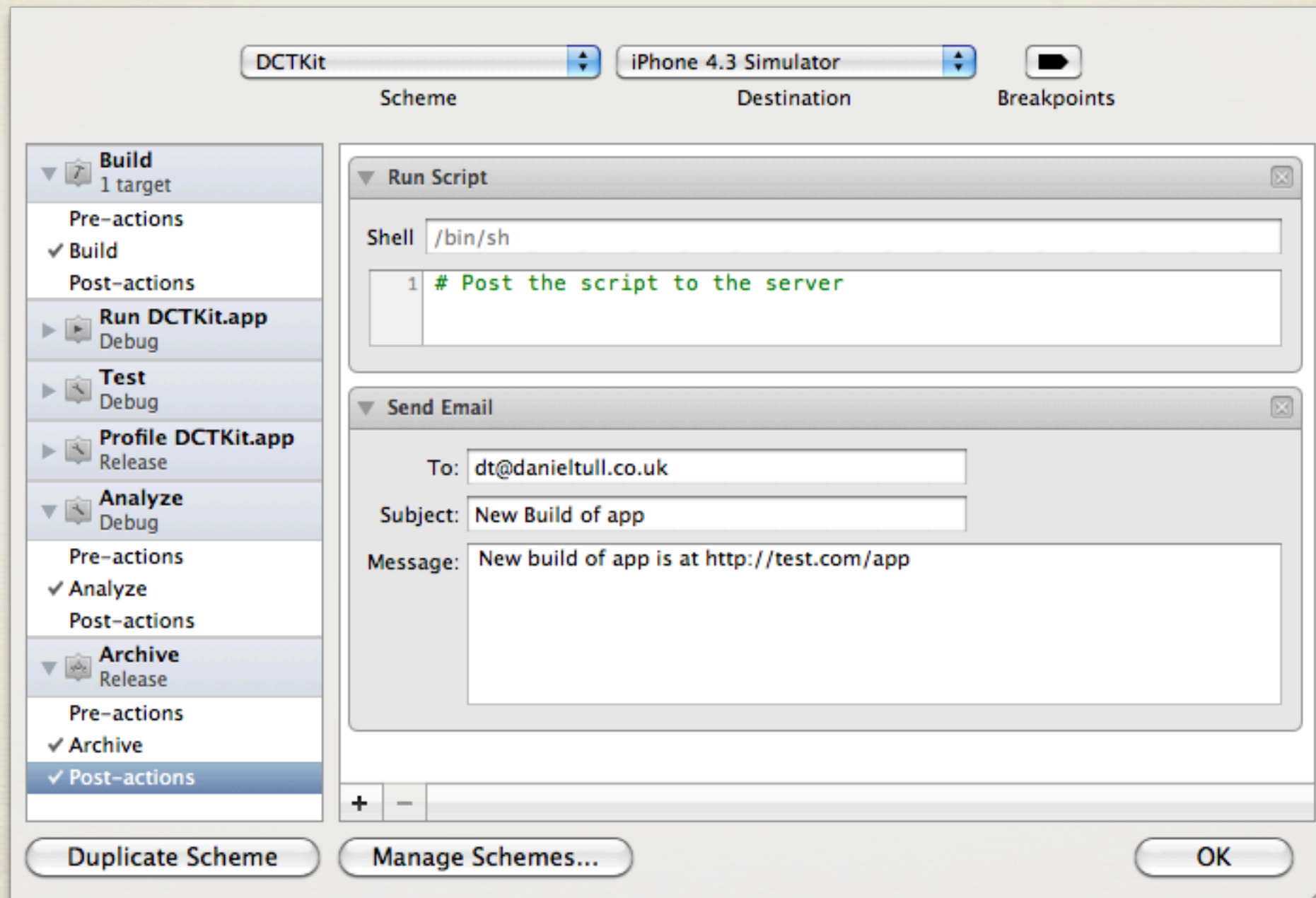