

Figure 17.1  
Create a document-based Mac OS app.

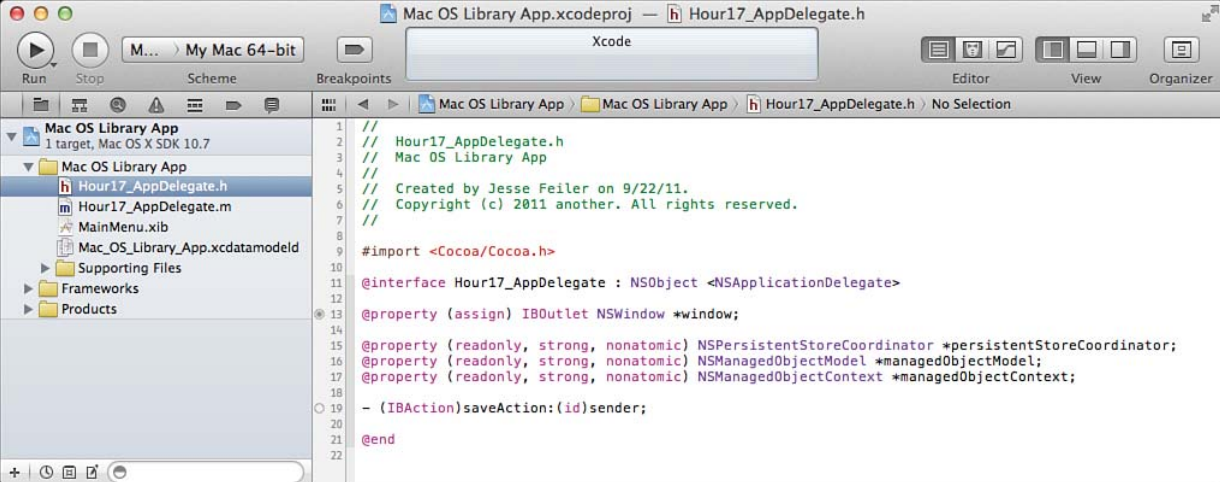


Figure 17.2  
The app delegate is created.

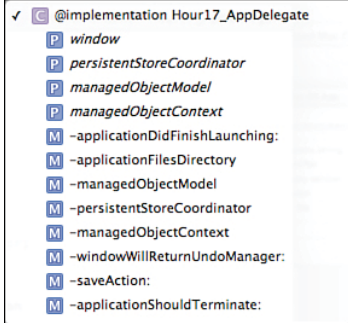


Figure 17.3

Use the jump bar in Xcode to see the structure of the implementation file.

Choose a template for your new project:

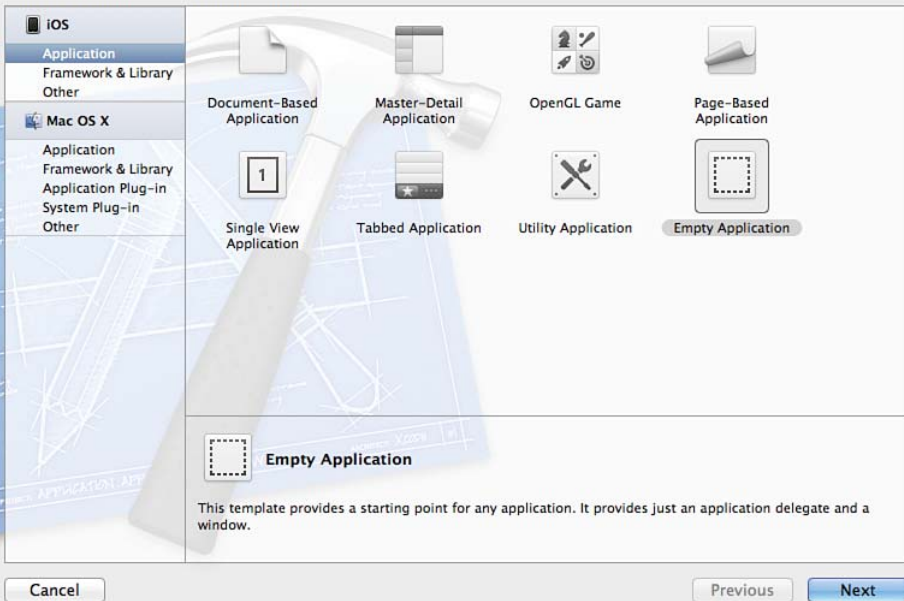


Figure 17.4  
Choose an iOS template that uses Core Data.

