

# Introdução ao Xamarin Forms

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# Contatos



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# Histórico

- Criada em 2011 por Nat Friedman e Miguel de Icaza
- Mono: Open Source – viabilizar conjuntos de ferramentas compatíveis com .Net para rodar em outras plataformas
- Licença era U\$ 999 ao ano
- Comprada pela Microsoft em 24 de fevereiro de 2016
- Entre 400 e 500 milhões de dólares
- Microsoft anuncia Xamarin gratuito em 31 de Março de 2016

## Mas o que é Xamarin?

- Plataforma Open Source da Microsoft
- Criação de aplicativos NATIVOS
- Android, IOS e UWP
- Linguagem C# ou F#
- Features do C# e .NET
- Não tenta emular UIs Nativas
- C# para fazer chamadas nativas do sistema operacional

# Xamarin + Xamarin.Forms

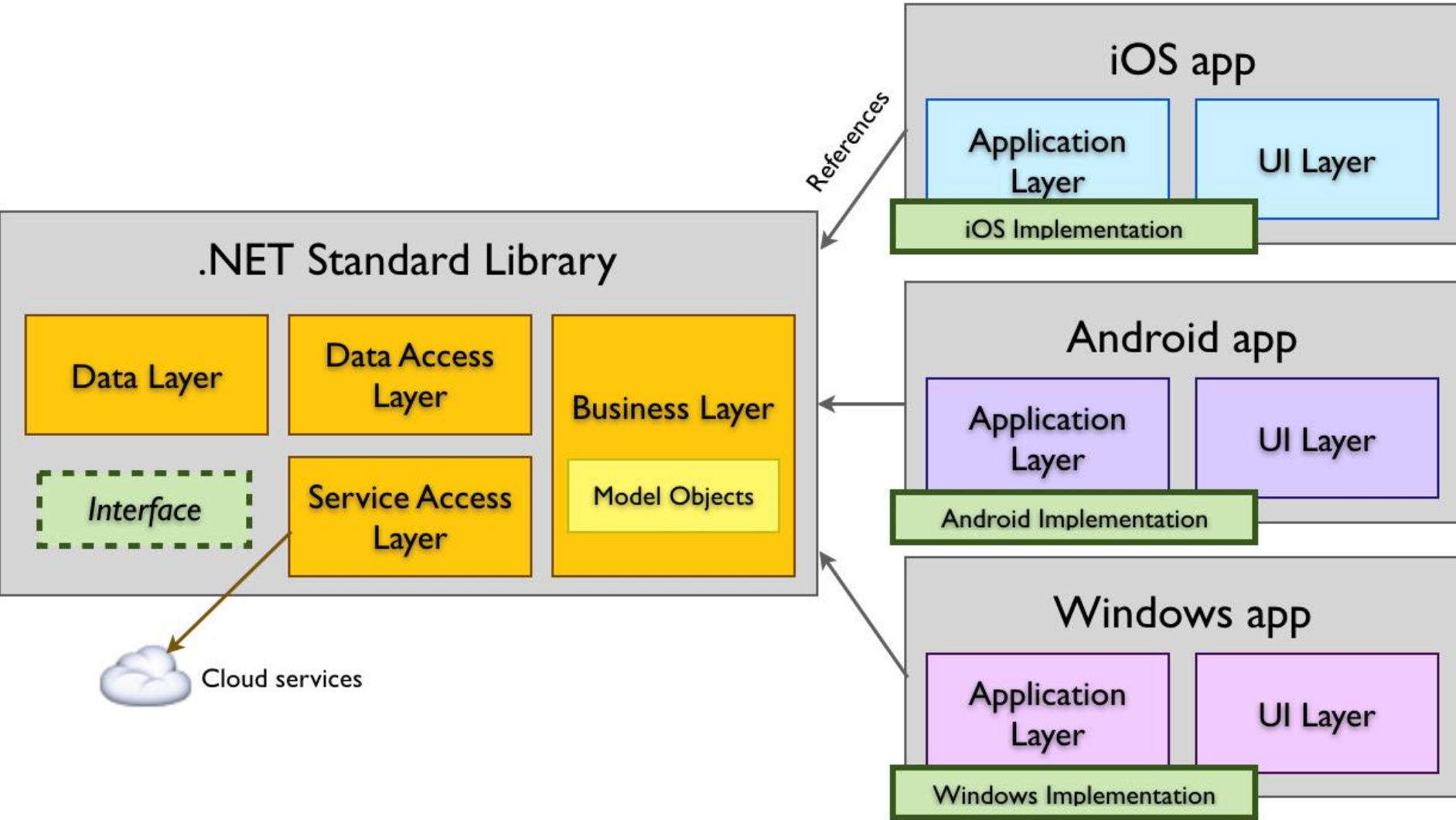


Traditional Xamarin approach



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







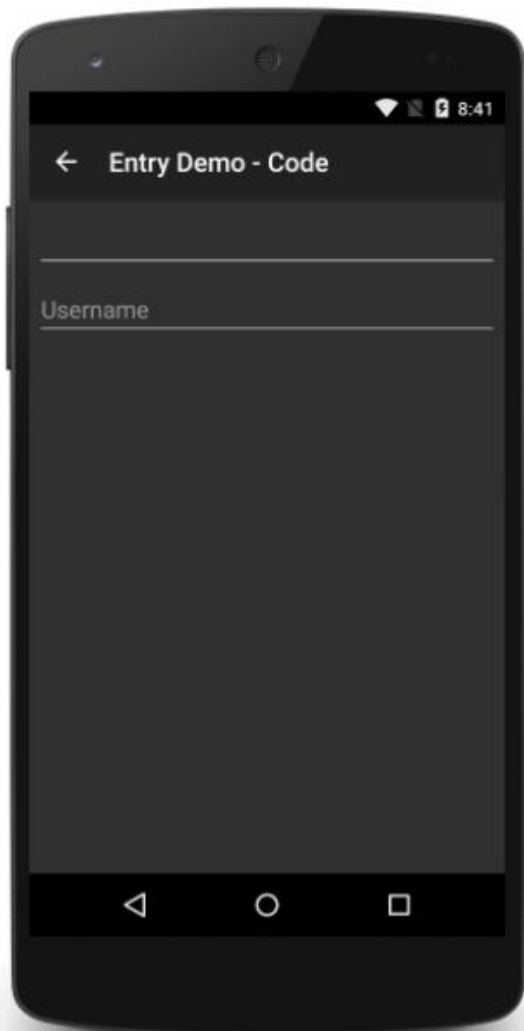
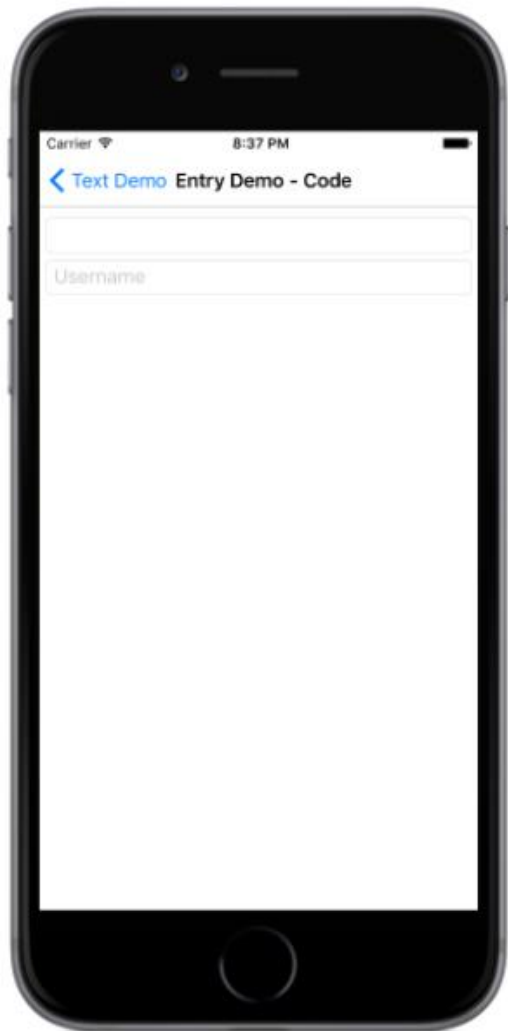
Entry

EditText

UITextField

TextBox







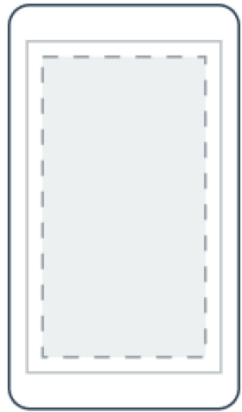
# Como ver meu app?

