



FREE eBook

LEARNING Xamarin.iOS

Free unaffiliated eBook created from
Stack Overflow contributors.

[#xamarin.io](https://xamarin.io)

S

Table of Contents

About.....	1
Chapter 1: Getting started with Xamarin.iOS.....	2
Remarks.....	2
Versions.....	2
Examples.....	2
Get Started in Xamarin Studio.....	2
Get Started in Visual Studio.....	6
Hello, World.....	12
Chapter 2: Add PullToRefresh to UITableView.....	16
Remarks.....	16
Examples.....	16
Adding UIRefreshControl to UITableView.....	16
Chapter 3: Add Search Bar to UITableView.....	18
Remarks.....	18
Examples.....	18
Add UISearchBar to UITableView.....	18
Chapter 4: Adding UIRefreshControl to a table view.....	20
Examples.....	20
Adding a UIRefreshControl to a TableView.....	20
Chapter 5: Adding UIRefreshControl to a table view.....	21
Examples.....	21
Addind a simple UIRefreshControl to a UIScrollView.....	21
Style 1:.....	21
Style 2:.....	21
Style 3:.....	21
Chapter 6: Alerts.....	23
Examples.....	23
Display an Alert.....	23
Display a login alert.....	23
Display an Action Sheet.....	24

Display Modal Alert Dialog.....	24
Chapter 7: Auto Layout in Xamarin.iOS.....	26
Examples.....	26
Adding Constraints With iOS 9+ Layout Anchors.....	26
Adding Constraints Using Visual Format Language (VFL).....	26
Using Cirrious.FluentLayout.....	26
Adding Constraints with Masonry.....	27
Chapter 8: Best practices for migrating from UILocalNotification to User Notifications fra.....	29
Examples.....	29
UserNotifications.....	29
Chapter 9: Binding Swift Libraries.....	30
Introduction.....	30
Remarks.....	30
Examples.....	30
Binding a Swift Library in Xamarin.iOS.....	30
1.1 Prepare the Swift classes you want to export.....	30
1.2 Build the framework.....	31
2. Create a fat library.....	33
3. Import the library.....	35
4. Create the ApiDefinition based on LIBRARY-Swift.h file inside headers.....	36
5. Change all [Protocol] and [BaseType] to include the class' name in Objective-C runtime.....	37
6.1 Include all Swift dependencies to run.....	38
6.2. Finding out which Swift dependencies to include.....	40
7. Include SwiftSupport to push App to AppStore.....	41
Remarks.....	44
Disclaimer.....	45
Chapter 10: Calculating variable row height in GetHeightForRow.....	46
Remarks.....	46
Examples.....	46
Using GetHeightForRow.....	46
Chapter 11: Concurrent Programming in Xamarin.iOS.....	50

Examples.....	50
Manipulating UI from background threads.....	50
Using Async and await.....	50
Chapter 12: Connecting with Microsoft Cognitive Services.....	52
Remarks.....	52
Examples.....	52
Connecting with Microsoft Cognitive Services.....	52
Chapter 13: Controlling the Screenshot in the iOS Multitasking Switcher.....	58
Introduction.....	58
Remarks.....	58
Examples.....	58
Show an Image for Snapshot.....	58
Chapter 14: Create and use custom prototype table cells in xamarin.iOS using storyboard.....	59
Examples.....	59
Create custom cell using Storyboard.....	59
Chapter 15: How to use asset Asset Catalogs.....	63
Examples.....	63
Using Asset Catalogs.....	63
Chapter 16: Resizing Methods for UIImage.....	64
Examples.....	64
Resize Image - with Aspect Ratio.....	64
Resize Image - without Aspect Ratio.....	64
Crop Image without Resize.....	64
Chapter 17: Touch ID.....	66
Parameters.....	66
Remarks.....	66
Examples.....	67
Add Touch ID to your App.....	67
Using Keychain.....	69
Chapter 18: UIImageView zoom in combination with UIScrollView.....	71
Remarks.....	71

Examples.....	71
Double Tap.....	71
Pinch gesture zoom.....	71
Chapter 19: Using Asset Catalogs.....	73
Examples.....	73
Adding image assets to asset catalog.....	73
Chapter 20: Using iOS Asset Catalogs to Manage Images.....	76
Remarks.....	76
Examples.....	76
Loading an asset catalog image.....	76
Managing Images in an asset catalog.....	76
Adding Asset Catalog images in storyboard.....	77
Chapter 21: Working with Xib and Storyboards in Xamarin.iOS.....	78
Examples.....	78
Opening Xib/Storyboard in Xcode Interface Builder instead.....	78
Chapter 22: Xamarin iOS Google Places Autocomplete.....	79
Introduction.....	79
Examples.....	79
Add an autocomplete UI control with results controller.....	79
Chapter 23: Xamarin.iOS Navigation Drawer.....	84
Syntax.....	84
Examples.....	84
Xamarin.iOS Navigation Drawer.....	84
Credits.....	89

[Click here to download full PDF material](#)