<b>C</b>	@implementation Hour17_AppDelegate
<b>P</b>	<i>window</i>
<b>P</b>	<i>managedObjectContext</i>
<b>P</b>	<i>managedObjectModel</i>
<b>P</b>	<i>persistentStoreCoordinator</i>
<b>Application Life Cycle</b>	
<b>M</b>	-application:didFinishLaunchingWithOptions:
<b>M</b>	-applicationWillResignActive:
<b>M</b>	-applicationDidEnterBackground:
<b>M</b>	-applicationWillEnterForeground:
<b>M</b>	-applicationDidBecomeActive:
<b>M</b>	-applicationWillTerminate:
<b>Application's Documents directory</b>	
<b>M</b>	-applicationDocumentsDirectory
<b>Core Data stack</b>	
<b>M</b>	-managedObjectContext
<b>M</b>	-managedObjectModel
<b>M</b>	-persistentStoreCoordinator
<b>Save and Undo</b>	
<b>M</b>	-saveContext

Figure 17.5

Use the jump bar to see the structure of the implementation file.

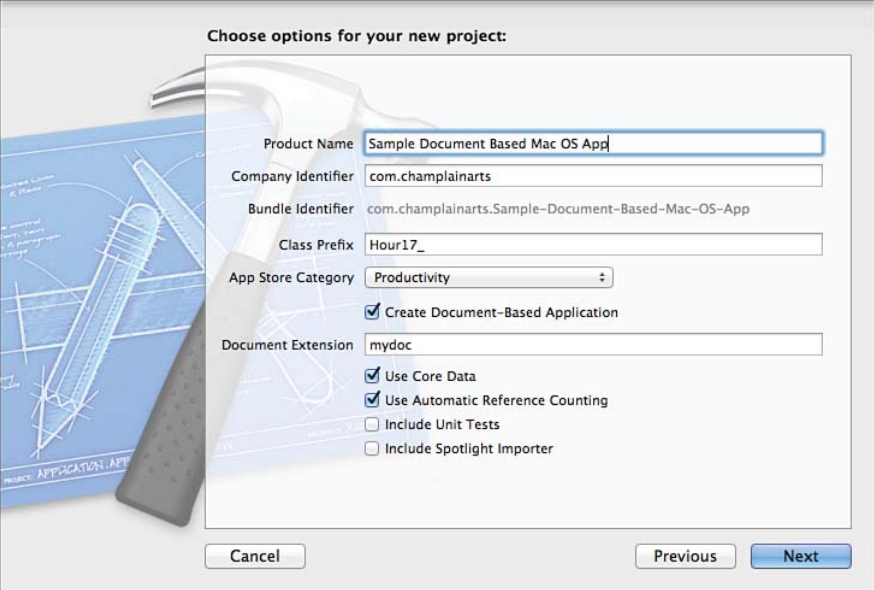


Figure 17.6  
Create a document-based Mac OS app.