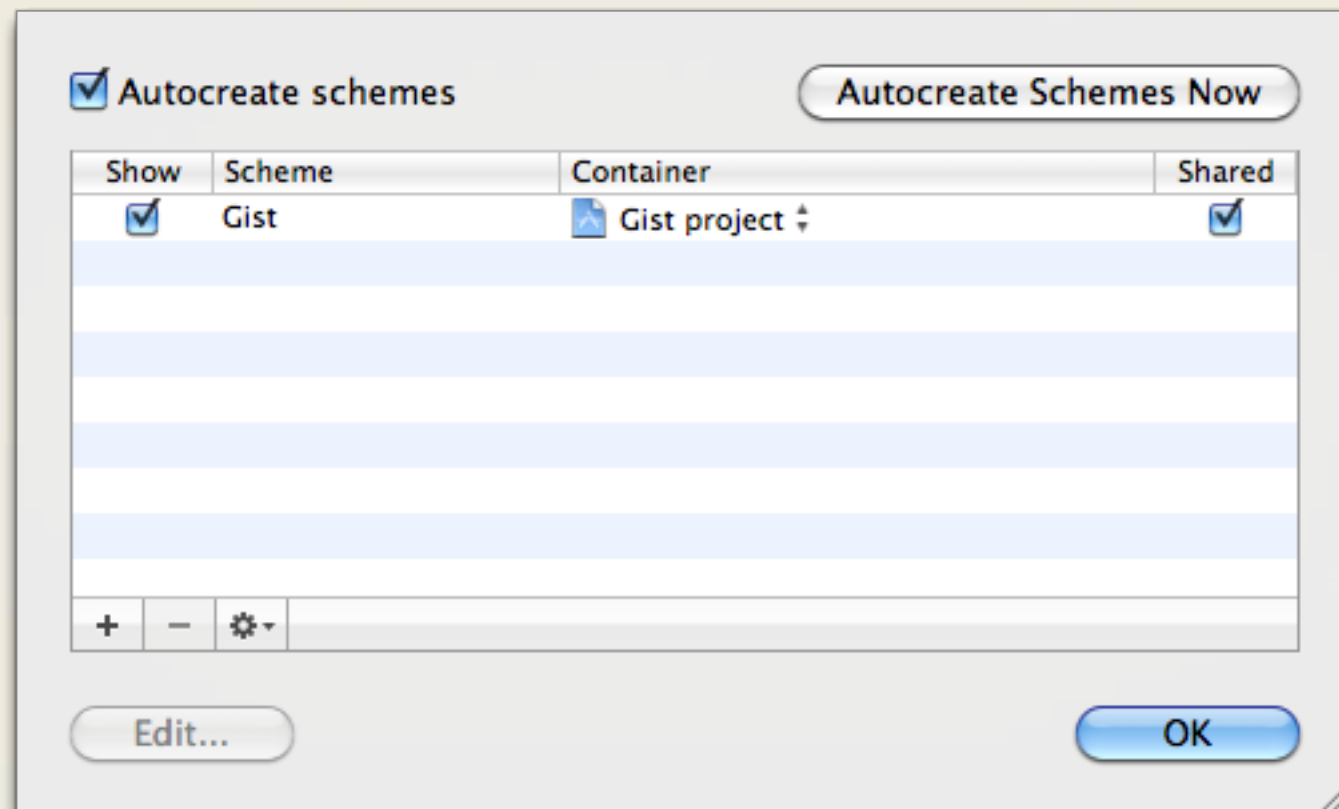Manage Schemes…

