移动平台开发 _{实验课}—:第一个SwiftUI项目



2025春夏学期





Xcode配置好的环境

First SwiftUI Project

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Xcode创建项目

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First SwiftUI Project









Xcode创建项目

First SwiftUI Project

实验课一:第一个SwiftUI项目

Multiplatform iOS	macOS watchOS	tvOS visionOS	DriverKit Other	Filter
Application				
Арр	Document App	Game	Augmented Reality App	App Playground
	Å.			
Sticker Pack App	iMessage App	Safari Extension App		
Framework & Libra	ary			
	ÎIII			
Framework	Static Library	Metal Library		







Xcode创建项目

First SwiftUI Project

Product Name

Team

Organization Identifier

Choose options for your new project:

Bundle Identifier

Interface

Language

Storage

实验课一: 第一个SwiftUI项目

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SwiftUI 📀

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 HelloWorld HelloWorldApp ContentView Assets Preview Content HelloWorldTests HelloWorldUITests HelloWorldUITests HelloWorldUITests HelloWorldUItsLaunchTests 	<pre></pre>

文件树

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✓ ➡ HelloWorld	1 //
🔌 HelloWorldApp	2 // ContentView.swift 3 // HelloWorld
ScontentView	4 //
🖾 Assets	5 // Created by lab509 on 2025/2/25.
> 🚞 Preview Content	6 //
✓ ➡ HelloWorldTests	8 import SwiftUI
🄌 HelloWorldTests	9
HelloWorldUITests	10 struct ContentView: View {
🄌 HelloWorldUITests	12 VStack {
🄌 HelloWorldUItsLaunchTests	13 Image(systemName: "globe")
	14 .imageScale(.large)
	16 Text("Hello, world!")
	17 }
	18 .padding()
	20 }
	21
	22 #Preview {
	23 ContentView() 24 }
	25
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	A HelloWorld A HelloWorld A Pro
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预览区

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详细属性区

App项目开发环境

First SwiftUI Project

	HelloWorld HelloWorld > iPhone 15 Pro
	ContentView
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✓ ➡ HelloWorld	1 //
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ContentView	4 //
 ContentView Assets Preview Content HelloWorldTests HelloWorldUITests HelloWorldUITests HelloWorldUITests HelloWorldUItsLaunchTests 	<pre>4 // 5 // Created by lab509 on 2025/2/25. 6 // 7 8 import SwiftUI 9 10 struct ContentView: View { 11 var body: some View { 12 VStack { 13 Image(systemName: "globe") 14 .imageScale(.large) 15 .foregroundStyle(.tint) 16 Text("Hello, world!") 17 } 18 .padding() 19 } 20 } 21 22 #Preview { 23 ContentView() 24 } 25 </pre>
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		HelloWorld: Ready Today at 16:47		+				
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实验课一: 第一个SwiftUI项目

Xcode断点调试

First SwiftUI Project

要启用断点调试很简单,只需要在代码行数附近 单击,就会出现一个蓝色的箭头。运行程序,当 程序执行到这一行代码时,程序暂停,断点调试 界面会显示当前各变量的值,如下图所示:

9	
10 fun	<pre>c printOK()</pre>
11 {	
12	var a = 0
13	for i in 0<10
14	{
15	a += i
16	}
17	<pre>print("OK")</pre>
18	print("a的数值是: " + Str
19 }	
20	

实验课一: 第一个SwiftUI项目

cing(a))

7									
8	<pre>import SwiftUI</pre>								
9 10	func $printOK()$								
10	{								
12	var a = 0 Thread 1: breakpoint 1.1 (1)								
13	for i in 0<10								
14	{								
15	a += i								
16	}								
17	<pre>print("OK")</pre>								
18	print("a的数值是: " + String(a))								
19	}								
20									
21	<pre>struct ContentView: View {</pre>								
22	<pre>var body: some View {</pre>								
23	VStack {								
24	Button(action: {								
20)								
20	, , , , , , , , , , , , , , , , , , ,								
27	、 Text("运行")								
20	<pre>} huttonStyle(horderedProminent)</pre>								
30	}								
31	.padding()								
32	}								
33	}								
34									
35	#Preview {								
36	ContentView()								
37	}								
38									
									
]▷ △ ≚ ፲ 10 ≫ 诺 イ 🖾 CourseDemo2024)	U Thi							
V column = (Int) 1									
> V fileID (String)									
V line = (Int) 35									

更多细节参阅文档

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