CROSSWALK
PROJECT

cordova-plugin-crosswalk-webview

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Why Crosswalk?

Android fragmentation
Performance
Features
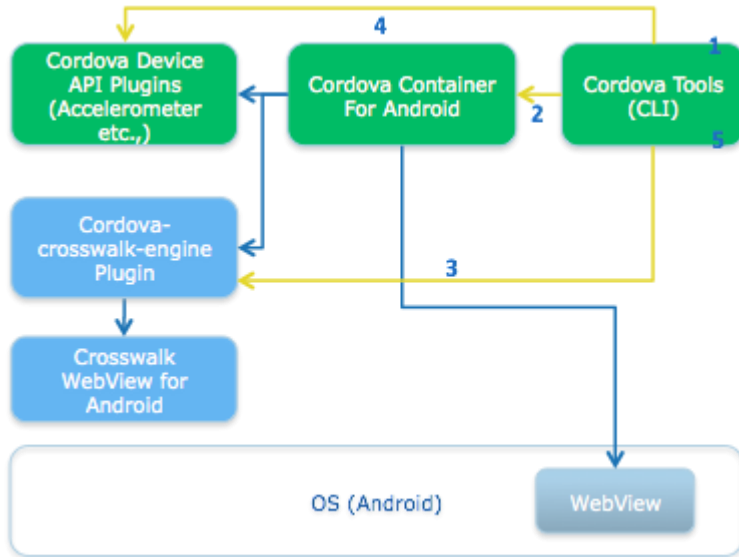Today

Tell me more!

Crosswalk webview plugin to your Cordova project

Drop in replacement of system Web View

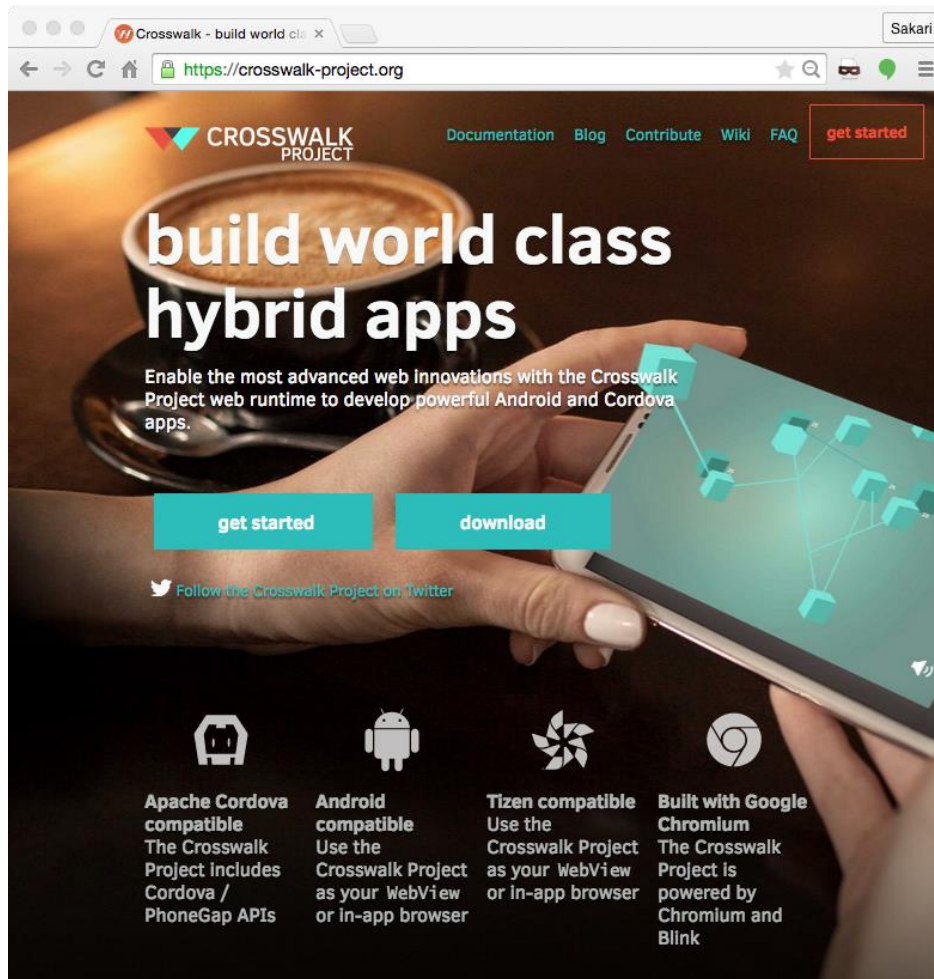www.npmjs.com/package/cordova-plugin-crosswalk-webview

