

Focus on what really matters

Xamarin

Focus on what really matters

Disclaimer

feelingram

```
var app;
if (this.HasAndroid)
    app = GooglePlay.Download("Feelingram")
else if (this.HasIOS)
    app = AppStore.Download("Feelingram")
else
    throw new ArgumentException("Windows user")

while(true)
    app.UploadSelfie()
```

01 INTRO

The **need** for rapid mobile development

02

NATIVE DEVELOPMENT

- Vendor's tools
- Efficient (if used wisely)
- Anything can be done

sounds awesome, but...

03 ...YOU REPEAT YOURSELF

Android

- Activity
- xml
- ACTION_IMAGE_CAPTURE
- OkHttp
- ImageView

iOS

- UIViewController
- xib/storyboard
- UIImagePickerController
- NSURLRequest
- UIImage

04 YOU REPEAT YOURSELF

- too much work on stuff which **doesn't really matter to the business**
- you need to know too much about **two technologies** to do the same twice
- you are probably **missusing qualified people's time**
- most likely you will need **two teams**
- **divergent** solutions

05

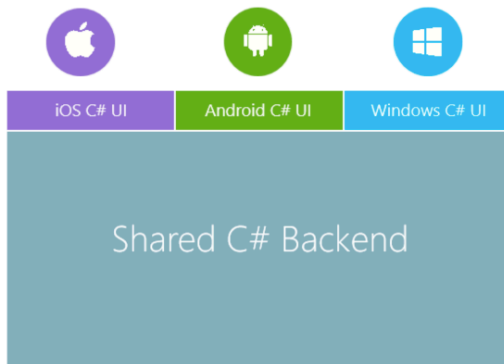
WHAT ABOUT CROSSPLATFORM?

- Phonegap
- Sencha
- Xamarin
- Native Script
- React Native
- Codename One
- so many others...

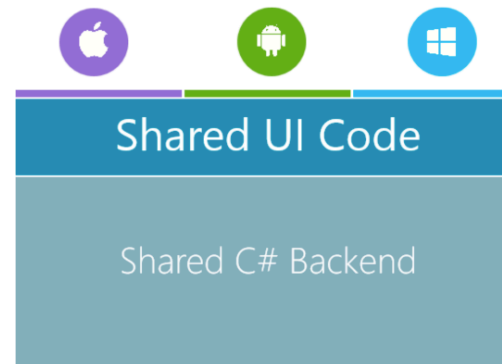
06 XAMARIN

- What is it?
 - **Native** iOS & Android Development
 - Shared **C#** Code
 - 100% **native API access** and high performance
 - **Open** source (open.xamarin.com)
 - Big **community**

07 FLAVORS



Traditional Xamarin
Approach



With Xamarin.Forms:
More code-sharing, all native

08

TRADITIONAL APPROACH

Android

- Activity
- xml
- ACTION_IMAGE_CAPTURE
- **HttpClient**
- Load ImageView

iOS

- UIViewController
- xib/storyboard
- UIImagePickerController
- **HttpClient**
- Load UIImage

09 XAMARIN FORMS

Android

- Page
- xaml
- MediaPlugin
- HttpClient
- ImageSource

iOS

- Page
- xaml
- MediaPlugin
- HttpClient
- ImageSource

10 IN FACT

Android / iOS / UWP

- Page
- xaml
- MediaPlayer
- HttpClient
- ImageSource

Let's build something

Clock's ticking

summary

1. You can do lots of stuff faster with Xamarin
2. You can do lots of cool stuff with Xamarin
3. You can focus your qualified native resources on real problems
4. Be aware, it's not a magical tool for every problem.

Questions?



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