



The next wave of mobile apps

Reinventing the web for iOS, Android and Windows

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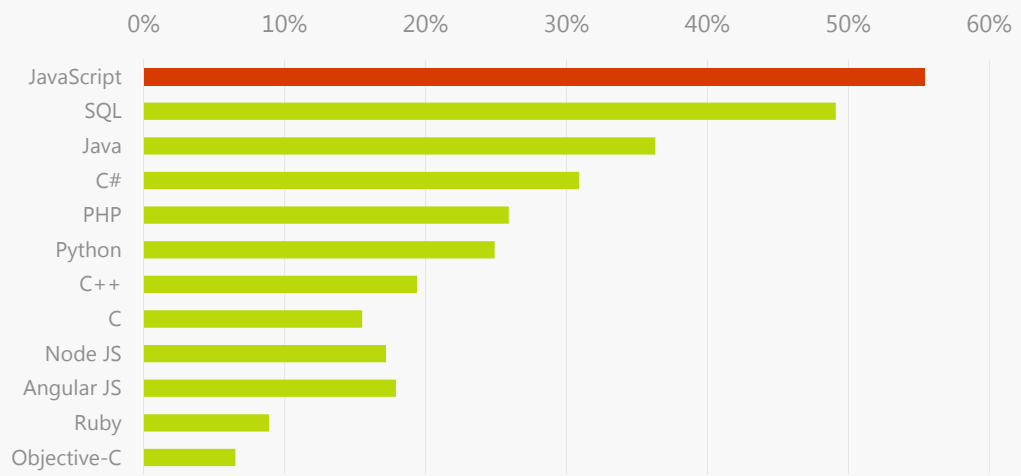
Please interrupt :-)



Reinventing the Web

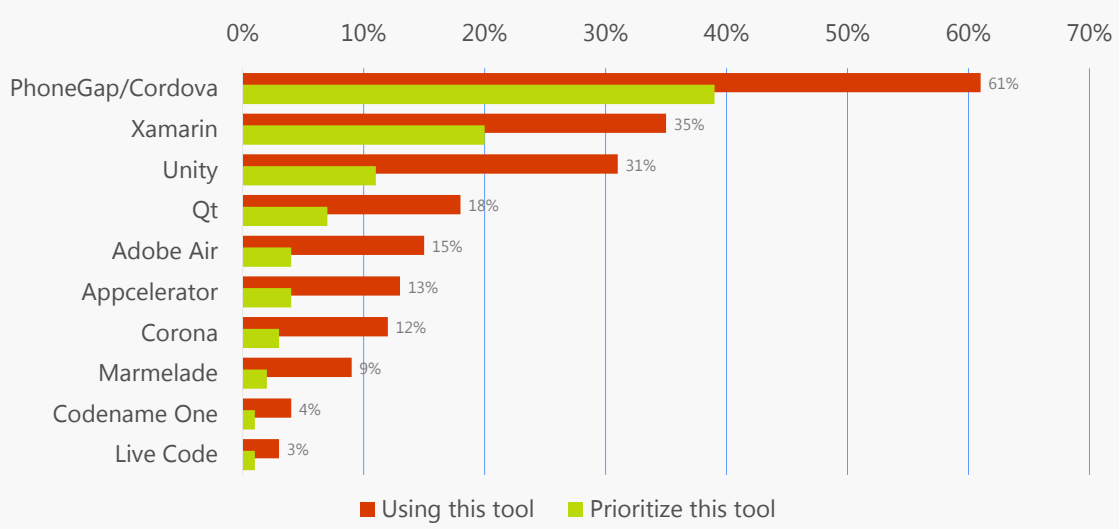


More people use JavaScript than any other programming language



Stack Overflow Developer Survey, March 2016

Most widely used technology for cross-platform



Vision Mobile Analysis of Cross-Platform Development July 2015



Why Ionic Framework?

Performance-Obsessed

Adapts to iOS, Android and Windows design patterns
Built specifically for mobile devices where memory is constrained