Details, please

1. Create app
2. Install platform
3. Install webview plugin (**new**)
4. Install device API plugins
5. Build app
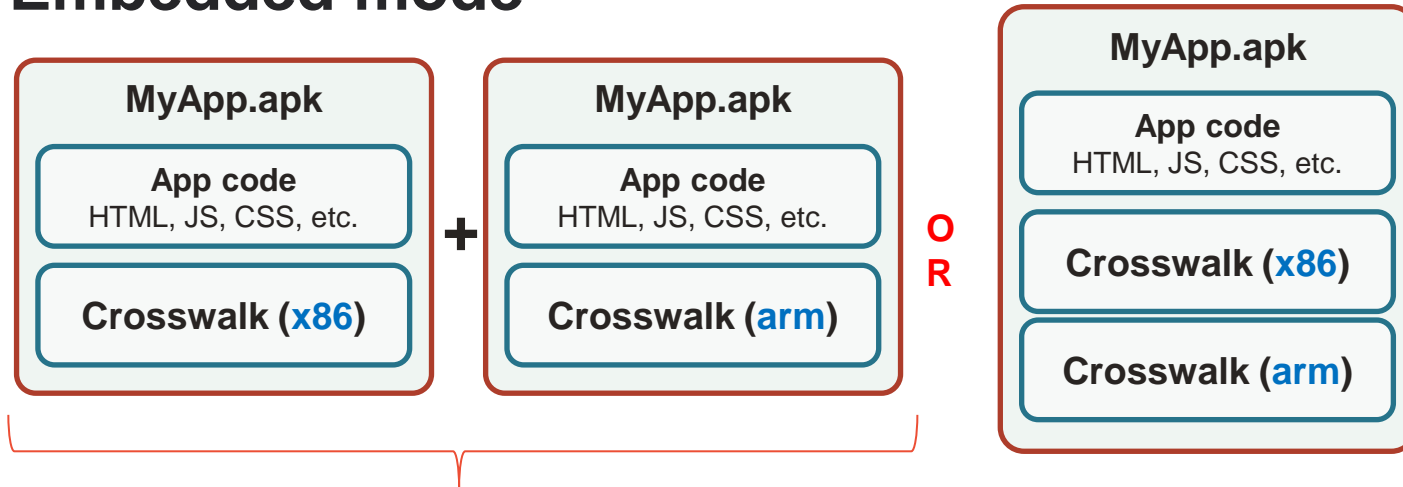
Show me

It is all in the web site

Simple

Existing work flow

```
npm install -g cordova

cordova -v

cordova create hello com.example.hello HelloWorld

cd hello

cordova platform add android

cordova plugin add  cordova-plugin-crosswalk-webview

cordova build android
```
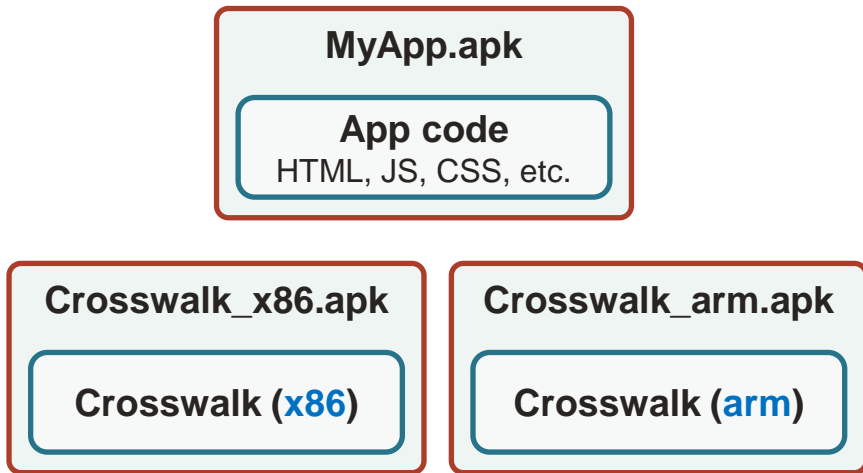
Embedded mode

MyApp.apk

App code
HTML, JS, CSS, etc.

Crosswalk (x86)

+

MyApp.apk

App code
HTML, JS, CSS, etc.

Crosswalk (arm)

O R

MyApp.apk

App code
HTML, JS, CSS, etc.

Crosswalk (x86)

Crosswalk (arm)

- Two apks: one for each arch
- Crosswalk size:
  - +20MB in apk
  - +50MB installed
- Submit two apps to the store

- One "fat" apk: includes x86 and arm
- Crosswalk size:
  - +40MB in apk
  - +100MB installed
- Submit one app to store

Shared mode

MyApp.apk

> **App code**
> HTML, JS, CSS, etc.

Crosswalk_x86.apk

> **Crosswalk (x86)**

Crosswalk_arm.apk

> **Crosswalk (arm)**

- Link to shared Crosswalk library
- Dynamically downloaded
- Version dynamically updated
- Play store

Crosswalk

Thank You