

Azure ❤️ Mobile Apps

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#azuretechnights



NAIVE
EVERYWH
OPEN SO



williamsrodz



Xamarin
MOST VALUABLE
PROFESSIONAL



Microsoft®
Most Valuable
Professional



.NET CURITIBA

Organizador

meetup.com/.NET-Curitiba



MONKEY NIGHTS

Organizador

fb.com/MonkeyNightsDevs

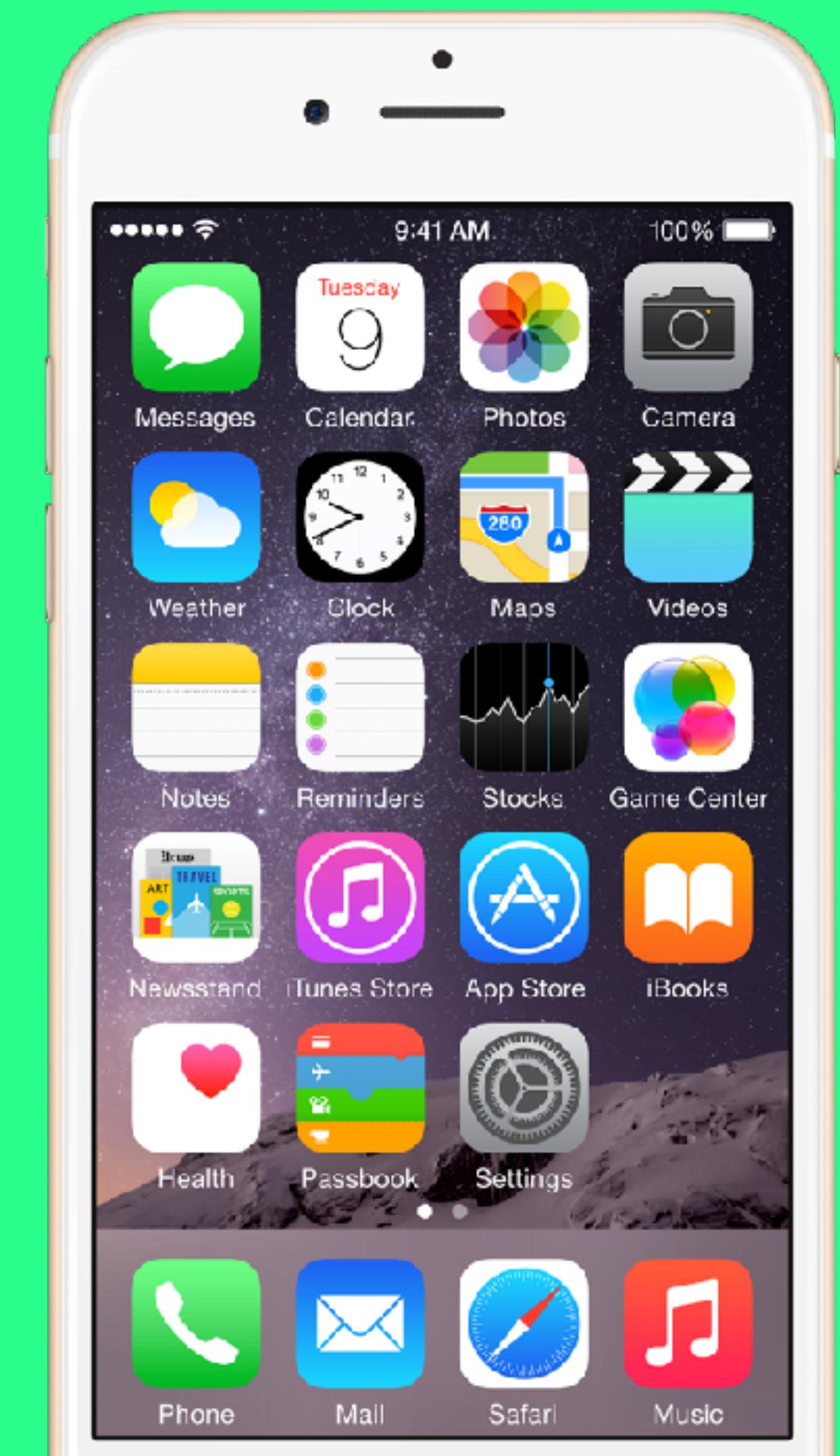
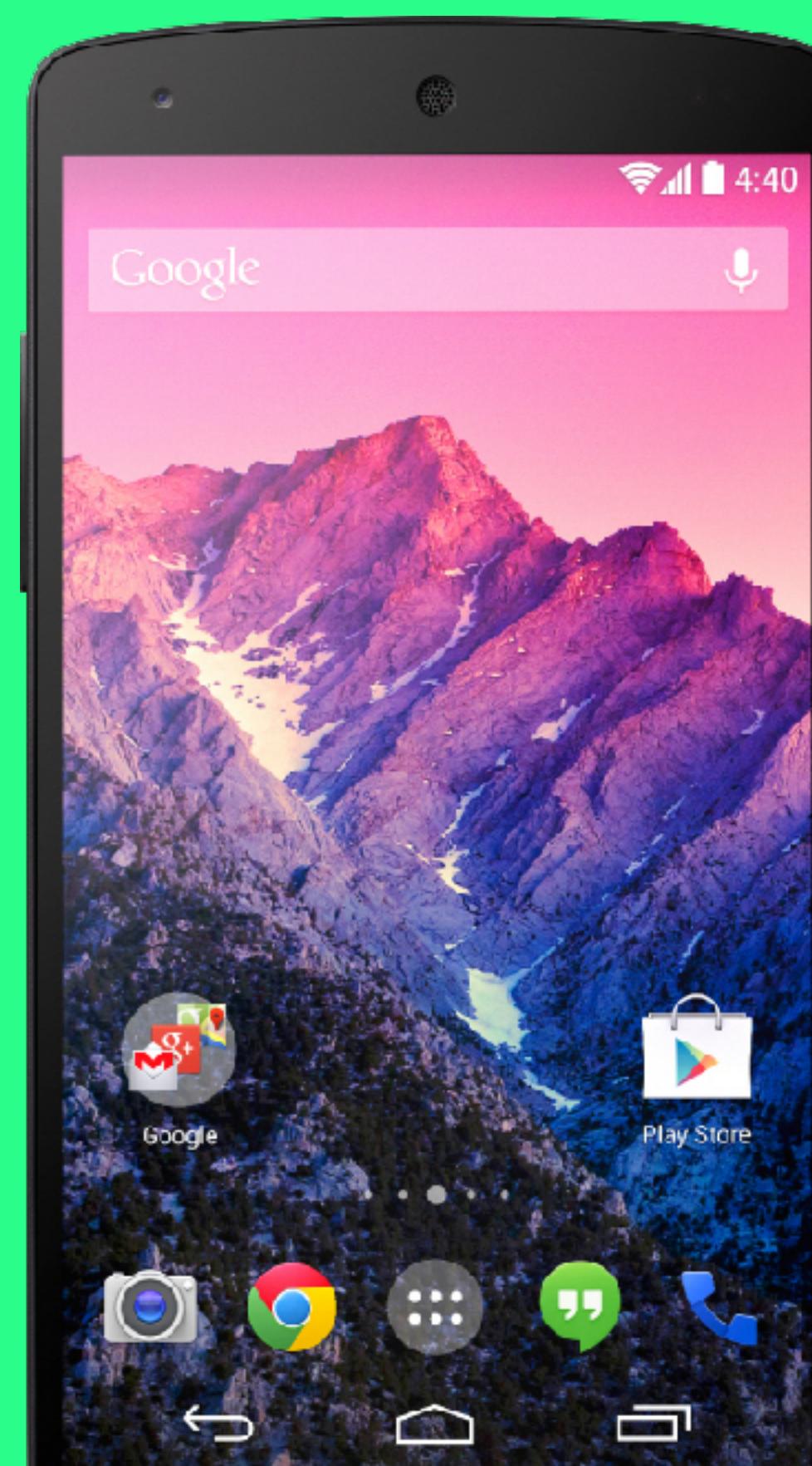