Apache Cordova Downstream

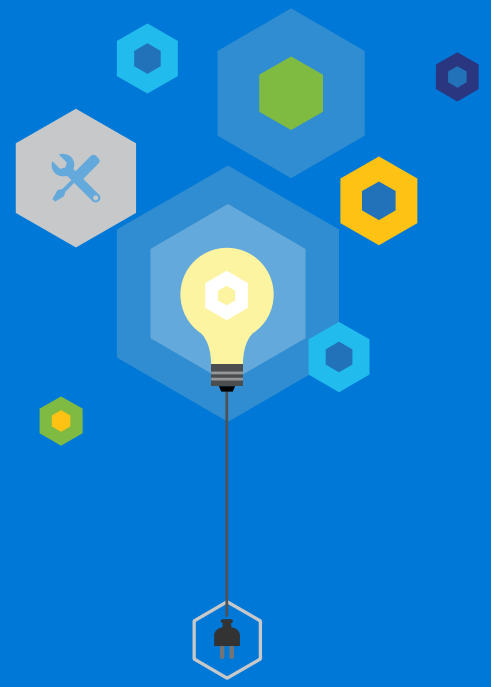
Leverages a mature ecosystem of open source contributions from Microsoft, Adobe, IBM, et al.
Enterprise-ready platforms, plugins and quality control

Better with Visual Studio and Code

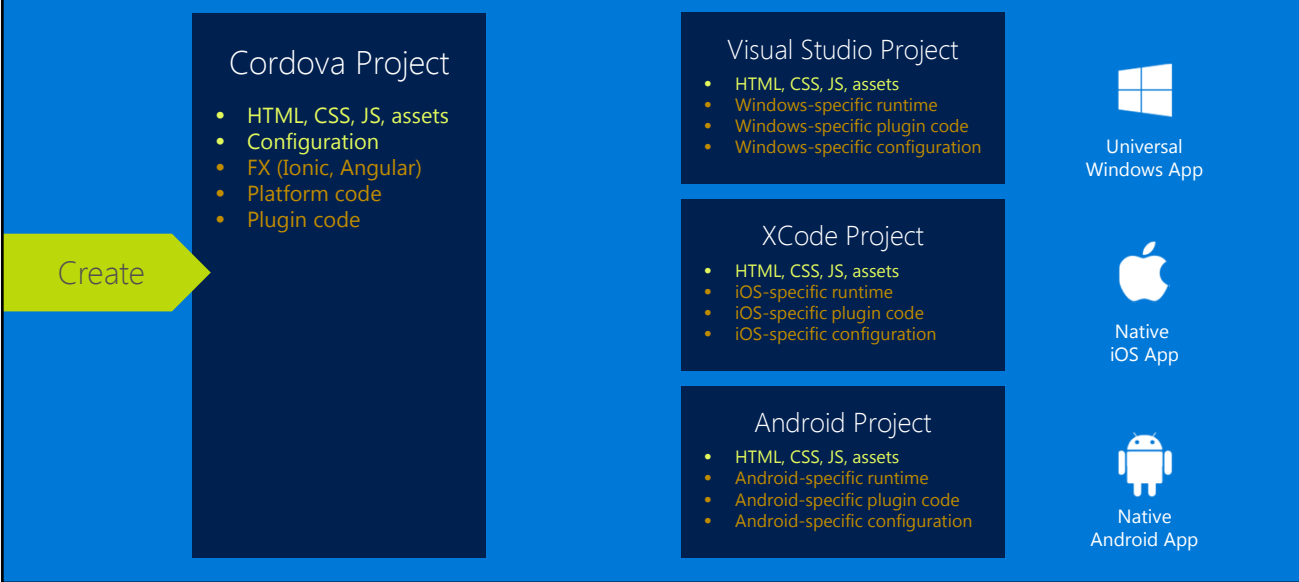
Built with TypeScript, so you get the future of JavaScript, today.
Templates, code snippets, cross-platform debugging and Intellisense for all-the-things.