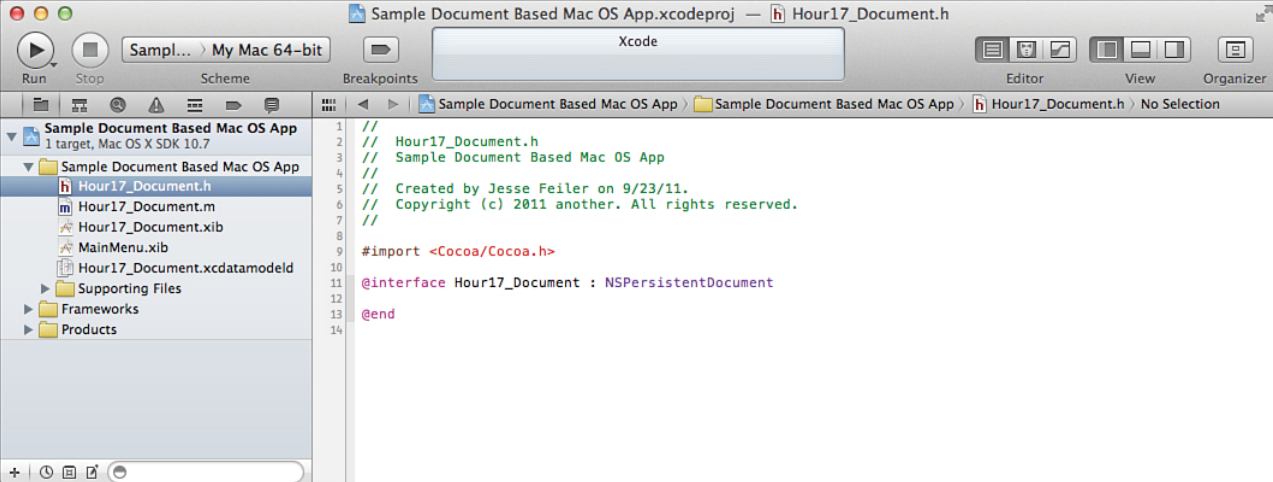


Figure 17.7

The project files are created by Xcode.

