

Introdução ao Xamarin Forms

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Contatos



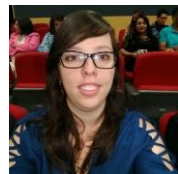
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Histórico



2001: Icaza liderou projeto Mono (Ximian)

2003: Novell compra Ximian (Icaza continua no projeto)

2009: Primeiro produto IOS

2011: Icaza cria empresa Xamarin | Xamarin.Android



Miguel de Icaza



Nat Friedman

Histórico



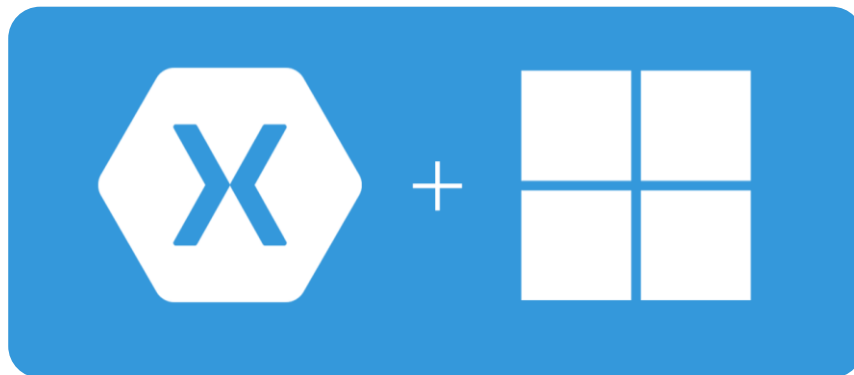
2012: Xamarin.Mac

2013: Xamarin 2.0 | Xamarin Test Cloud
Xamarin.iOS | Xamarin.Android | Xamarin.UWP

2014: Xamarin Forms

2016: Fev. Microsoft compra Xamarin | Mar. Xamarin gratuito

2018: Xamarin Forms 3.0 | Flex Layout | Live Reload



Origem do nome



- Mono: Macaco em espanhol
- Nome empresa que iniciou o Xamarin: Ximian
- Espécie de macaco chamada Tamarin



Empresas que usam Xamarin

BOSCH



3M



CINEMARK

MCKESSON



Honeywell



jetBlue



Kellogg's



Mais de 15.0000 empresas...

Aplicativos feitos com Xamarin



Mas o que é
Xamarin?



- Plataforma Open Source da Microsoft



**OPEN
SOURCE**

Mas o que é
Xamarin?



- Criação de aplicativos NATIVOS
- Plataformas: Android, IOS e UWP



Mas o que é
Xamarin?



- Linguagem: C# ou F#
- Não tenta emular interfaces nativas (rodar em browser com layout parecido com nativo)
- Usa C# para fazer chamadas nativas de cada sistema operacional
- Features do C# e .NET