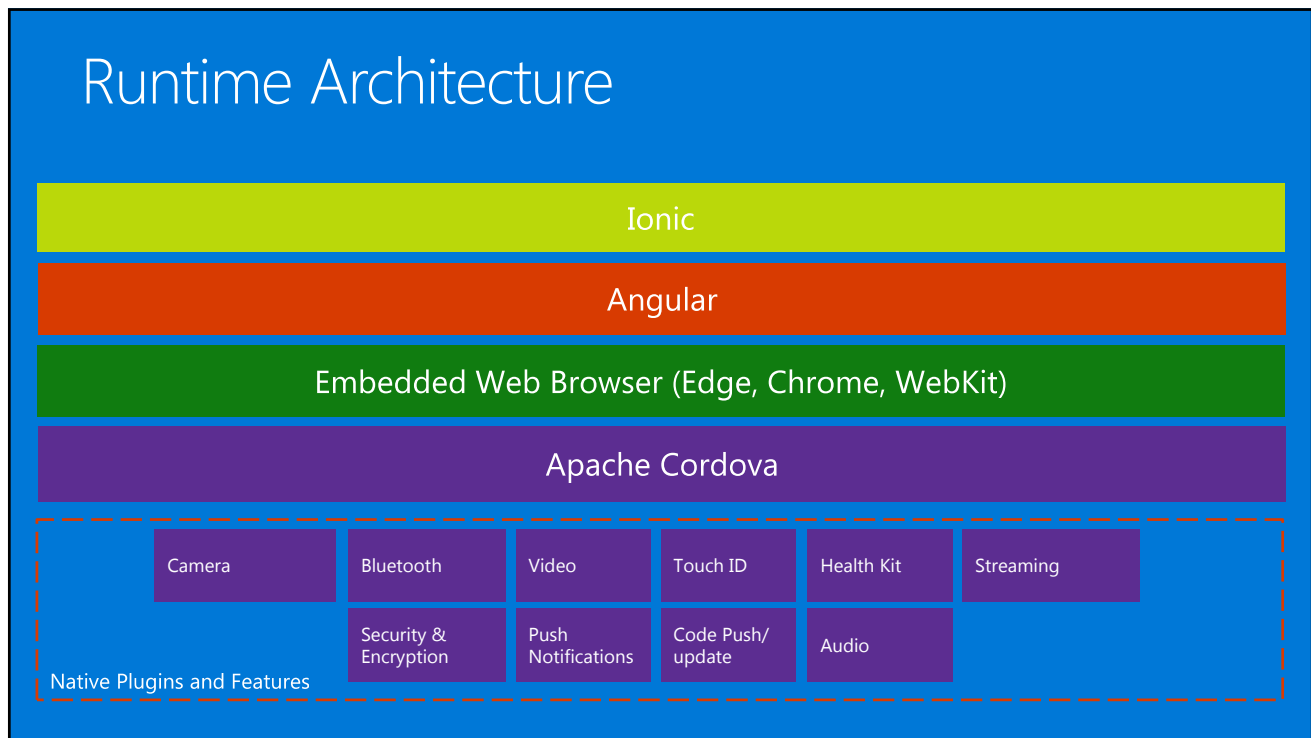
Demo

<http://github.com/microsoft/ionic-azure-conference-app>



How does Cordova work?





So... what does that give us?

Zero Code Redundancy

Shared business logic across all deployment targets.

By abstracting through web components, Ionic adapts UI look-and-feel to your target platforms.

Native APIs

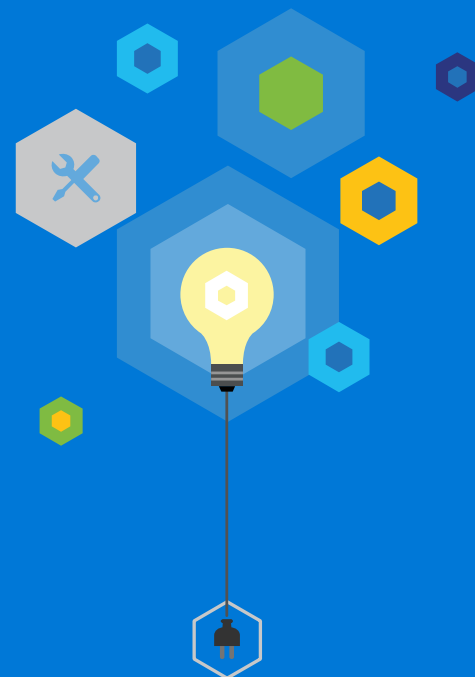
Cordova plugins deliver a common JS API to native code (e.g. Camera, Accelerometer, Address Book) 1,125 plugins in the public directory and lots more on NPM and GitHub.

Offline Support

All assets packaged with your app.

Plugins like SQLCIPHER provide enterprise-class, encrypted local storage for user data.

Demo



<http://github.com/microsoft/ionic-azure-conference-app>

Reinventing the Web

- Rockstar UX by default
- Faster time-to-market
- Productive toolchains
- Consistent workflow for all platforms
- Deploying when others can't



What can I get today?

Visual Studio 2015

Ionic 1.x templates
Debug Android, Windows and iOS
Maintained plugins for native APIs
<http://aka.ms/cordova-vs>

Visual Studio Team Services

Continuous Integration & Deployment
Pre-made build definitions for Cordova
Cloud build for Android, Windows and iOS*
<http://aka.ms/cordova-vsts>

Visual Studio Code

Intellisense
Ionic 1.x code snippets
Debug Android, Windows and iOS
Execute CLI commands from the editor
<http://aka.ms/cordova-code>

Code Push (beta)

Instantly deploy app updates
Partial rollout and A/B testing
Azure-hosted cloud service. Setup in minutes
<http://aka.ms/code-push>

Q&A



If you have questions please proceed to the
Q&A MICROPHONE located in your session room.



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