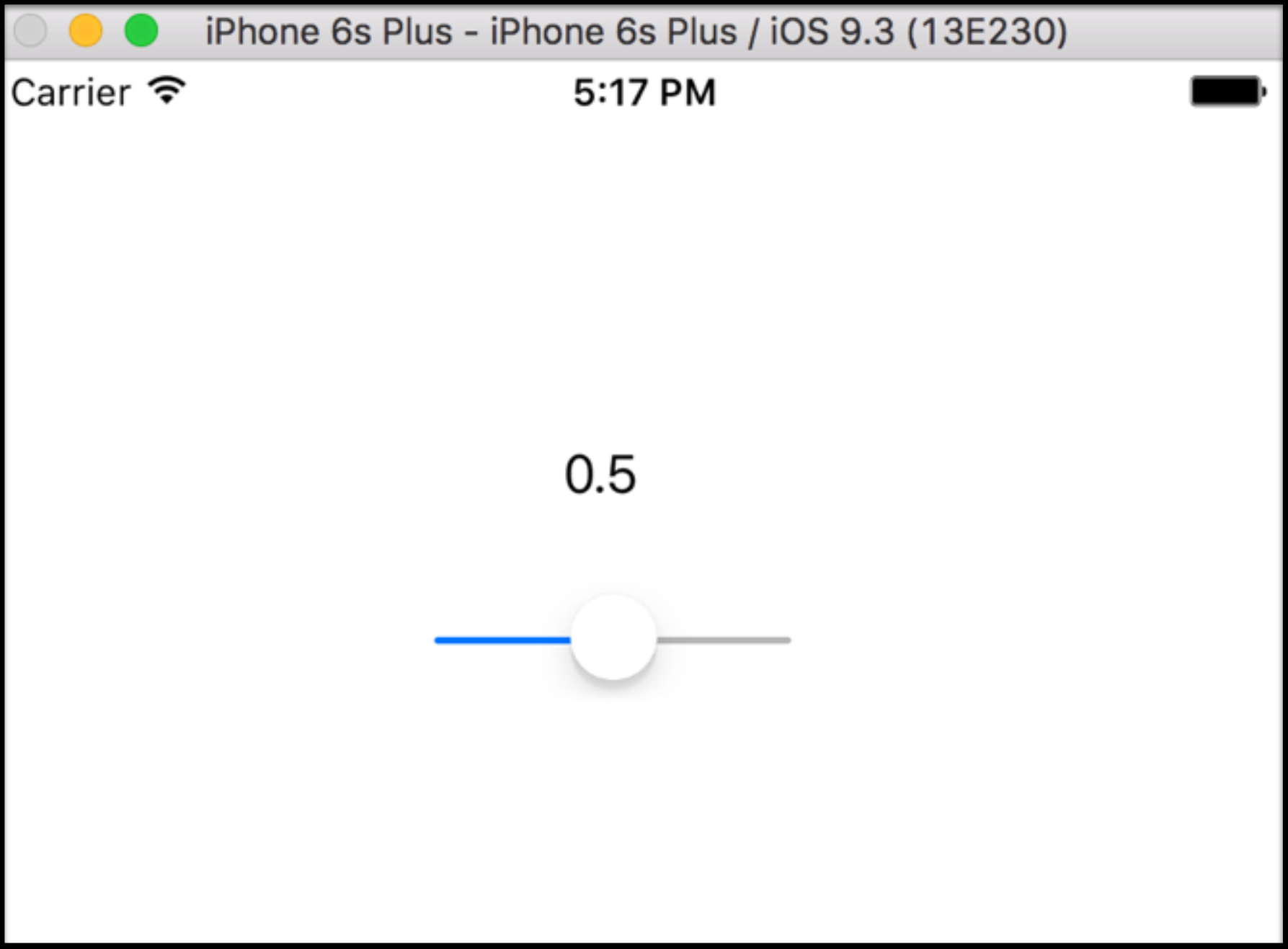


Ways to store data

- UserDefaults: KeyValue, Small data
- Core Data: Stores objects.

Use NSUserDefaults

First example is to save user setting.



```
@IBOutlet weak var label: UILabel!
@IBOutlet weak var slider: UISlider!
override func viewDidLoad() {
    super.viewDidLoad()
    // Do any additional setup after loading the view, typically from a nib.
    if let sliderValue = UserDefaults.standardUserDefaults().valueForKey("sliderValue") {
        slider.setValue(sliderValue as! Float, animated: true)
    } else {
        print("This is first app launch.")
    }
    updateValue(self)
}

override func didReceiveMemoryWarning() {
    super.didReceiveMemoryWarning()
    // Dispose of any resources that can be recreated.
}

@IBAction func updateValue(sender: AnyObject) {
    label.text = slider.value.description
    UserDefaults.standardUserDefaults().setValue(slider.value, forKey: "sliderValue")
}
```

