

Xamarin.Forms

Writing one app to rule all your platforms

Alien Arc Technologies, LLC

www.alienarc.com
@AlienArcTech

Duane Newman

About.me/DuaneNewman
@DuaneNewman



Co-Founder
Alien Arc Technologies, LLC
A Modern Apps Company

The Mobile Landscape

It's a crazy multi-platform world, with no real “top dog”

Traditional App Development

Developing for all platforms using native tools is:

Slow, repetitive, tedious to maintain, repetitive, & expensive.

I'm often asked "What should I be learning?" I'm convinced
C#/XAML Programmers should be looking at Xamarin.

-Jesse Liberty

Native apps, written in .NET & C#

Really, they are native, with full access to native UI controls, native APIs and libraries, and they have the performance of native apps.

Because they are NATIVE assemblies.

Xamarin Development Environment

Windows & Mac required to support all platforms

Xamarin Forms

Cross-Platform Mobile Development is
slow, repetitive, and fragmented

Xamarin Forms lowers the friction and increases re-use

So you can concentrate doing the 60-70% but you always
have to spend some time writing the UI for that platform and
Xamarin.Forms will help you [do] the extra 30% in a breeze
-Lino Tadros, .NET Rocks #1042

How It All Fits Together

Pages

Content Page

Master Detail Page

Navigation Page

Tabbed Page

Carousel Page

Layouts

Stack Layout

Absolute Layout

Relative Layout

Grid Layout

Content Layout

Scroll Layout

Frame Layout

Controls

Button

Entry

Date & Time Pickers

Image

Label

ListView

WebView

XAML

Expresses your User Interface declaratively...

But it is NOT WPF/Silverlight/Win8 XAML

So that's the big thing is that your expressing
what your intent is with the XAML but its
rendered with the native UI of the tool.

-Carl Franklin, .NET Rocks #1042

Looking to the Future

Windows Store and
Windows Phone RT (not Silverlight)

Resources

- Video
 - Xamarin Evolve – evolve.xamarin.com
- Audio
 - .NET Rocks
 - Yet Another Podcast (Jesse Liberty)
- Blogs
 - Jesse Liberty – www.JesseLiberty.com
- Code
 - James Montemagno - github.com/JamesMontemagno
 - Xamarin Samples - github.com/xamarin/xamarin-forms-samples
- Community Extensions
 - Xamarin Forms Labs - github.com/XLabs/Xamarin-Forms-Labs

Thank you!

Duane Newman

Co-Founder

Alien Arc Technologies, LLC

[About.me/DuaneNewman](https://about.me/DuaneNewman)

[@DuaneNewman](#)