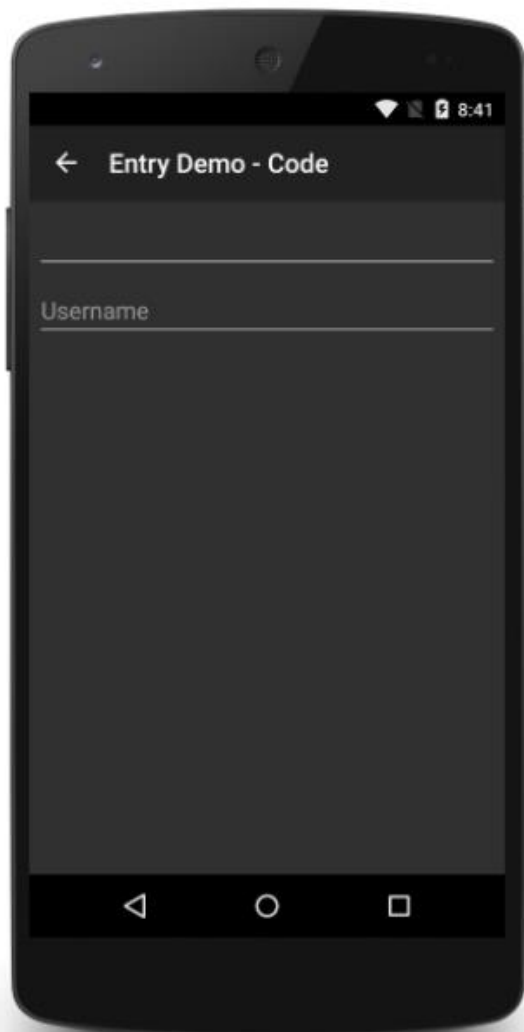
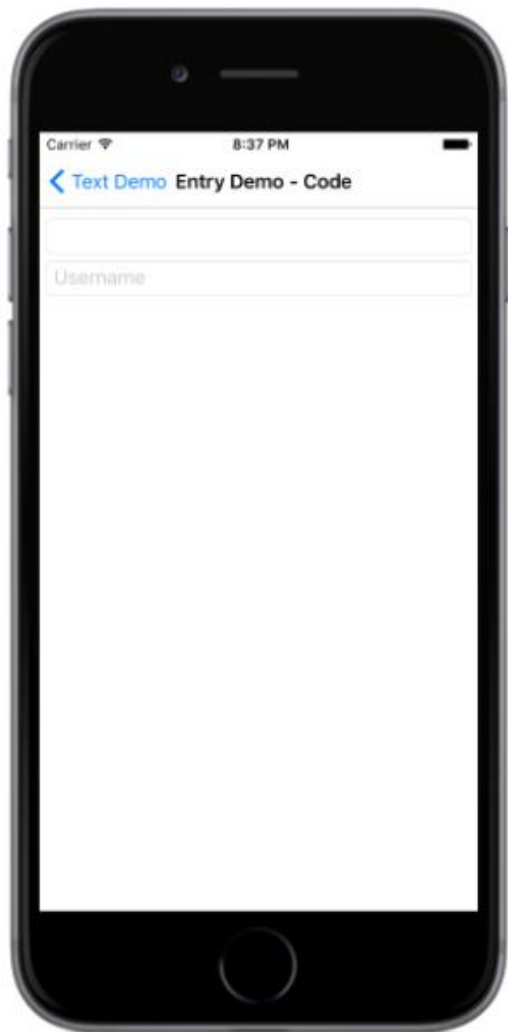
Entry

EditText

UITextField

TextBox





Xamarin + Xamarin.Forms



Traditional Xamarin approach



With Xamarin.Forms:
more code-sharing, native controls



Como ver meu app?



- Emulador do Android
- Emulador do IOS
- Dispositivo Android
- Dispositivo IOS
- LiveXAML (Pago - Permanent license \$240)
- Xamarin Live Player
- Xamarin Live Reload