Use Core Data

Choose a template for your new file:

iOS

Source

User Interface

Core Data

Apple Watch

Resource

Other

watchOS

Source

User Interface

Core Data

Resource

Other

tvOS

Source

User Interface

Core Data

Resource



Data Model



Mapping Model



NSManagedObj
ect subclass

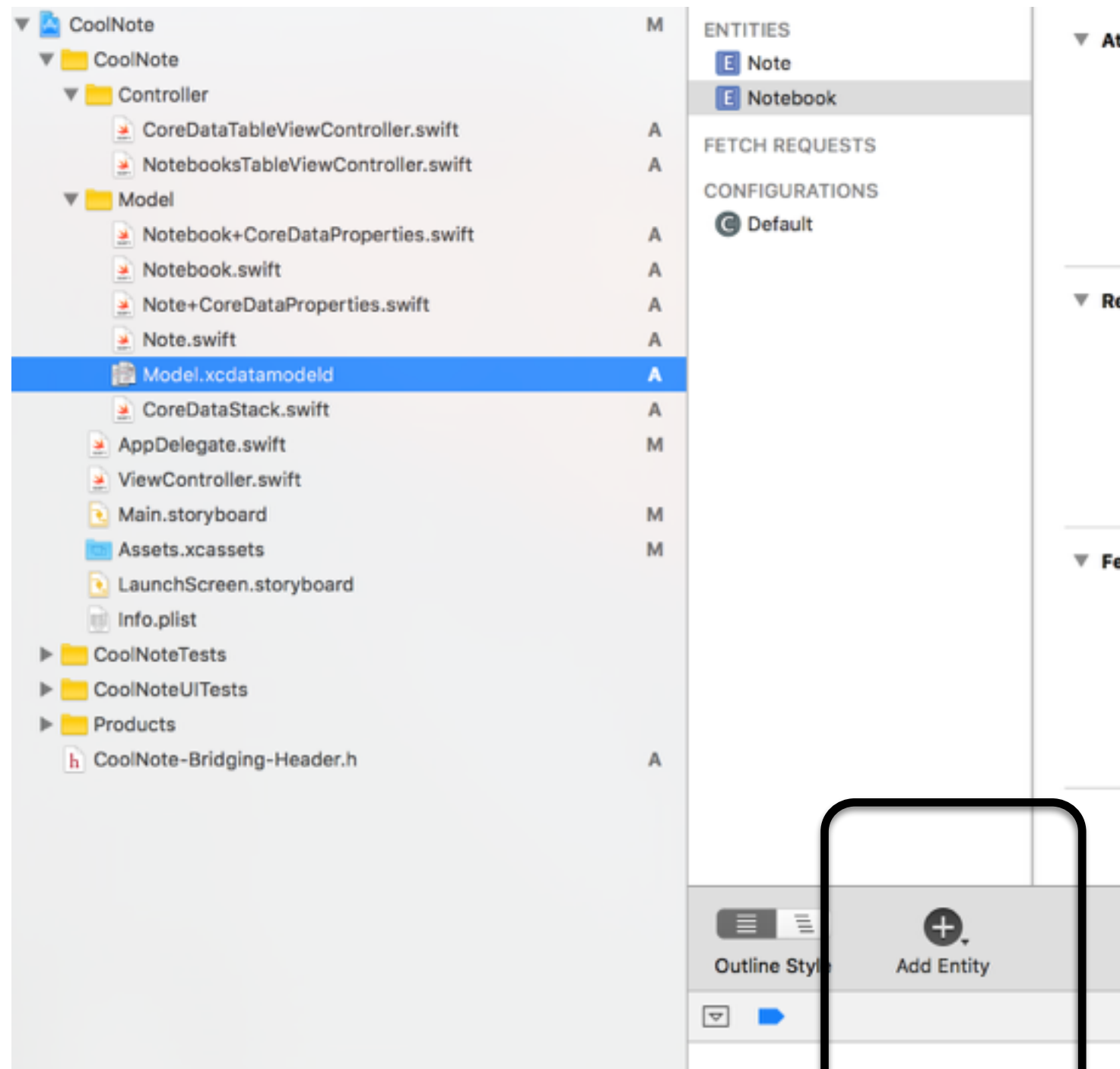
Data Model

A Core Data model file that allows you to use the design component of Xcode.

Cancel

Previous

Next



Create entity

ENTITIES

E Note

E Notebook

FETCH REQUESTS

CONFIGURATIONS

C Default

▼ Attributes

Attribute ^	Type	
D creationDate	Date	↕
S name	String	↕
+ -		

▼ Relationships

Relationship	Destination	Inverse ^
M notes	Note	↕ notebook ↕
+ -		

▼ Fetched Properties

Fetches Property ^	Predicate
+ -	

ENTITIES

E Note

E Notebook

FETCH REQUESTS

CONFIGURATIONS

C Default

Attributes

Attribute ^	Type	
D creationDate	Date	↕
S text	String	↕

+ -

Relationships

▼ Attributes

Attribute ^	Type	
D creationDate	Date	↕
S name	String	↕
+ -		

▼ Relationships

Relationship	Destination	Inverse ^
M notes	Note	↕ notebook ↕
+ -		

▼ Fetched Properties

Fetches Property ^	Predicate
--------------------	-----------

Relationship

Name

Properties ☐ Transient ☒ Optional

Destination

Inverse

Delete Rule

Type

Arrangement ☐ Ordered

Count ☐ Minimum

☐ Maximum

Advanced ☐ Index in Spotlight

☐ Store in External Record File

User Info

Key ^ Value

ENTITIES

E

Note

E

Notebook

FETCH REQUESTS

CONFIGURATIONS

C

Default

▼ Attributes

Attribute ^	Type
<div>D</div> creationDate	Date
<div>S</div> text	String
+ -	

▼ Relationships

Relationship	Destination	Inverse ^
<div>O</div> notebook	Notebook	<div>◇</div> notes <div>◇</div>
+ -		