Schemes
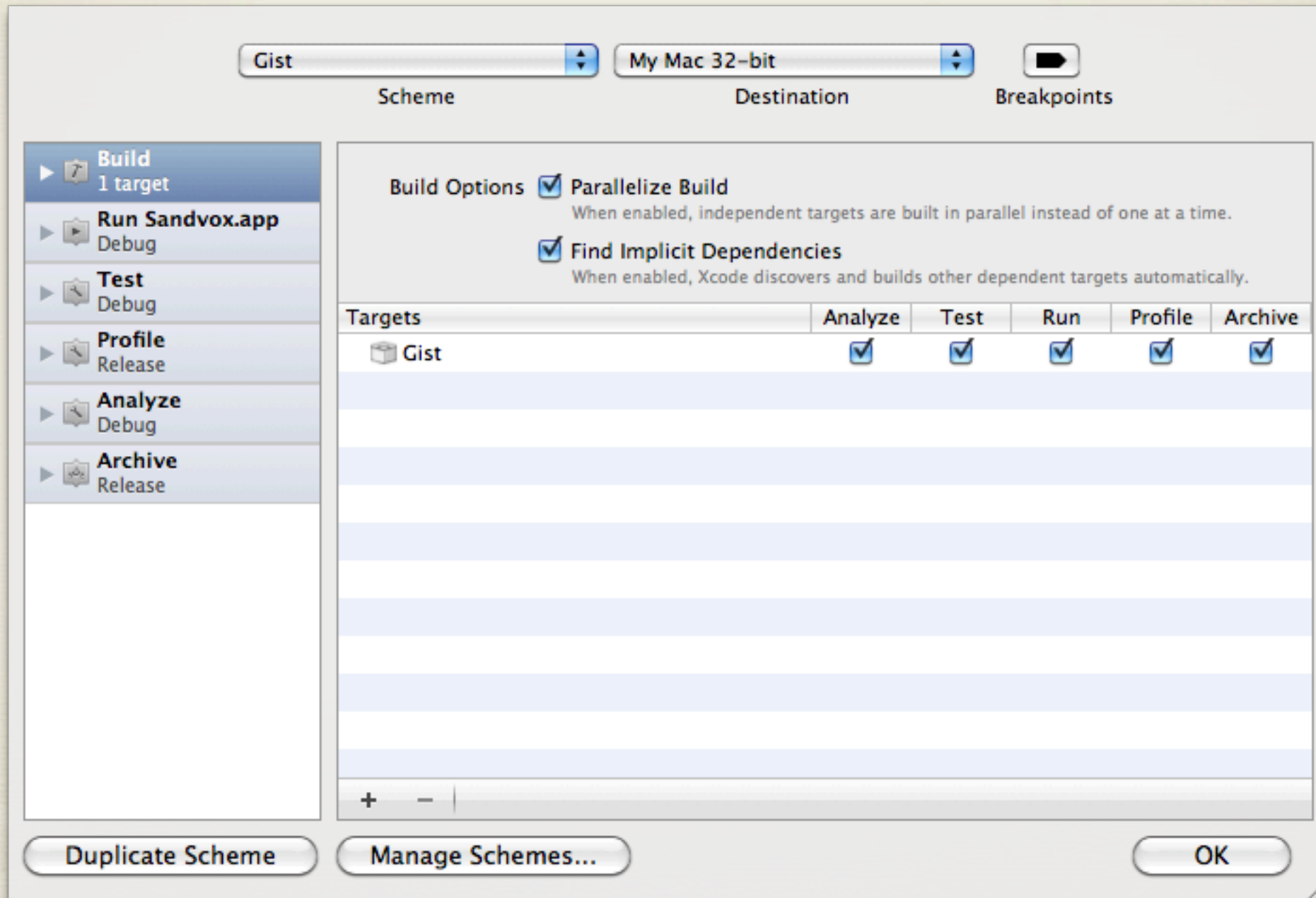
Schemes
