

Xamarin

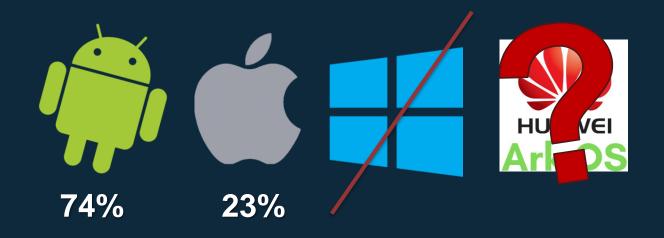




- 1) Mobile OS market
- 2) Web Apps/Native Apps
- 3) What is Xamarin
- 4) Architecture
- 5) Advantages
- 6) Xamarin Products
- 7) Xamarin.Forms



Mobile OS market







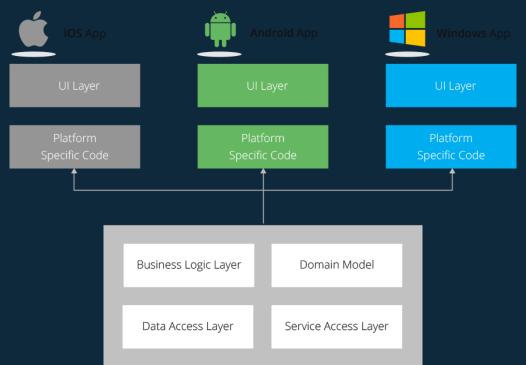
- Microsoft Company
- Cross-Platform Development Tool
- C#-shared codebase

Xamarin apps look and feel native because they have,

- 1. Native User Interfaces
- 2. Native API Access
- **3.** Native Performance











- Native User Interface
- Native Performance
- Native Look and Feel
- Shared Code Across Platforms
- C# & .NET Framework



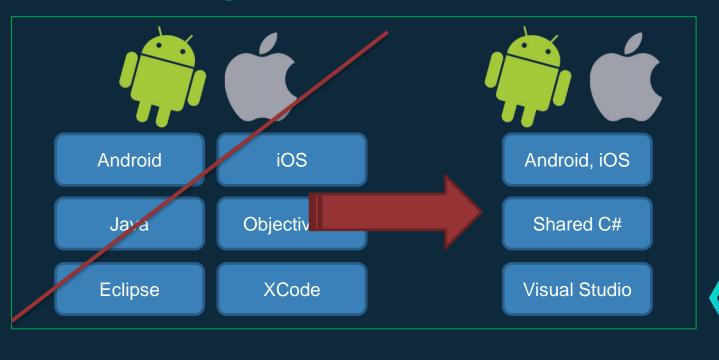














- License cost
- Incompatibility with latest version of various platforms
- Limited Access to Open Source Libraries
- Component documentation
- Xamarin Community Support





C#

Windows APIs

- Windows.Storage
- Windows, Foundation
- Microsoft.Devices
- System,Xml
- System,Ling
- System.IO
- System
- System.Net
- Microsoft.Phone
- Windows.Networking

C#

iOS APIs

- iBeacon
- CoreGraphics
- CoreMotion
- System.Xml
- System.Linq
- System.IO
- System
- System.Net
- MapKit
- UIKit
- iBeacon

C#

Android APIs

- Printing Framework
- Renderscript
- NFC
- System.Xml
- System.Linq
- System.IO
- System
- System.Net
- Text-to-speech
- ActionBar





- Xamarin.iOS since 2011
- Xamarin.Android since 2011
- Xamarin.Mac since 2012
- Xamarin.Forms since 2014
- Xamarin Test Cloud
- Xamarin for Visual Studio





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What is Xamarin.Forms

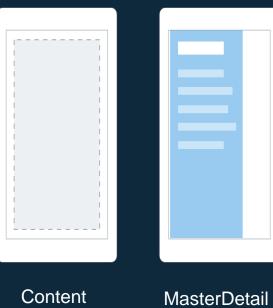


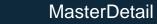
Xamarin.Forms





Pages



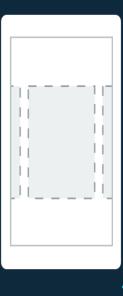




Navigation



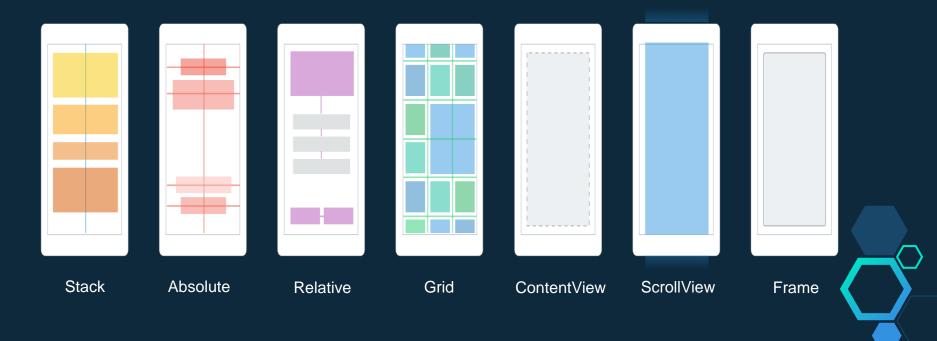
Tabbed



Carousel



Layouts



Controls

ActivityIndicator

BoxView

Button

DatePicker

Editor

Entry

Image

Label

ListViev

Map

OpenGLView

Picker

ProgressBar

SearchBai

Slider

Stepper

TableView

TimePicke

WebView

EntryCell

ImageCell

SwitchCell

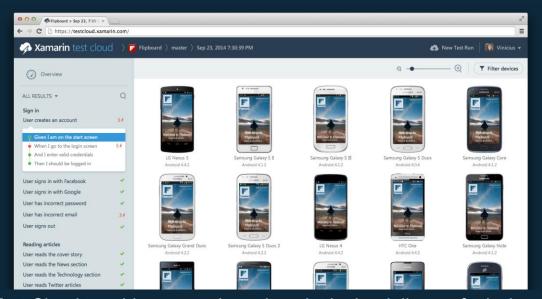
TextCell

ViewCell



Xamarin – Test Cloud

- Nunit
- Cucumber
- 1000 \$/Month
- 200h



"We built Xamarin Test Cloud to address a major pain point in the delivery of mission-critical apps for enterprises and top mobile app companies"

Nat Friedman (CEO of Xamarin)



Pricing

			MOST POPULAR	
	STARTER FREE	INDIE \$299 Per platform, per year	BUSINESS \$999 Per platform, per year	ENTERPRISE \$1899 Per platform, per year
Permitted Use	Individual	Individual	Organization	Organization
Deploy to Device	②	0	Ø	Ø
Xamarin Studio	•	0	Ø	Ø
Unlimited App Size		0	Ø	•
Visual Studio Support			Ø	•
Business Features			②	•
Premium Components				•
Email Support			②	•
One Business Day SLA				•
Hotfixes				•
Technical Kick-off Session				Ø
Code Troubleshooting			At Extra Cost	At Extra Cost