▼ Fetched Properties

Fetches Property ^	Predicate
--------------------	-----------

Relationship

Name

notebook

Properties

☐ Transient

☒ Optional

Destination

Notebook

Inverse

notes

Delete Rule

Nullify

Type

To One

Advanced

☐ Index in Spotlight

☐ Store in External Record File

User Info

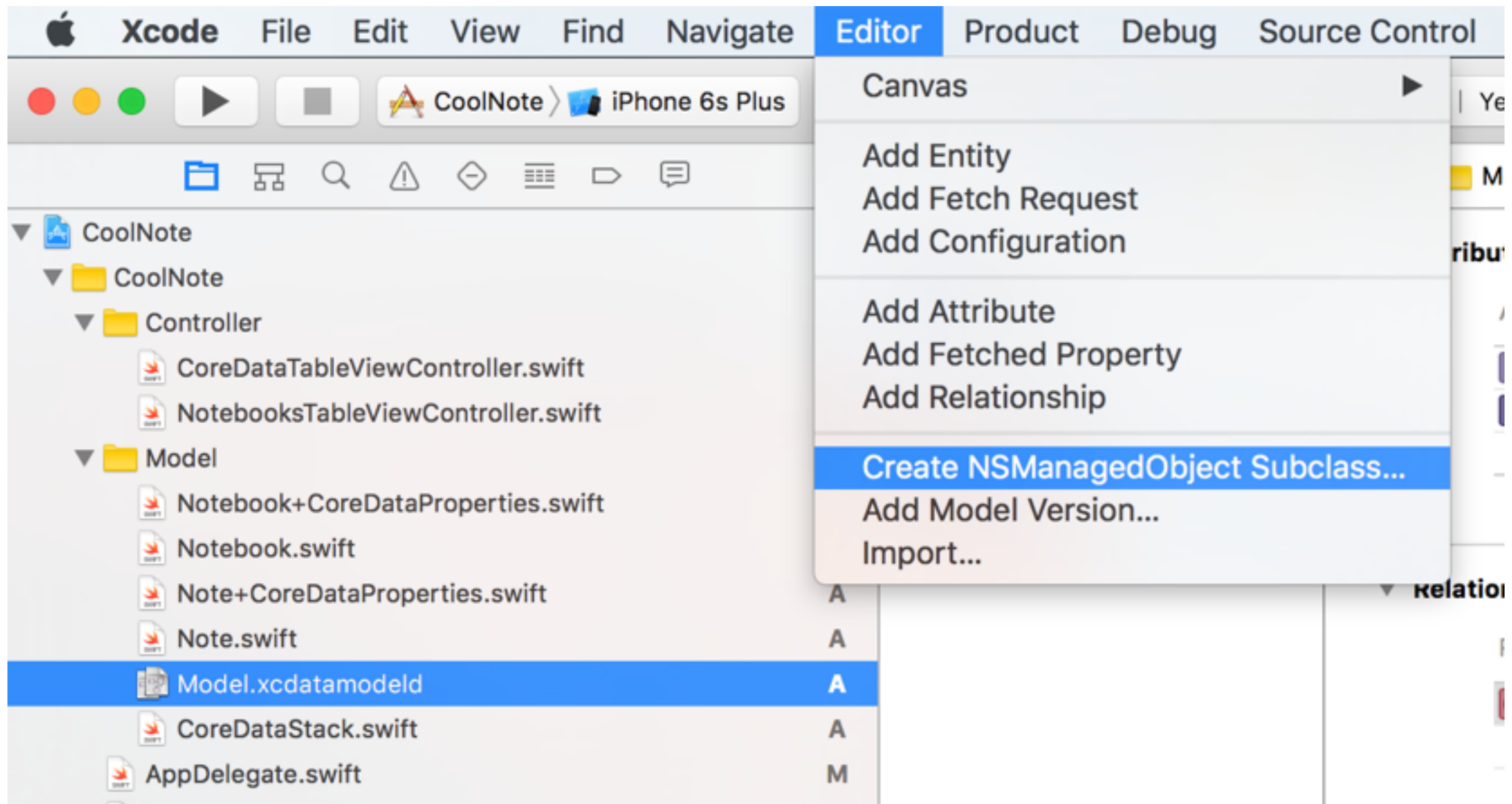
Key

^

Value

+ -

Versioning



Files are generated.