CAPIVARA CODES

Organizador (um dos)

fb.com/CapivaraCodes

"Você desenvolver um aplicativo!"



O que o backend do meu app
precisa ter?

Normalmente você vai precisar

- Sincronização Offline;
- Notificações Push;
- Autenticação unificada;
- Capacidade cross plataforma;
- Integração com Redes Sociais;



E o seu _____

- Minimizar o time to market;
- Escalar;
- Agilidade;
- Entregar continuamente.



Você pode ser o
#tradicionalzão, #original,
#fazdozero, #heroi, #rambo e...

Acreditar que tem tudo que precisa

- Um ou mais servidores;
- Instalar, gerenciar banco de dados;
- Desenvolver uma API, Push, Autenticação, CRUD;
- Preocupar-se com segurança e performance, etc...



Ter tempo sobrando

Duas ou mais semanas* para ter o seu backend "pronto" e então começar a codar o seu aplicativo.



Ter muito tempo sobrando...

Tem que prepara uma camada
de serviços implementando
chamadas HTTP *, fazer parse
de JSON, etc...

Mais uma semana para enfim
começar a codar o App.



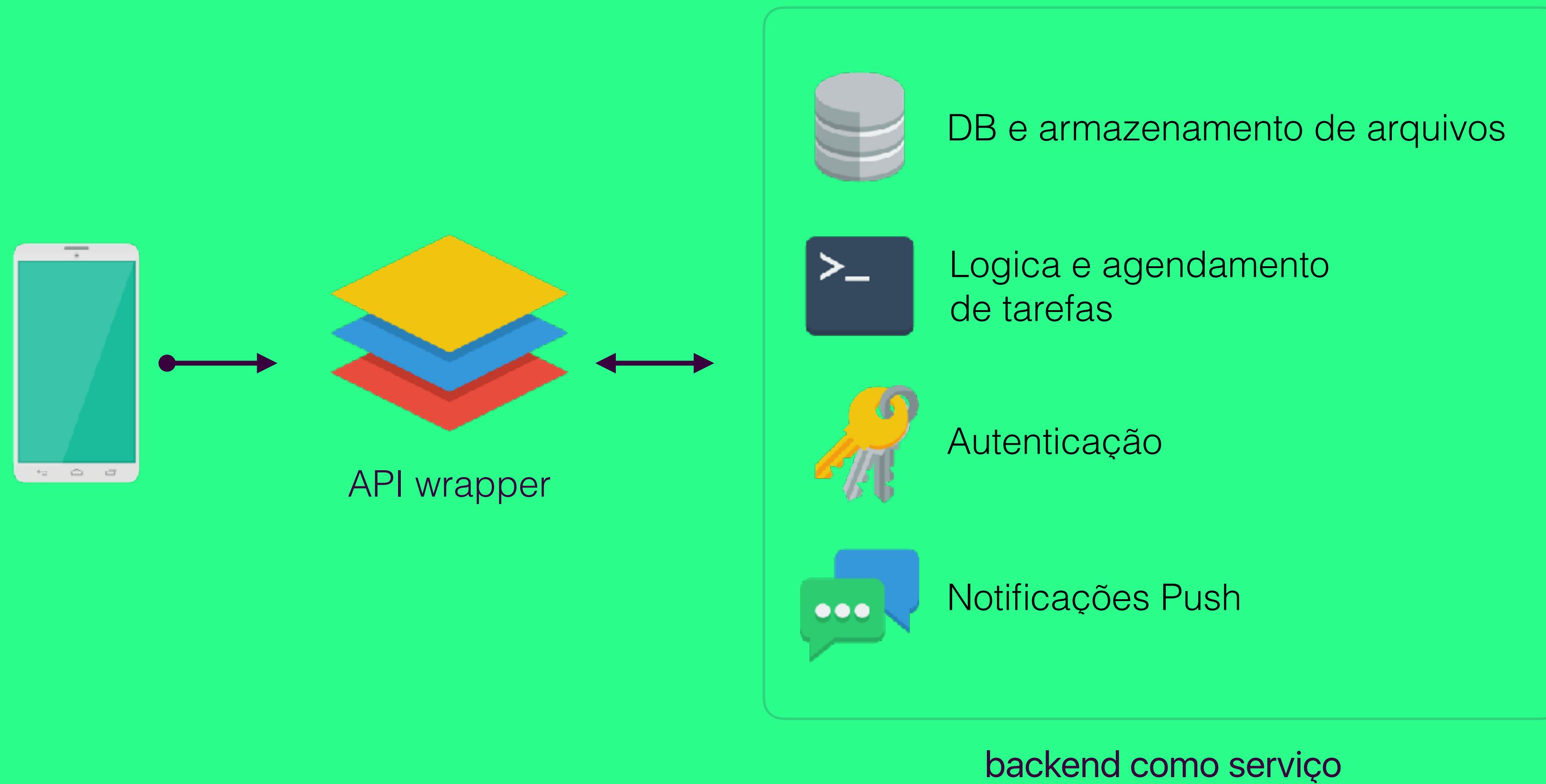
Enquanto você perde tempo...