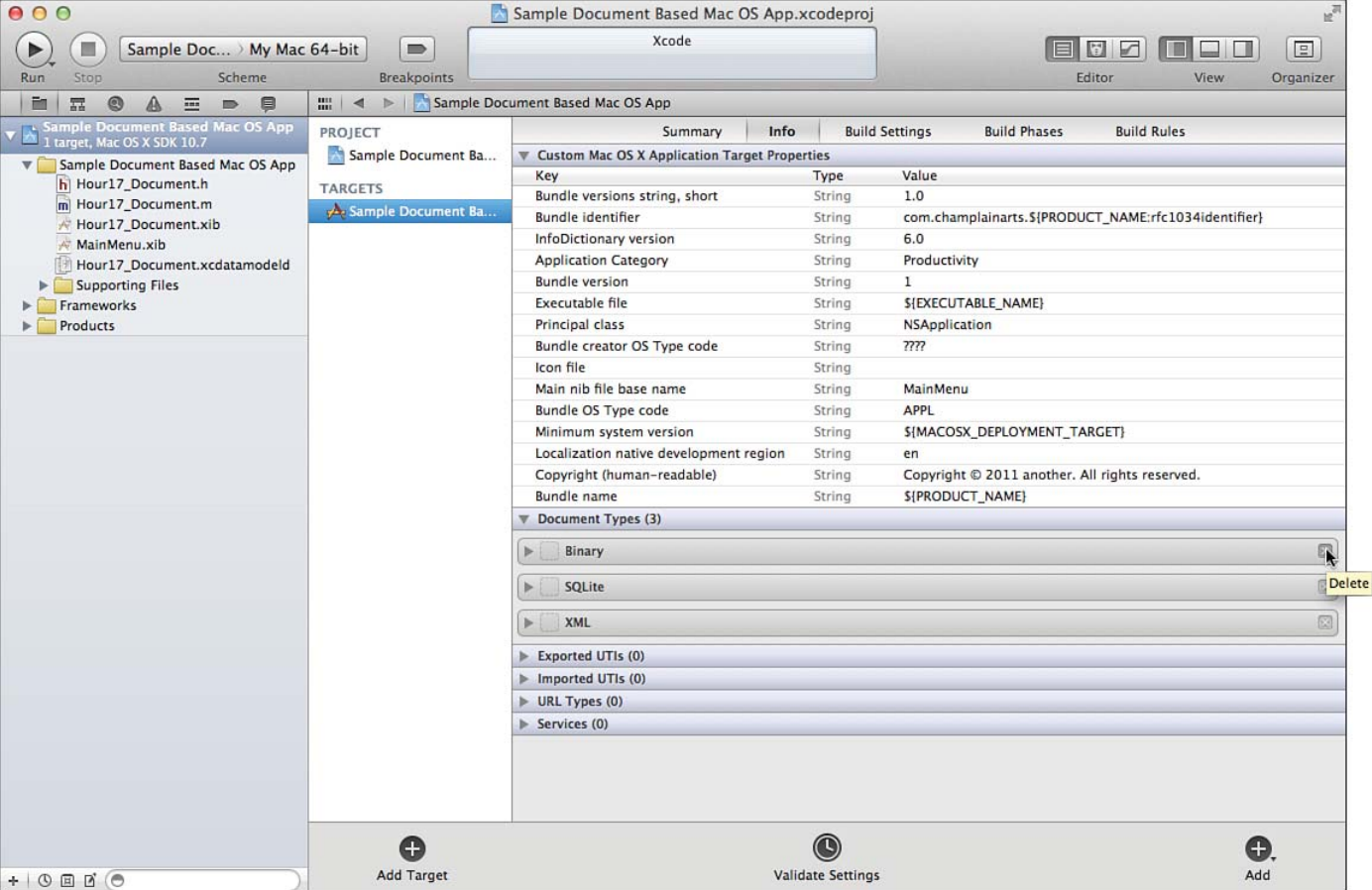


Figure 17.8  
Delete unnecessary document types.



C @implementation Hour17_Document	
<b>Application Life Cycle</b>	
M	-init
<b>Wiew/window Life Cycle</b>	
M	-windowNibName
M	-windowControllerDidLoadNib:
<b>Autosave and versions</b>	
✓ M	+autosavesInPlace
<b>Core Data stack</b>	
M	-customer
M	-setCustomer:

Figure 17.9

Review the implementation file structure from the jump bar.

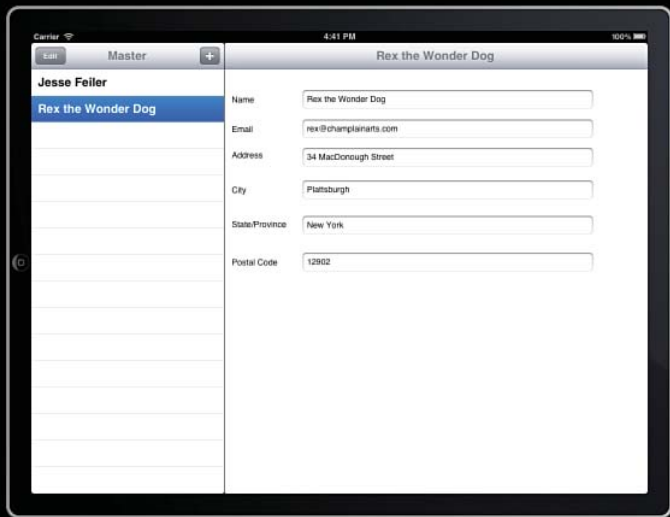
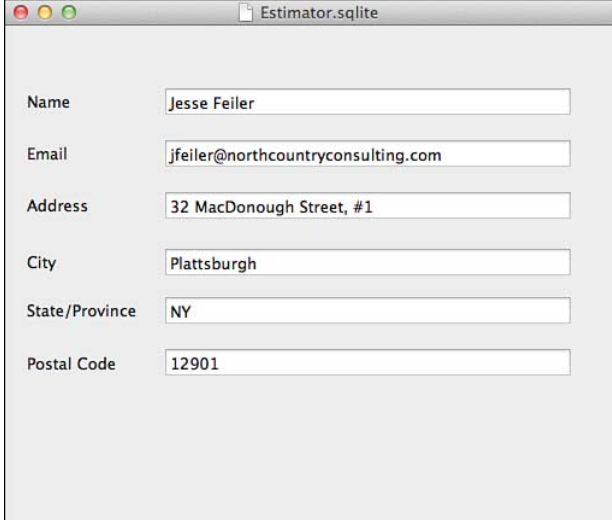


Figure 17.10  
Use a split view controller on iPad.



The image shows a screenshot of a Mac OS window titled "Estimator.sqlite". The window contains a form with six input fields, each with a label to its left. The data entered in the fields is as follows:

Field Label	Value
Name	Jesse Feiler
Email	jfeiler@northcountryconsulting.com
Address	32 MacDonough Street, #1
City	Plattsburgh
State/Province	NY
Postal Code	12901

Figure 17.11

The same data can be viewed and edited on Mac OS.

