

Formation Mobile Hybride

**Ionic Cordova**

# Correction des exercices

```
git checkout step6
```

# Objectif du jour

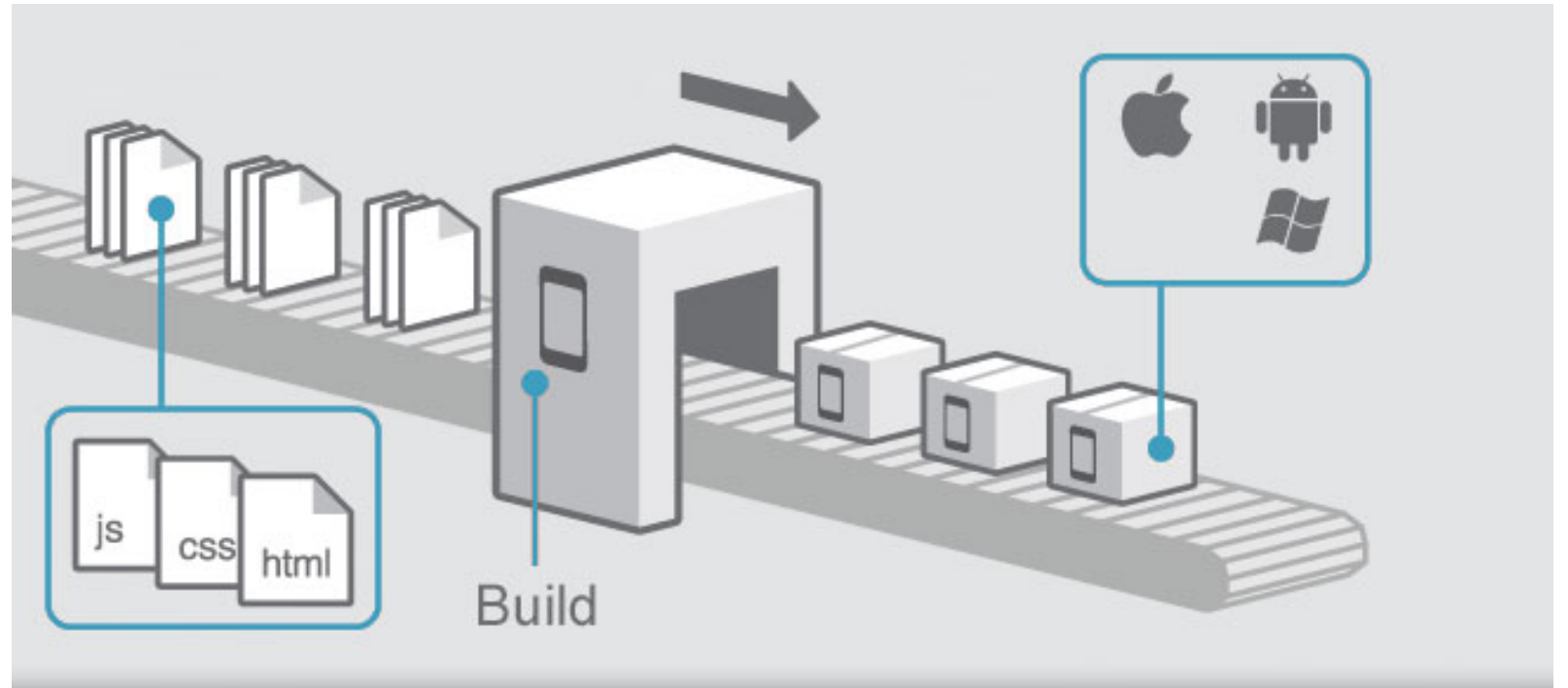
## addPage

The screenshot shows the 'addPage' screen of a mobile application. At the top, there is a status bar with 'Swisscom' and various icons. Below it is a header bar with the title 'Add' and a hamburger menu icon. The main content area contains two text input fields labeled 'Name' and 'Description'. Below these fields is a large, dark, rounded button with a camera icon and the text 'TAKE PICTURE'. At the bottom, there is a navigation bar with four items: 'places' (with a list icon), 'add' (with a blue plus icon and highlighted in blue), 'around' (with a map icon), and 'friends' (with a group of people icon). Below the navigation bar is a black bar with three white navigation icons: a back arrow, a home house icon, and a square app icon.

## friendsPage

The screenshot shows the 'friendsPage' screen of a mobile application. At the top, there is a status bar with 'Swisscom' and various icons. Below it is a header bar with the title 'Friends' and a hamburger menu icon. The main content area displays a list of friends, each with a name and a blurred phone number. The friends listed are: Anne-Laure (+41 79 76 72 00), Anne-Marie (+41 79 76 72 00), Adriana (+41 79 76 72 00), Antoine (+41 76 368 71 70), Audrey (Maha) (+41 78 659 49 00), and Alex (Thomas) (+41 78 228 17 00). At the bottom, there is a navigation bar with four items: 'places' (with a list icon), 'add' (with a blue plus icon and highlighted in blue), 'around' (with a map icon), and 'friends' (with a group of people icon and highlighted in blue). Below the navigation bar is a black bar with three white navigation icons: a back arrow, a home house icon, and a square app icon.