Grupo de Controles



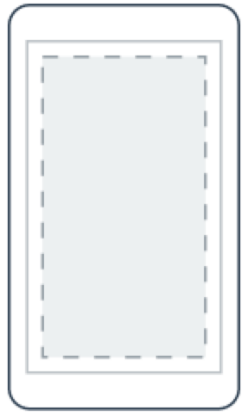
Pages

Layouts

Views

Cells

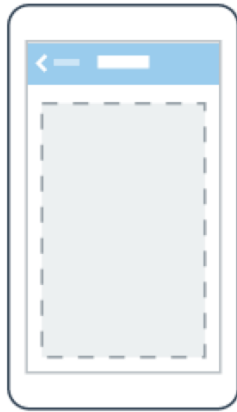
PAGES



ContentPage



MasterDetailPage



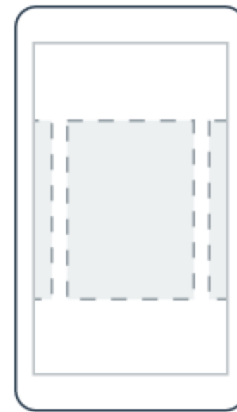
NavigationPage



TabbedPage



TemplatedPage



CarouselPage

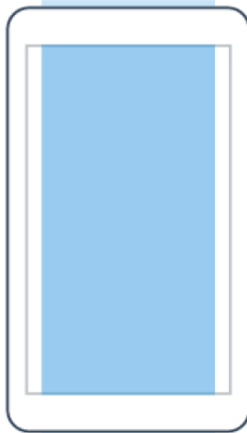
Layouts



ContentPresenter



ContentView



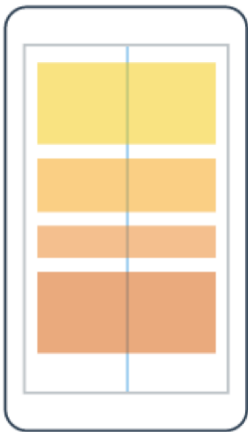
ScrollView



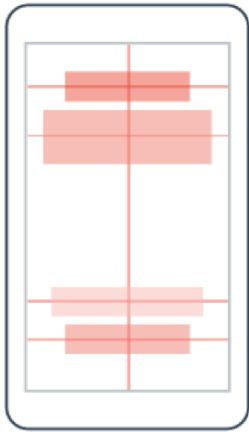
Frame



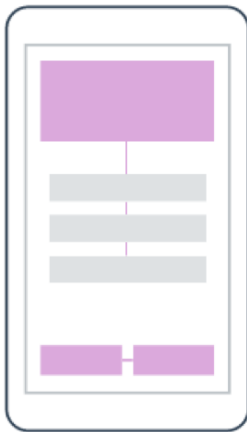
TemplatedView



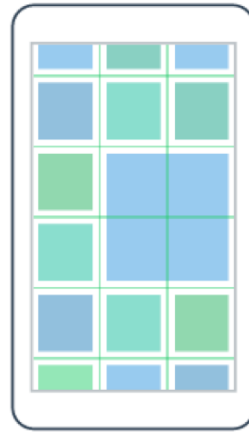
StackLayout



AbsoluteLayout



RelativeLayout

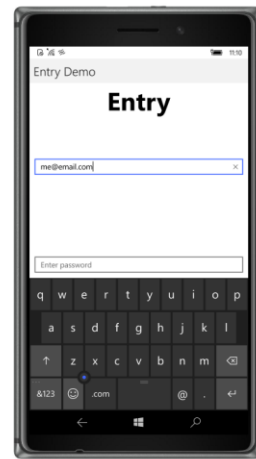
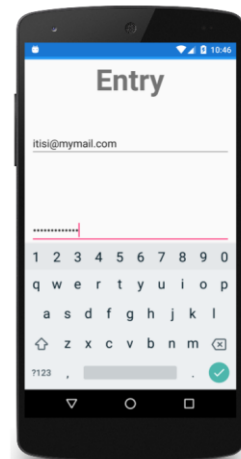
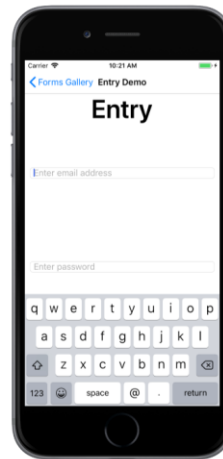
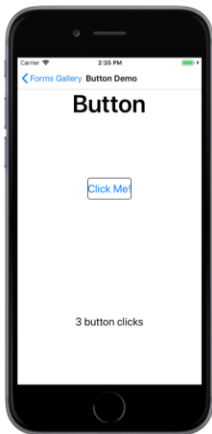
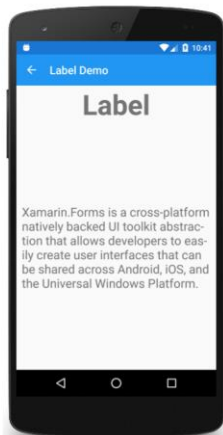


Grid

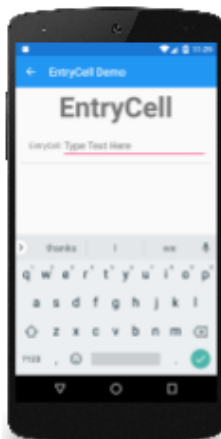


FlexLayout

Views



Cells





Hands-on

App Dividir Conta

Projeto no
GitHub



<https://github.com/dayaneLima/dividirConta>