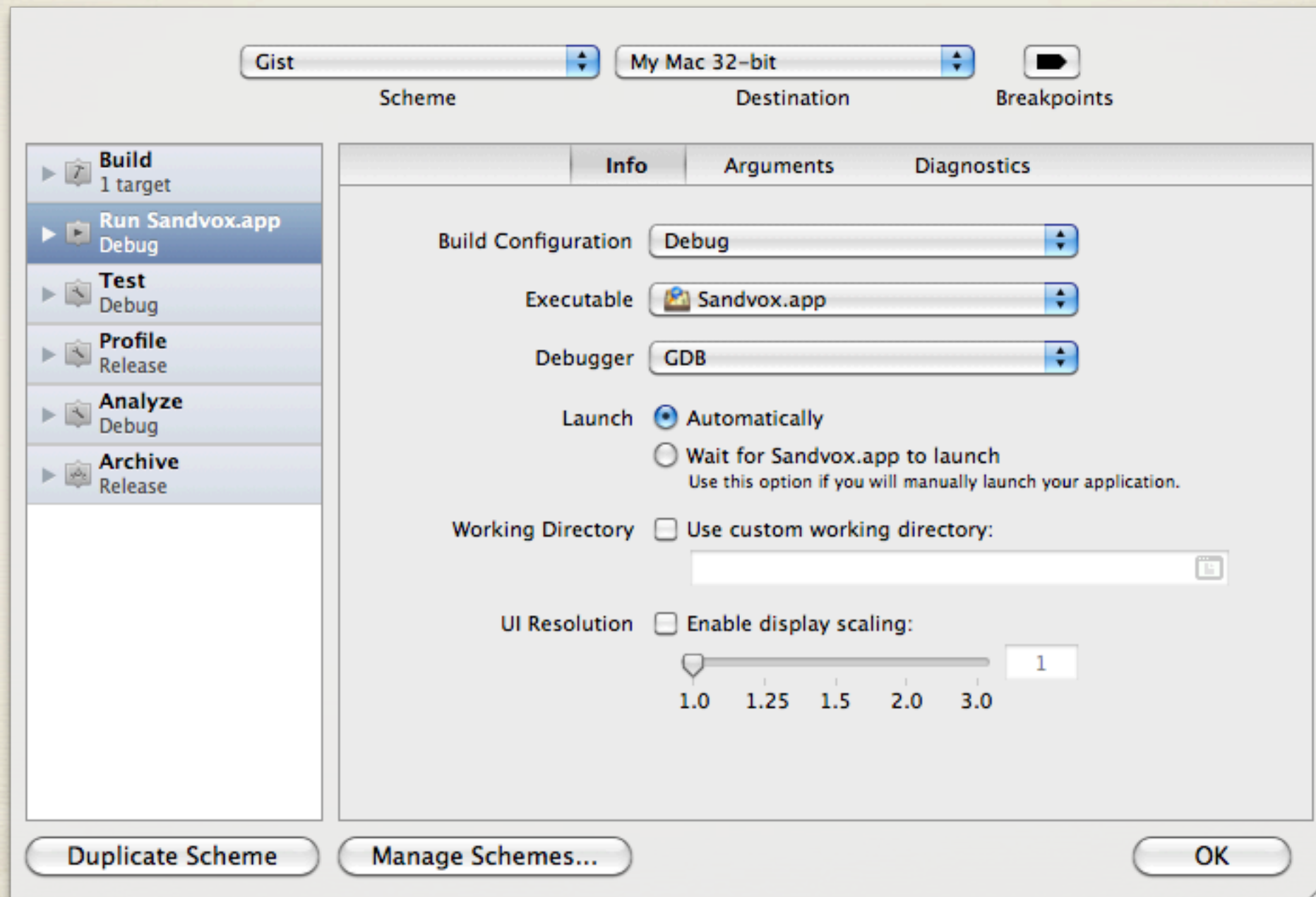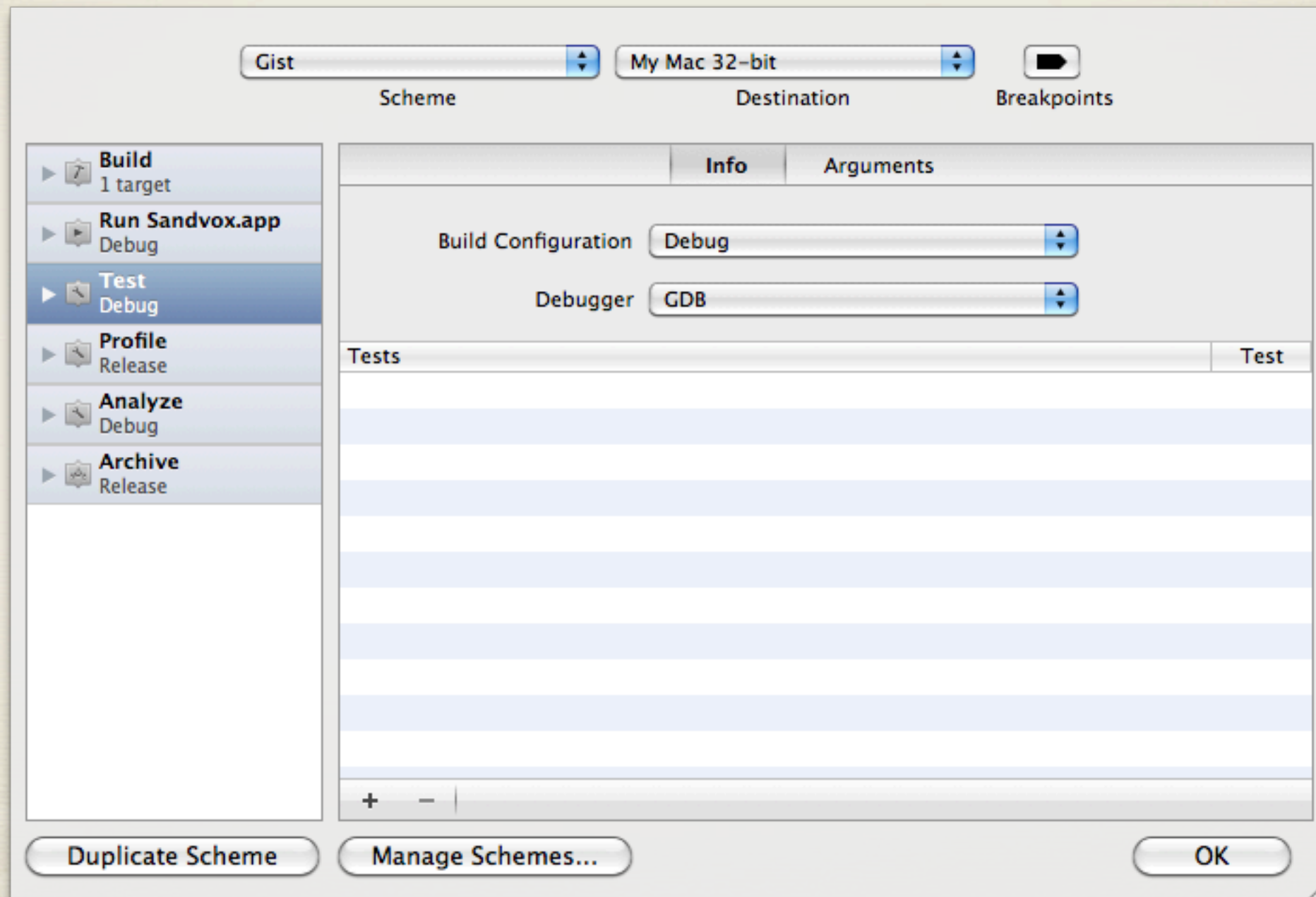