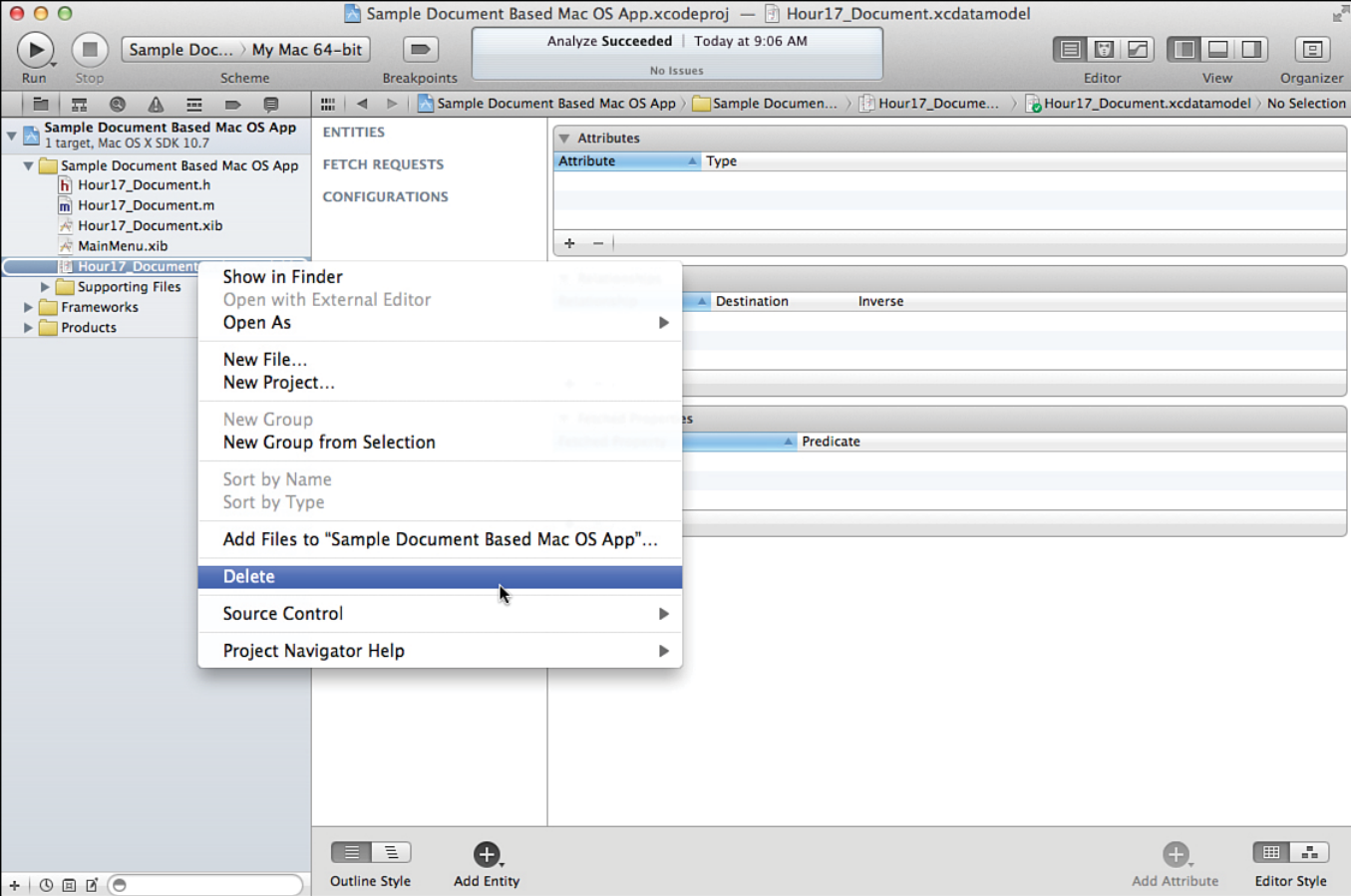


Figure 17.12  
Delete the existing data model.



Do you want to permanently delete the file  
"Hour17\_Document.xcdatamodel" from disk, or only  
remove the reference to it?