- A sua ideia já não é mais tão original;
- O seu concorrente já lançou uma versão igual ou melhor que o seu app;
- Você já nem lembra mais qual era a ideia inicial;



OU

Adotar uma solução MBaaS



MBaaS



Azure Mobile App Service



O que todo mundo faz



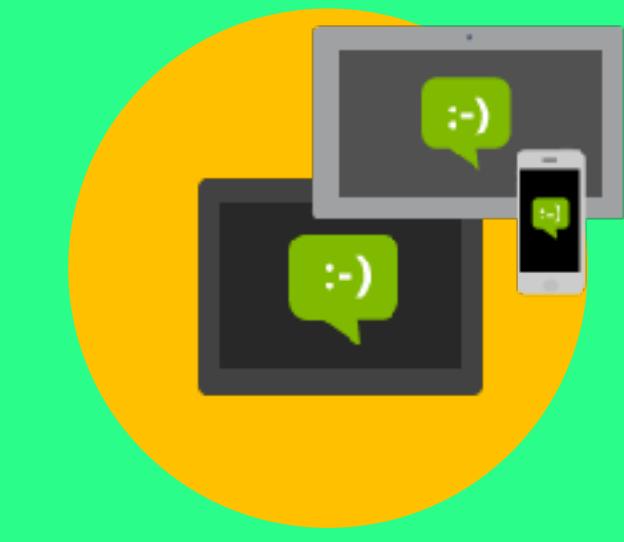
Autenticação e
Single Sign On



Armazenamento de
dados em SQL,
Armazenamento de
Tabela e MongoDB

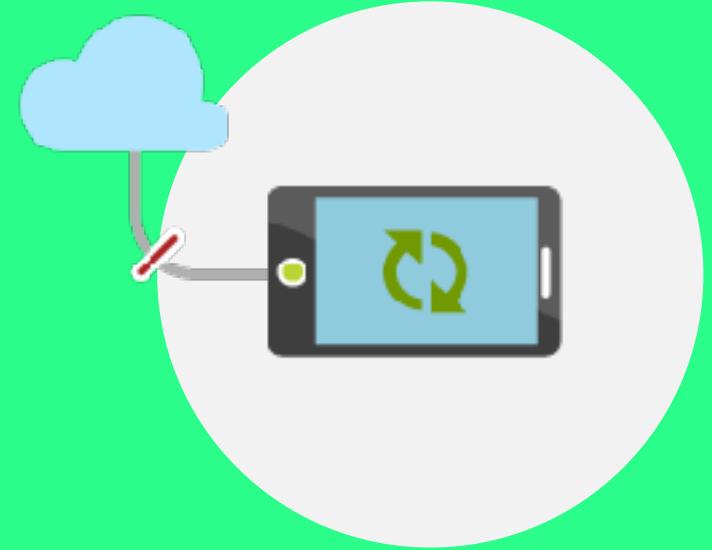


Lógica no Servidor



Notificações
personalizadas por
push

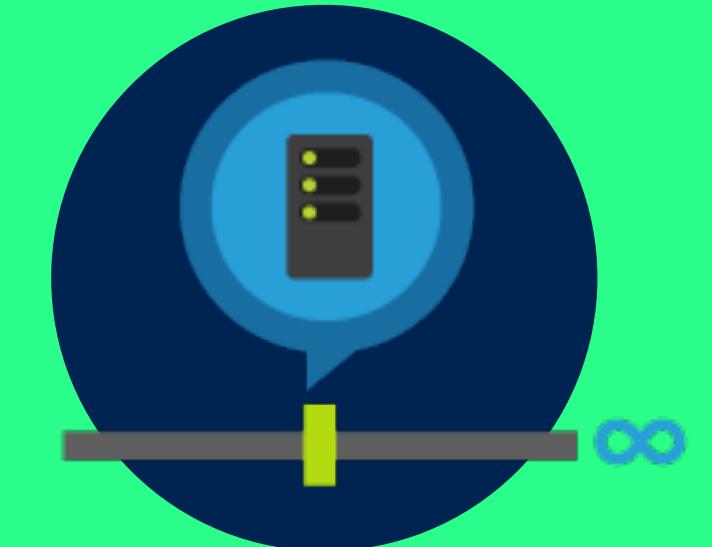
Com os adicionais



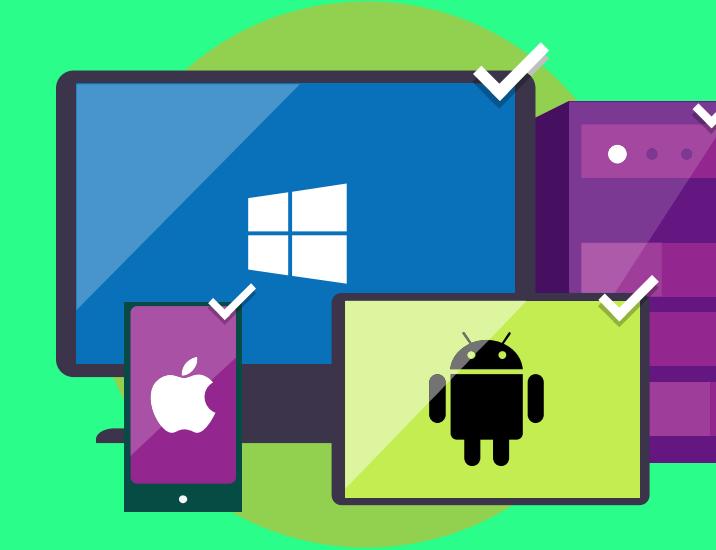
Sincronização
baseada em nuvem
para criar aplicativos
