



SPRINGBACK

Getting back to where you left off.

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Where were we?

Just because your app closes, doesn't mean
the user doesn't want to come back

Where were we?

no background apps \neq no multitasking

How do we get there?

Need to save the state on app close

How do we get there?

Need to load the saved state on app launch

Demo

Saving state

```
- (void)encodeToArchiver:(DTSpringBackArchiver *)  
archiver {  
    [super encodeToArchiver:archiver];  
    [archiver setObject:self.count forKey:@"count"];  
}
```

Loading State

```
- (id)initWithArchiver:(DTSpringBackArchiver *)
archiver {
    if (self = [super initWithArchiver:archiver]) {
        count = [archiver objectForKey:@"count"];
    }
    return self;
}
```


Wait...

Isn't this NSCodering?

Wait...

Yeah, pretty much

Wait...

TabBarController's `-encodeWithCoder:` method doesn't save the selected tab

Wait...

Wanted this to work with UIKit objects

SpringBack Save File

```
{  
  "DTSpringBackObject:003D5xxx24262" = {};  
  . . .  
  "DTSpringBackObject:63F30xxx6549D" = {};  
  DTSpringBackRootObject = "DTSpringBackObject:  
942FExxx4AD62";  
}
```

SpringBack Save File

```
"DTSpringBackObject:942FExxx4AD62" = {  
    class = UITabBarController;  
    selectedIndex = 2;  
    viewControllers = "DTSpringBackObject:055C9xxx38B25";  
};
```

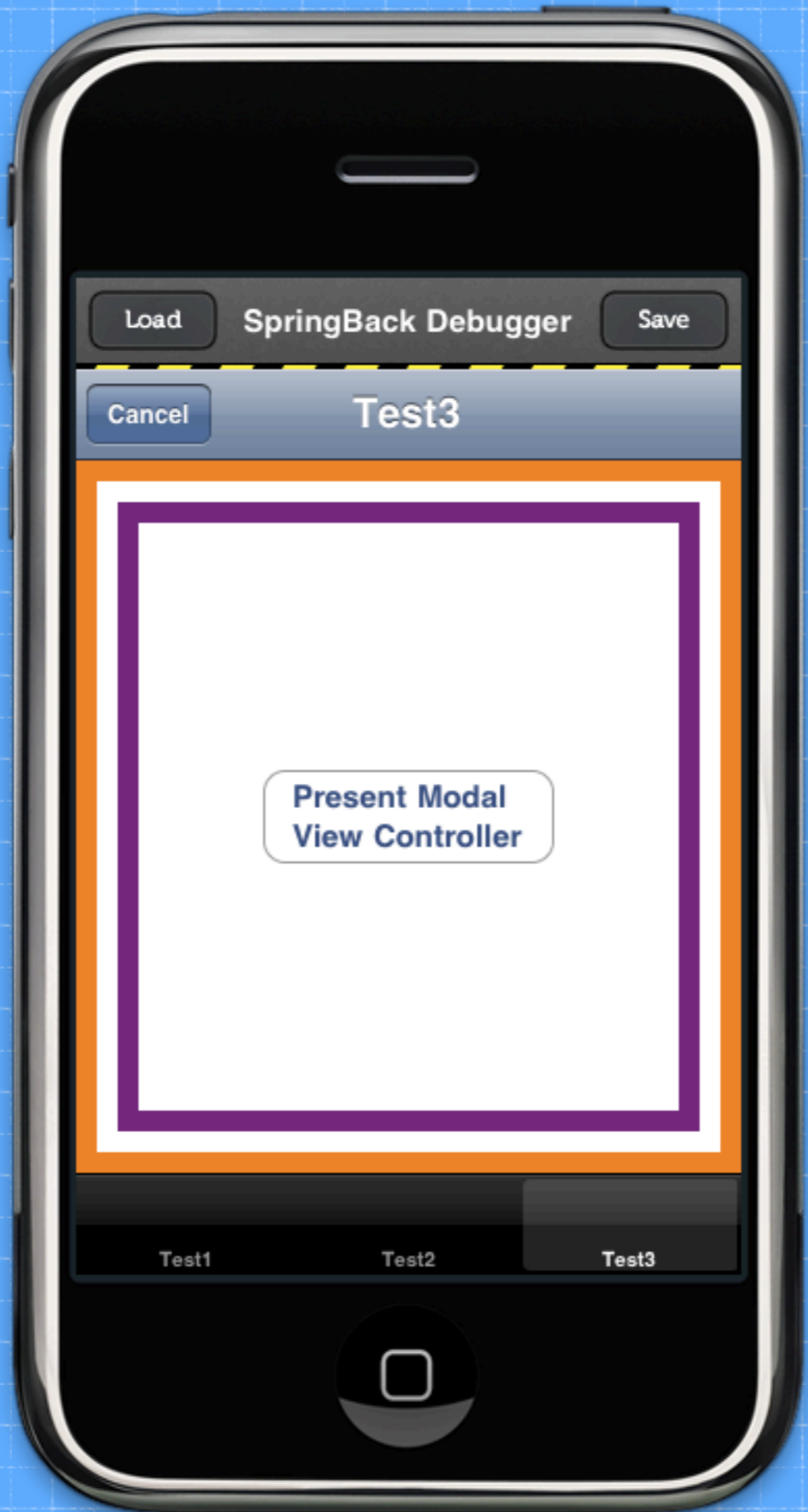
SpringBack Save File

```
"DTSpringBackObject:055C9xxx38B25" = {  
  0 = "DTSpringBackObject:7F56Dxxx85C78";  
  1 = "DTSpringBackObject:B5F67xxxF54A1";  
  2 = "DTSpringBackObject:8A478xxxE2DB5";  
  
  amount = 3;  
  
  class = NSArray;  
};
```

SpringBack Save File

```
"DTSpringBackObject:003D50F5xxx9CE24262" = {  
    class = UIViewController;  
    title = Test2;  
};
```


SpringBack Debug Mode



Load

SpringBack Debugger

Save

Cancel

Test3

Present Modal
View Controller

Test1

Test2

Test3

Thank you

bitbucket.org/danielctull