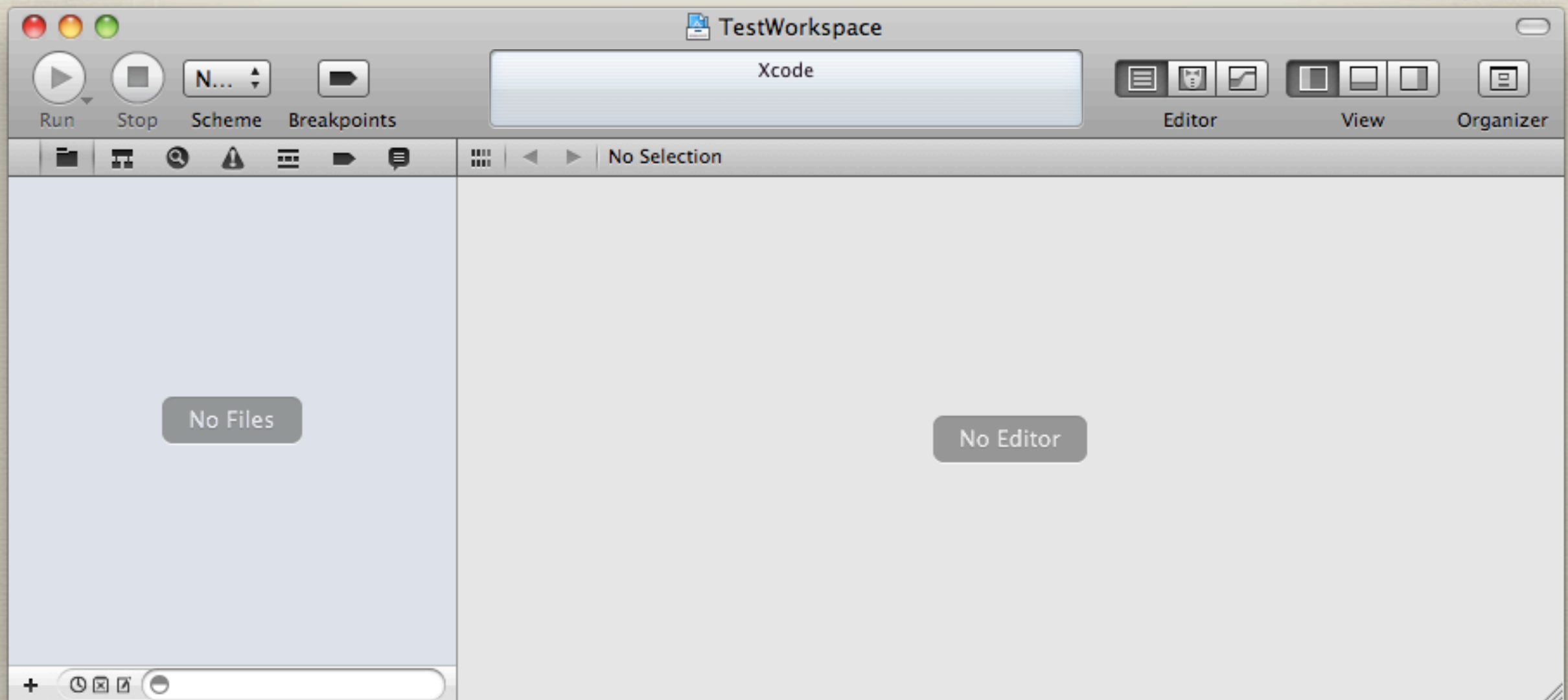
Schemes