que funcionam off-line



Conexões Híbridas e
VPN para conectar
aplicativos aos dados
locais



Dimensionamento
automático interno de
acordo com as
necessidades dos
aplicativos



SDK's Nativas, Cross
Platform (Xamarin) e
REST

E acompanhamentos



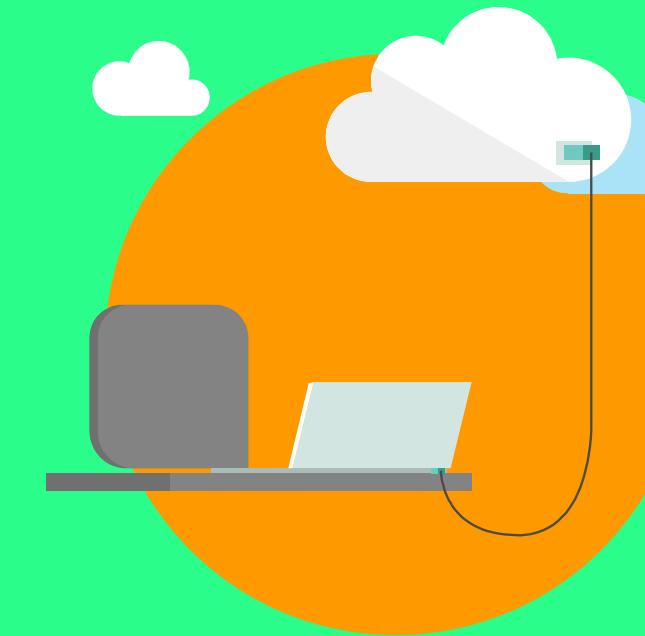
Autenticação e
Autorização com
integrado ao Active
Directory



SSO utilizando conta
Microsoft ou de redes
sociais
(Twitter, Facebook,
Google)



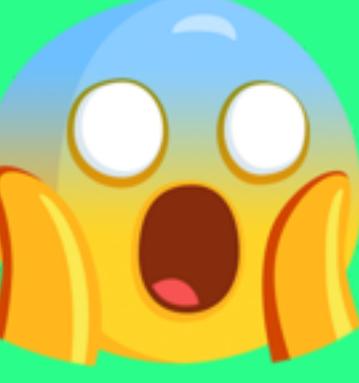
Conectar-se a recursos
locais como SAP,
Oracle e SQL Server e
SharePoint



Conectar-se a
aplicações SaaS
(Sales Force, Office
365)

DEMO



Quer saber mais? 

Quer saber mais? 