- 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

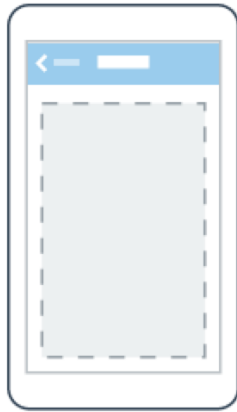
# PAGES



ContentPage



MasterDetailPage



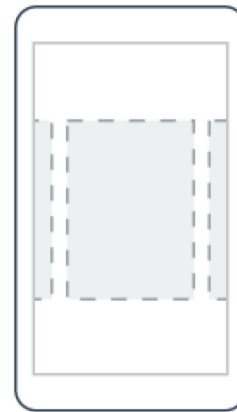
NavigationPage



TabbedPage



TemplatedPage



CarouselPage

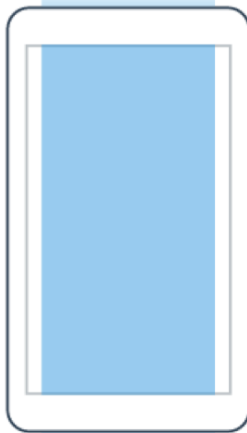
# Layouts



ContentPresenter



ContentView



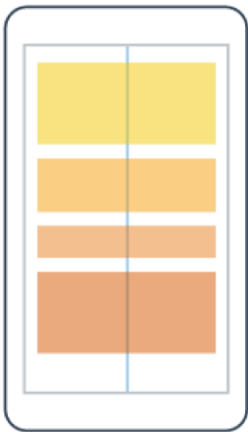
ScrollView



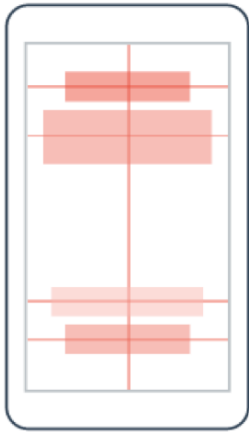
Frame



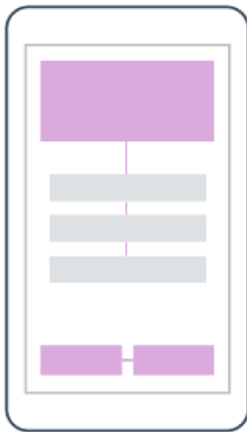
TemplatedView



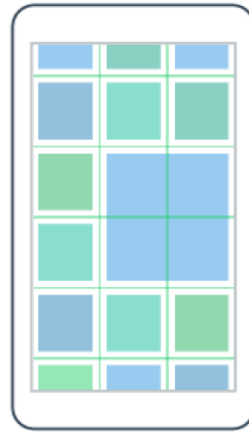
StackLayout



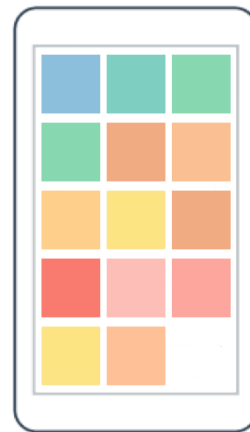
AbsoluteLayout



RelativeLayout

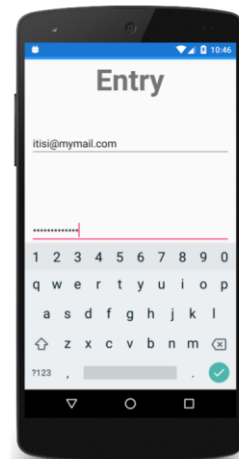
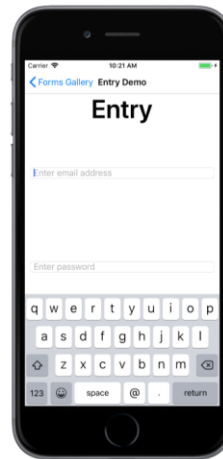
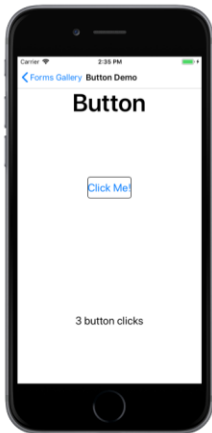
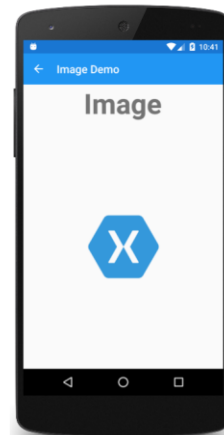


Grid

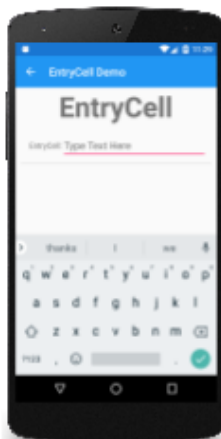


FlexLayout

# Views



# Cells





# Hands-on

## App Dividir Conta