Schemes

Sharing Schemes

Workspaces
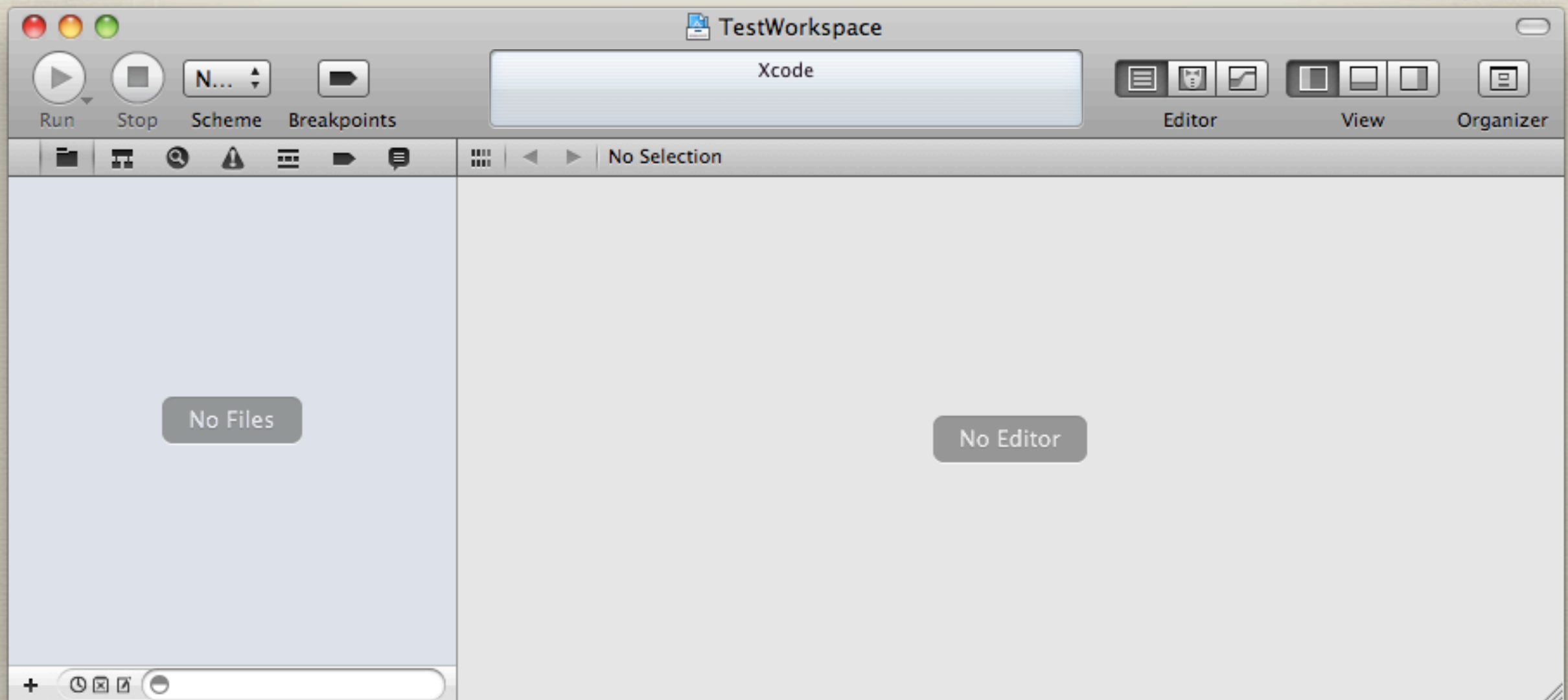
WORKSPACE

Workspaces

Workspaces

Every project has a workspace automatically
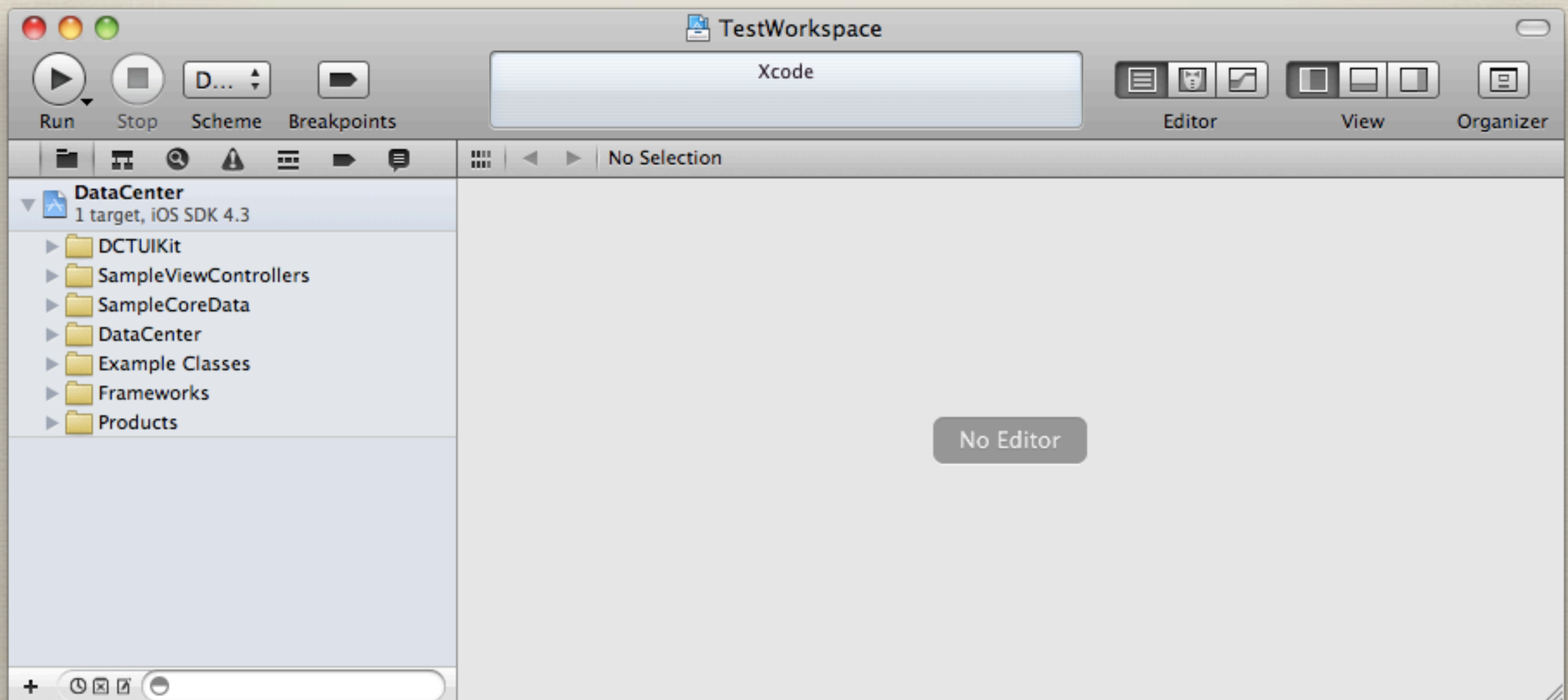
   or create a blank workspace and add projects and files