<https://visualstudio.com/pt-br/dev-essentials/>

The screenshot shows the Microsoft Visual Studio Dev Essentials landing page. At the top, there's a navigation bar with links for Microsoft, Tecnologias, Documentação, Recursos, a search bar, and a user profile for William S Rodriguez. Below the navigation is a blue header bar with links for Visual Studio, IDE do Visual Studio, Recursos, Ofertas, Downloads, Support, and a prominent 'Visual Studio gratuito' button. A green callout bubble on the left side highlights 'Crédito Azure (US\$ 25/mês por 12 meses)*'. The main content area features a large heading 'Visual Studio Dev Essentials' and a sub-section about free tools, cloud services, and training. To the right, there's an illustration of a computer monitor displaying a graduation cap and a wrench, set against a background of clouds.

data:, William S Rodriguez

Microsoft

Tecnologias

Documentação

Recursos

Visual Studio gratuito

Visual Studio

IDE do Visual Studio

Recursos

Ofertas

Downloads

Support

Acesso do assinante

Crédito Azure (US\$ 25/mês por 12 meses)*

Visual Studio Dev Essentials

Ferramentas, serviços de nuvem e treinamento gratuitos

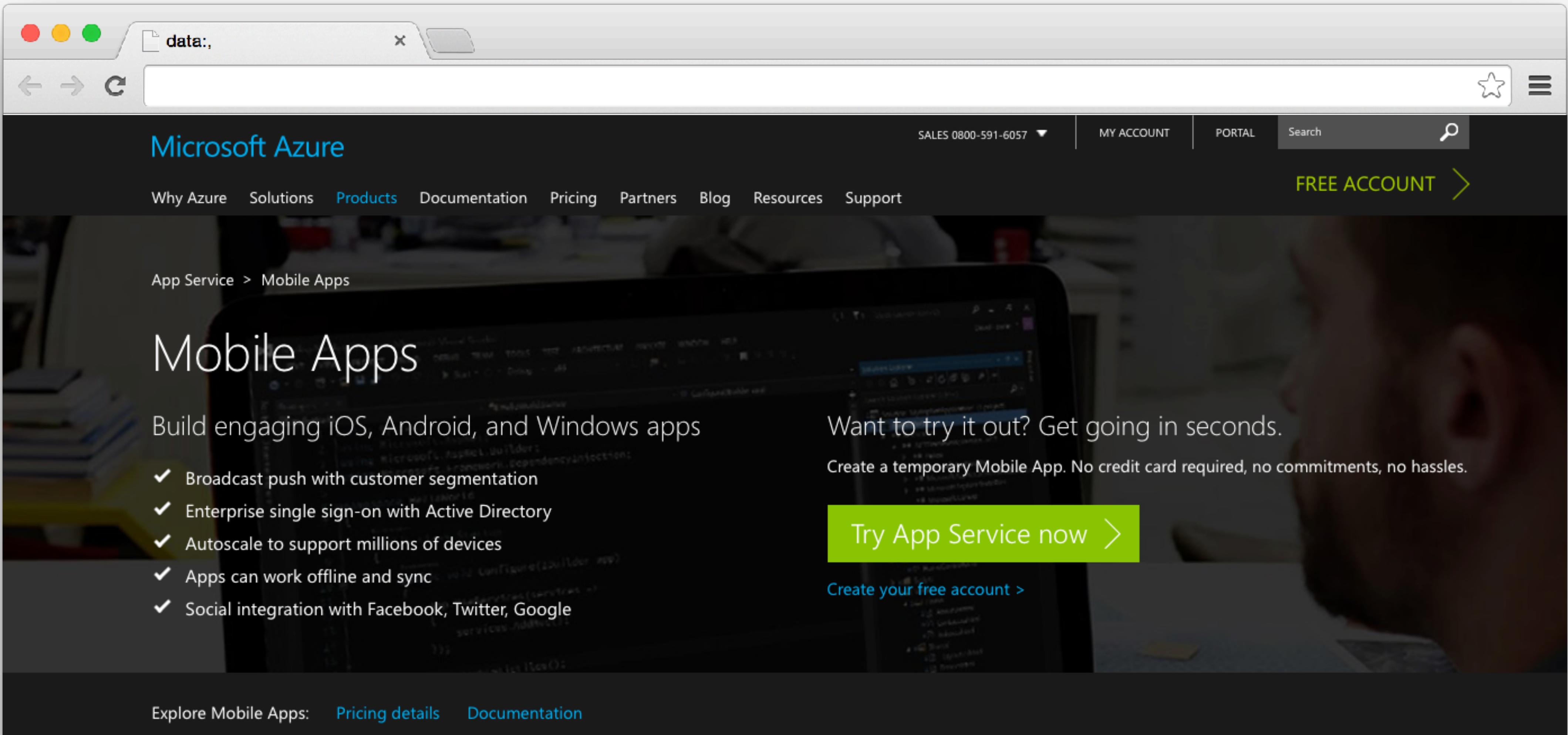
Obtenha tudo o que você precisa para compilar e implantar seu aplicativo em qualquer plataforma. Com ferramentas de ponta, o poder da nuvem, treinamento e suporte, é o nosso programa gratuito para desenvolvedores mais abrangente de todos os tempos.

