Different Transitions iOS Segue - Left to Right



Professional Practice II Spring 2019 Daria Tsoupikova Sabine Krauss

Default "show" transitions for new seque trasitions new ViewController from the bottom to the top. If you want horizontal transitions (Left to Right and Right to Left) you need to include new Swift class SegueFromLeft and assign it as a custom transition.

This is perfect to introduce more detailed contant in the form of Forward/backward transitions (example: (slide over) from left to right or from right to left.

To create horizontal transitions:

Create new Swift file named "SegueFromLeft". Save it next to your storyboard in your project folder. Copy and paste the following swift code:



```
Import UIKit
class SegueFromLeft: UIStoryboardSegue {
    override func perform() {
        let src = self.source
        let dst = self.destination
```

src.view.superview?.insertSubview(dst.view, aboveSubview: src.view)
dst.view.transform = CGAffineTransform(translationX: -src.view.frame.size.width, y: 0)
/*For the FromRight transition remove minus (-) before -src to turn the direction 180 degrees as in the following example:

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Four Storyboard Template M	2	import UIKit	
Four Storyboard Template	3	<pre>class SegueFromLeft: UIStoryboardSegue {</pre>	
Student 4	4	<pre>override func perform() {</pre>	
Student4Storyboard.storyboard M	5	<pre>let src = self.source</pre>	
Student 2	6	let dst = self.destination	
Student 3	7		
Student3ViewController.swift	8	<pre>src.view.superview?.insertSubview(dst.view. aboveSubview:</pre>	
Student 2		src view)	
Student2Storyboard.storyboard M	0	dst view transform = CGAffineTransform(translationX:	
SegueFromLeft.swift A		- src view frame size width v: 0)	
Student2ViewController.swift	10	/*Ear the From Dight transition remove minus (-) before -src to turn	
K1	10	the direction 190 degrees as in the following example:	
Student1Storyboard M	11	the direction is degrees as in the fortowing example.	
Monuments.swift	10	det wiew twensform - 000ffineTrensform(twenslationVe	
Student1ViewController swift	12	dst.view.transform = CGATTINeTransform(translationX:	
MonumentInfoViewController.swift		src.view.trame.size.width, y: 0)	
MonumentsViewController.swift	13	***************************************	
InformationViewController.swift	14	UIView.animate(withDuration: 0.25,	
Main Group	15	delay: 0.0,	
💽 Main.storyboard	16	<pre>options: .curveEaseInOut,</pre>	
MainViewController.swift	17	animations: {	
AppDelegate.swift	18	dst.view.transform =	
SceneDelegate.swift		CGAffineTransform(translationX:	
Assets.xcassets M		0, y: 0)	
	19	},	
Products	20	completion: { finished in	
	21	<pre>src.present(dst, animated: false,</pre>	
		completion: nil)	
	22	}	
	23		

Select existing seque you want to modify. In the inspector change class to SegueFromLeft

Kind: Custom

Test the transitions



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Student4ViewController.swift	→ Storyboard Entry Point								Inherit Modul	e From Target
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Student3ViewController.swift									ustom	<u> </u>
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Student1Storyboard.storyboard M	View Controller Scone				Ninh-					
Monuments.swift					and the second s	200				
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Student1ViewController.swift					tone at the					
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MonumentsViewController.swift					Our History					
InformationViewController.swift					Before Mrs. Charles (Catherine Durk	ee died in				
Main Group					1838, she requested that she be burie north end of what is now Green Ridg	d at the e Cemetery.				
Nain.storyboard		\rightarrow	Our History		acres of land around his wife's grave t	o the city				
MainViewController.swift					burials dating back to 1826, and proba	bly before				
AppDelegate.swift			Notable Kenoshans		On September 20, 1906, a meeting wa	is held at the				
SceneDelegate.swift					Court House for the purpose of form plan for the organization of a Cemete	iulating a ry				
Assets.xcassets M			Monuments of Interest							
LaunchScreen.storyboard										
Info.plist										
Products										
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To revert the transition from Right to Left uncomment the code in multiple line comments or Simply remove minus sign from before the –src to revert the direction:

Change this: src.view.superview?.insertSubview(dst.view, aboveSubview: src.view) dst.view.transform = CGAffineTransform(translationX: -src.view.frame.size.width, y: 0)

TO this: src.view.superview?.insertSubview(dst.view, aboveSubview: src.view) dst.view.transform = CGAffineTransform(translationX: src.view.frame.size.width, y: 0)

Compile and test