This operation cannot be undone. Unsaved changes will be lost.

Cancel

Remove Reference Only

Delete

Figure 17.13

Removing only the references is safest  
unless you already have a copy of the file.

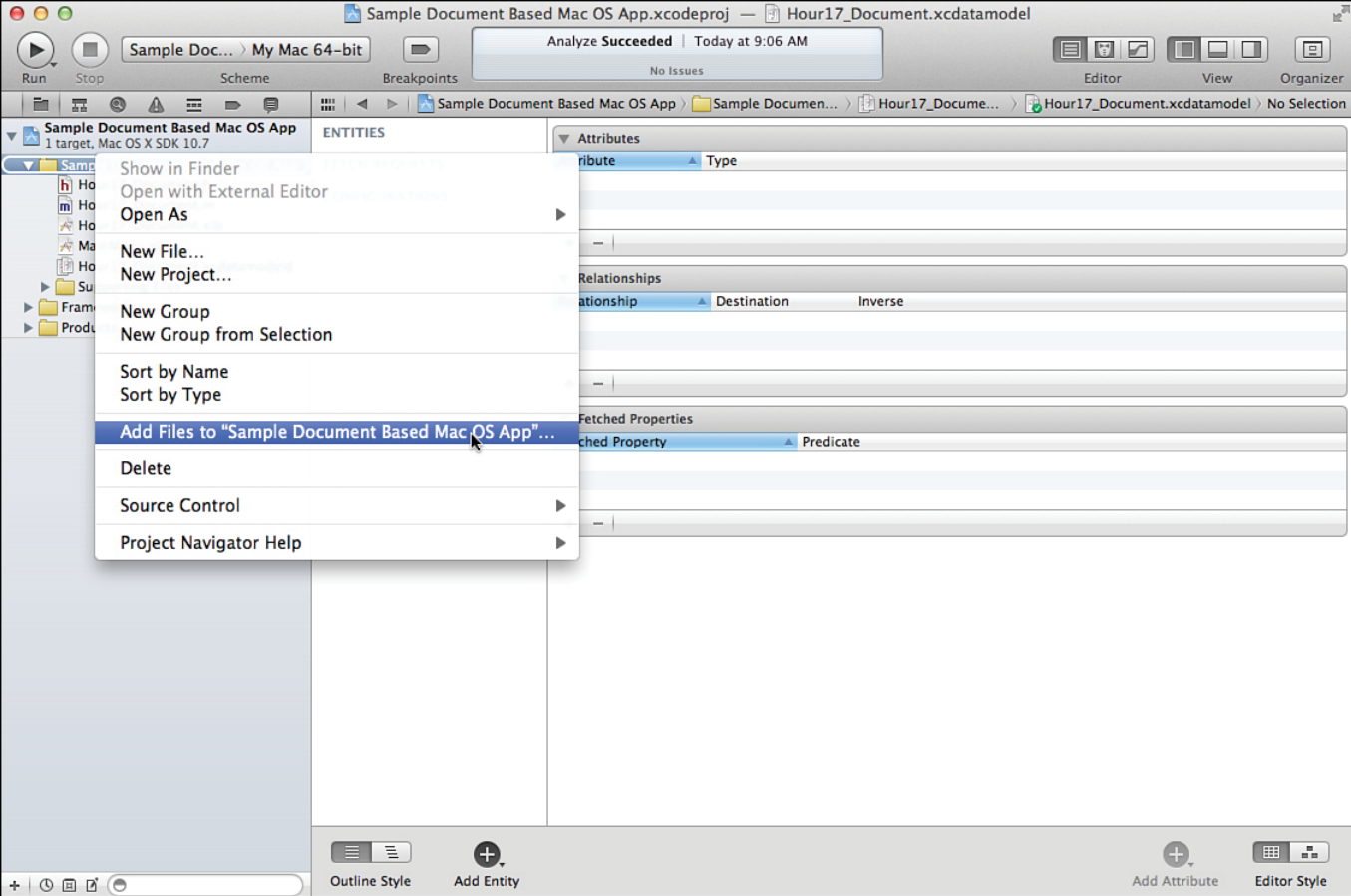


Figure 17.14  
Add the other data model file to the project.