bit.ly/xamarin-talks

A screenshot of a GitHub repository page for 'williamsrz / xamarin-talks'. The page shows a list of recent commits:

Commit	Message	Time Ago
Droid	downgrade realm version (demo first) 💩	5 hours ago
Models	admin sleep 😴	4 hours ago
Pages	search 🔎	4 hours ago
Properties	initial commit 💀	11 hours ago
Service	admin sleep 😴	4 hours ago
Tools	downgrade realm version (demo first) 💩	5 hours ago
ViewModels	search 🔎	4 hours ago

<https://azure.microsoft.com/en-us/services/app-service/mobile/>



The screenshot shows the Microsoft Azure mobile app service landing page. At the top, there's a navigation bar with links for Sales, My Account, Portal, and a search bar. A prominent green button labeled "FREE ACCOUNT >" is visible. The main content area features a large image of a person working on a laptop, with text overlaying it. The text includes "Mobile Apps", "Build engaging iOS, Android, and Windows apps", and a bulleted list of features: "Broadcast push with customer segmentation", "Enterprise single sign-on with Active Directory", "Autoscale to support millions of devices", "Apps can work offline and sync", and "Social integration with Facebook, Twitter, Google". To the right, there's a call-to-action button "Try App Service now >" and a link "Create your free account >". At the bottom, there are links for "Explore Mobile Apps", "Pricing details", and "Documentation".

<https://docs.microsoft.com/en-us/azure/app-service-mobile/>

The screenshot shows a web browser window displaying the Microsoft Azure Mobile Apps Documentation. The page has a dark header with the Microsoft Azure logo, a search bar, and navigation links for Sales, My Account, Portal, and a Free Account button. Below the header, there's a breadcrumb trail: Azure / App Service / Mobile Apps. A sidebar on the left contains a 'Filter' input field and a list of navigation items: Overview, Get Started, How To, Reference, Related, and Resources. The main content area features a large heading 'Mobile Apps Documentation' and a detailed description of what the service offers. At the bottom, there are several cards with icons and links: 'Learn about Mobile Apps' (smartphone icon), 'App Service Video Library' (TV icon), 'Get started creating an Android app' (person at a whiteboard icon), 'Get started creating an Apache Cordova app' (person at a whiteboard icon), 'Get started creating an iOS app' (person at a whiteboard icon), and 'Get started creating a Windows app' (person at a whiteboard icon).

Microsoft Azure

SALES 1-800-867-1389 ▾ MY ACCOUNT PORTAL Search FREE ACCOUNT >

Why Azure Solutions Products Documentation Pricing Partners Blog Resources Support

Azure / App Service / Mobile Apps

Filter

> Overview Learn how to use Mobile Apps in Azure App Service to build native iOS, Android, or Windows apps, or cross-platform apps using Xamarin or Cordova. Tutorials, videos, client SDK documentation, and more show you how to build and host the backend for any mobile app.

> Get Started

> How To

> Reference

> Related

> Resources

↓ Download PDF

Learn about Mobile Apps

App Service Video Library

Get started creating an Android app

Get started creating an Apache Cordova app

Get started creating an iOS app

Get started creating a Windows app

<https://adrianhall.github.io/develop-mobile-apps-with-csharp-and-azure/>

The screenshot shows a web browser window with the URL <https://adrianhall.github.io/develop-mobile-apps-with-csharp-and-azure/>. The page has a red header bar with a search bar and a GitHub icon. The main content area features a sidebar on the left with navigation links for chapters and tips, and a main content area with an introduction and a table of contents on the right.

Table of contents

- What are Cloud Connected Mobile Apps?
- Why Cross-Platform Native Development is important?
- Why Azure Mobile Apps?
- Features of Cloud Connected Mobile Apps
- Who is This Book For?
- Things You Should Know!
- What You Will Need
- Hardware
- Software
- On your Mac
- On your Windows PC
- Cloud Services

Dúvidas?



Obrigado





@williamsrodz