Is a container for one file, one project or multiple projects

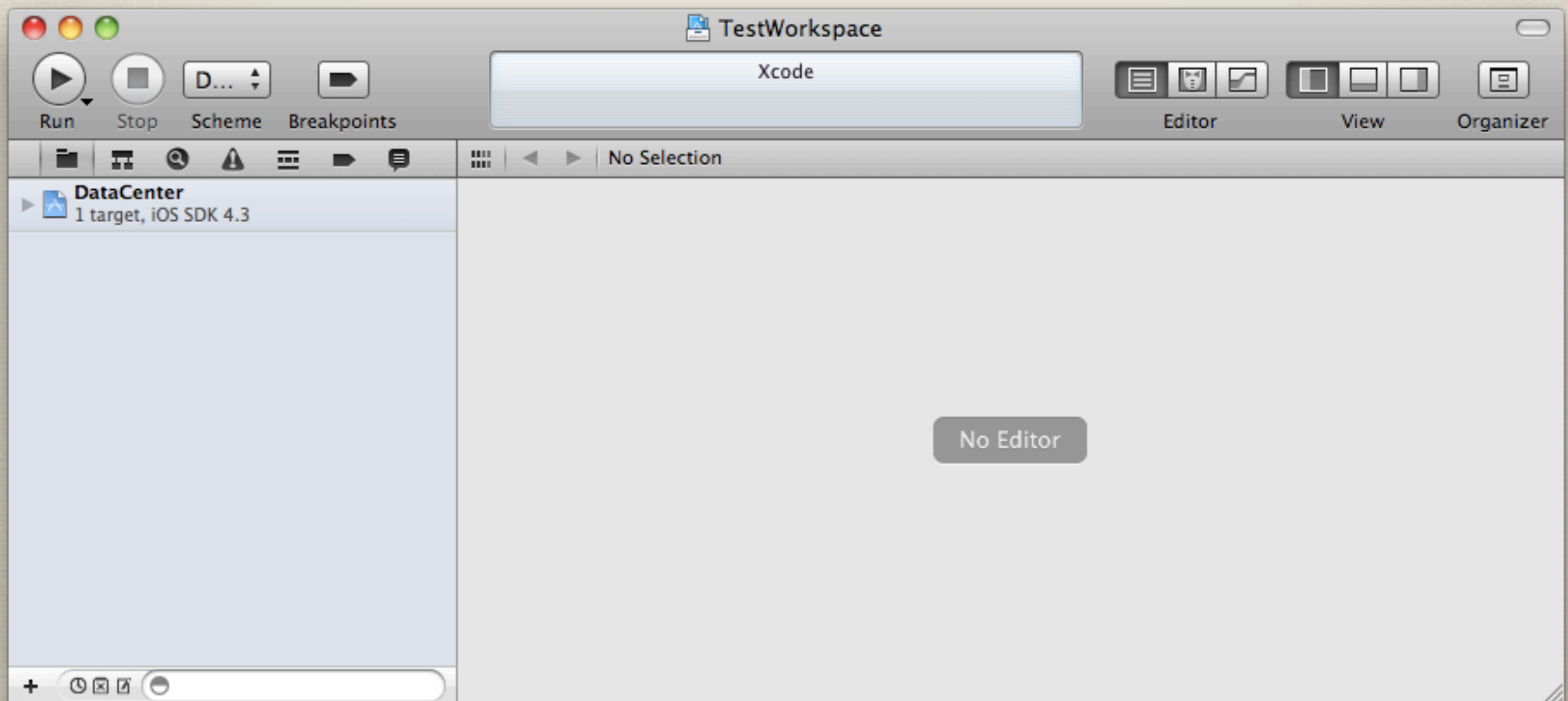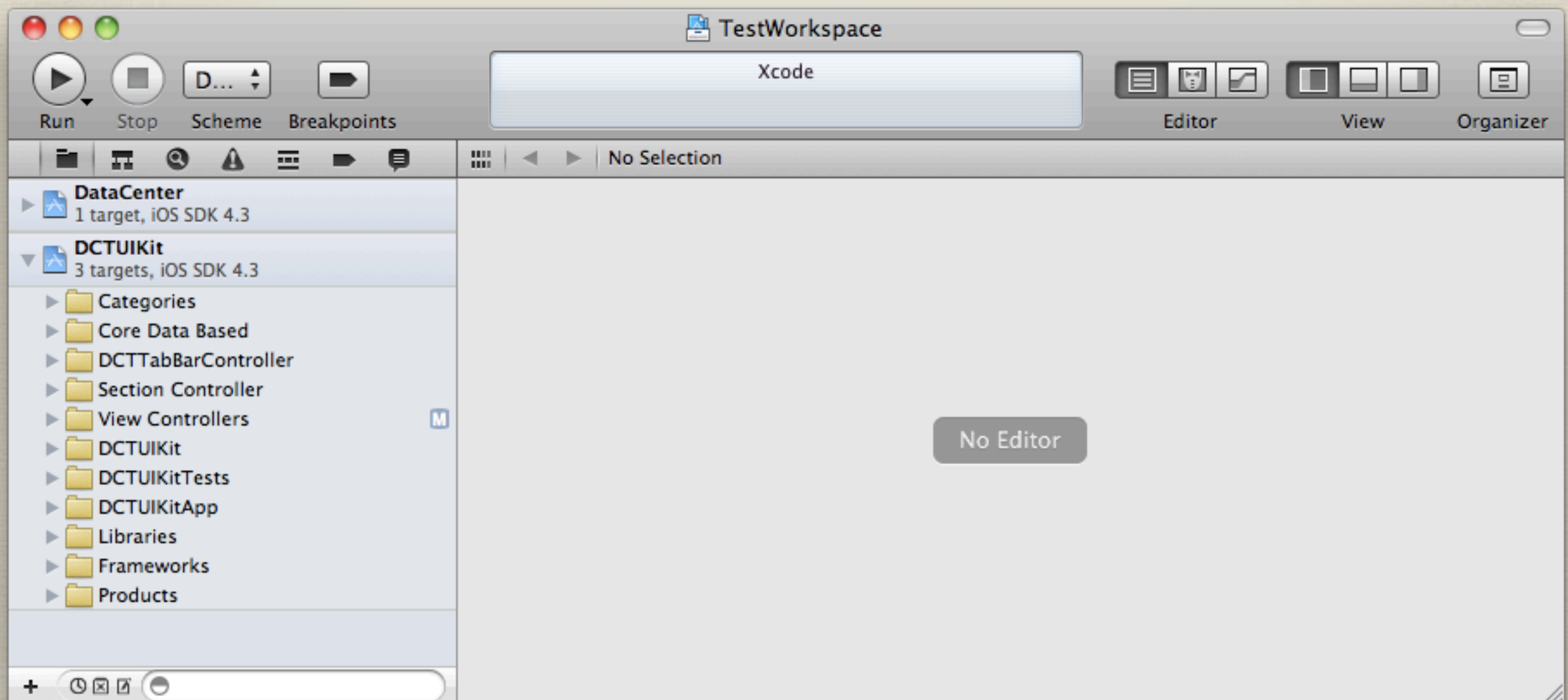A workspace cross compiles across multiple projects

Workspaces

Workspaces

Workspaces

Workspaces

WWDC 2010 Sessions

Session 300 - Developer Tools State of the Union

Session 314 - Building and Distributing Your App with Xcode 4

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