# Cordova



APACHE  
CORDOVA™

# Cordova

**Beaucoup de plugins disponibles ...**  
avec un niveau de qualité très variable

## Cordova Plugins

Search 2394 plugins...



What is a Cordova plugin?

A plugin is a bit of add-on code that provides JavaScript interface to native components. They allow your app to use native device capabilities beyond what is available to pure web apps.

[+ Contribute Plugins](#)

[? Plugin Help](#)

Must Support Platform(s):

Android	iOS	Windows	Blackberry	Ubuntu	Firefox OS
macOS	WP8	Browser			

2394 result(s) found

**Sort: Quality**▼

[cordova-plugin-fullscreen](#)

v1.1.0 by **mesmotronic**



Plugin for Cordova (or PhoneGap) 3.0+ to enable true full screen on Android devices using lean and immersive

Last updated **481 days ago**

<https://cordova.apache.org/plugins>

# Cordova

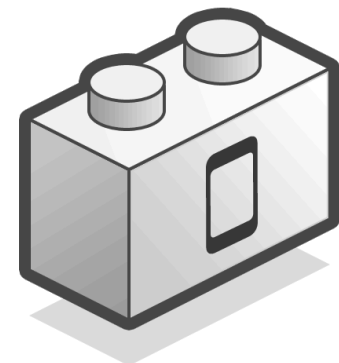
## Points forts

- **Performance Native (IOS/Android)**
- Une seule instance garder en cache
- Fluidité de l'application

## Points faibles

- **Du temps de test nécessaire sur chaque plugin.**
- Limitations et des divergences entre les plateformes

=> Bien connaitre le périmètre des différents plugins pour ne pas se trouver piégé.



# Ionic Native

## Intégrer le plugin dans Ionic

```
ionic cordova plugin add MY-PLUGIN-NAME
```

## Intégrer le plugin dans le composant

```
declare var window: any;
```

```
window.plugins.myplugin.someMethod()
```

# Ionic Native



<https://ionicframework.com/docs/native>



# Ionic Native

## Intégrer le plugin dans Ionic

```
ionic cordova plugin add PLUGIN-NAME
```

## Installer le module lié au plugin

```
npm install --save @ionic-native/plugin-name
```

# Ionic Native

## Utiliser Async / await

```
async nom_de_la_function() {  
  
    await this.platform.ready();  
  
    try {  
        await function_native();  
    }  
    catch(e) {  
        this.error = e;  
    }  
  
}
```

# Ionic Native

## Consignes

Intégrer le plugins de Ionic natif Camera sur la page Add

Intégrer le plugins de Ionic natif Camera sur la page Friends

Intégrer le plugins de Cordova ResizeImage sur la page Add sur la photo prise par la camera

# Builder sur iOS

Ionic View



Ionic View ne fonctionne pas  
correctement avec les plugins Cordova

# Builder sur iOS

## ID unique

L'ID du widget dans config.xml doit être unique

## Installer IOS Deploy

```
npm install -g ios-deploy
```

## Installer la plateforme pour iOS

```
ionic cordova platform add ios
```

## Builder l'application pour iOS

```
ionic cordova build ios
```

# Builder sur iOS



Open another project...

General Capabilities Resource Tags Info Build Settings Build Phases Build Rules

Display Name

Bundle Identifier

Version

Build

config.xml

☒ Automatically manage signing  
Xcode will create and update profiles, app IDs, and certificates.

Team

Provisioning Profile

Signing Certificate

Se connecter  
avec compte  
Apple

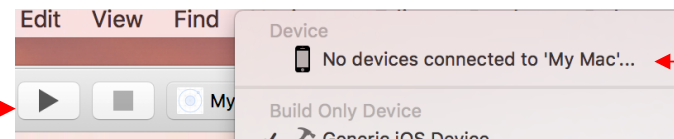
Deployment Target

Devices

iPhone

iPad

Et lancer!



Sélectionner  
l'appareil

# Builder sur iOS

## Autoriser sur son téléphone

1. Valider le 1<sup>er</sup> message qui apparaît
2. Menu General -> Gestion des appareils  
Faire confiance aux apps de ...

## Activation du debug sous Safari

<http://legacy.docs.ionic.io/docs/safari-inspector>

# Exercice sur les Pipes

## **git checkout step7**

### Consignes

Intégrer les pipes à friendsPage

Rappel: L'import des pipes dans Ionic 3 avec le lazyloading fonctionne comme les composant



# Projet final

```
git checkout final
```

Merci de votre attention