

Formation Android



Bonus DVD

Xavier MARIN



@XavMarin

<https://github.com/Giwi>

CTO chez @qaobee

Les bonus

1. [AndroidAnnotation](#)
2. [Les ressources utiles](#)
3. [Zut, j'ai un iPhone](#)

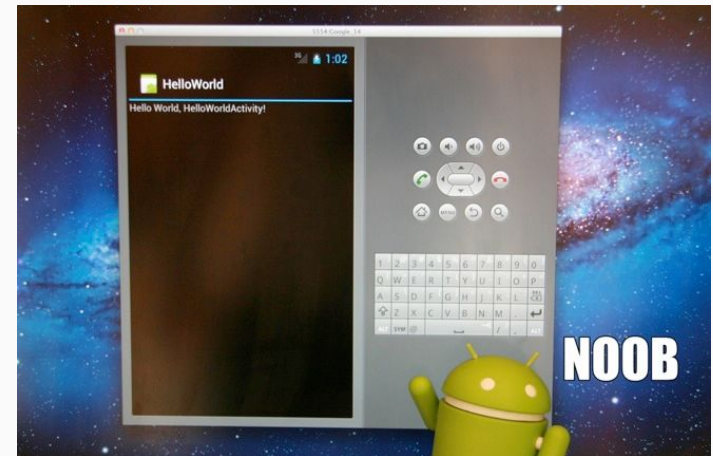


AndroidAnnotation

<http://androidannotations.org/>

Android?

Advanced apps?



Android Apps



Fart Sound Board

KAUFKOM GAMES APPS...

★★★★★ (34,121)

INSTALL



FartDroid Fart Mac...

NEATOFUN

★★★★★ (12,299)

INSTALL



Whoopee Cushion!...

FONCANNON INC

★★★★★ (23,439)

INSTALL



Who Farted ???

JAXILY

★★★★★ (3,619)

INSTALL



Big Fart Button

DEREK J ENTRINGER

★★★★★ (4,719)

INSTALL



Motion Fart ®

MADRABBIT

★★★★★ (3,278)

INSTALL

More apps results >

AndroidAnnotation

- Allez hop, au régime !!

Ce qu'il nous faut :

- Java 6 Annotation processor
- Générer des ressources à la compilation
- Avoir des erreurs de compilation (ou des warnings)



AndroidAnnotation

- @ViewById

```
EditText editText;
```

```
@Override
```

```
protected void onCreate(Bundle savedInstanceState) {
```

```
    // ...
```

```
    editText = (EditText) findViewById(R.id.editText);
```

```
}
```



```
@ViewById
```

```
EditText editText;
```

AndroidAnnotation

- @Click

```
@Override
protected void onCreate(Bundle savedInstanceState) {
    // ...
    Button button = (Button) findViewById(R.id.button);
    button.setOnClickListener(new OnClickListener() {
        @Override
        public void onClick(View v) {
            buttonClicked();
        }
    });
}

void buttonClicked() {
    // do something
}
```



```
@Click(R.id.button)
void buttonClicked() {
    // do something
}
```



```
@Click
void buttonClicked() {
    // do something
}
```


AndroidAnnotation

- @ItemLongClick
- @ColorRes
- @RootContext
- @StringRes
- @LongClick
- @TextRes
- @Put
- @InstanceState
- @UiThread
- @Trace
- @OptionsMenu
- @OptionsItem
- @Extra
- @ItemClick
- @SharedPreferences
- @SystemService
- @Bean @Get
- @Background
- @Rest
- @App
- @FragmentById
- @Delete @Accept
- @Touch
- @Head
- @AfterInject

<https://github.com/excilys/androidannotations/wiki/Cookbook>

Quelques liens

<https://android-arsenal.com/free>

2D Engines

- AndEngine
- cocos2d-android
- cocos2d-x
- flixel-gdx
- JustWeEngine New
- LiquidFun
- pjpegato/rokon
- PlayN
- Pure2D
- SDL
- WhorlView
- YoghurtGum

AOP

- Android Aspects
- AspectJ

APT

- ActivityScreens
- Akatsuki

3D Engines

- Dwarf
- Godot
- Irrlicht
- jMonkeyEngine
- jPCT AE
- libGDX
- Linderdaum
- min3d
- MonoGame
- Ogre
- Rajawali

ANR

- ANR-WatchDog

API

- Android Mandrill Interface
- AndroidStreamable
- Bitlyj
- Chamberlain MyQ SDK

9-Patch

- 9-Patch-Resizer
- Material Shadow 9-Patch
- shadow4android

ADB

- ADB for ARM
- adb-export
- adb-sync
- adbmaster
- Captain-ADB
- Dumpey
- fb-adb
- LayoutCast
- RoboGif

APK

- Android PluginManager
- apk-method-count
- BatchPackApk
- DecompileApk

Quelques Frameworks cross-plateform

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

- Javascript/HTML/CSS
- exports pour :
 - Android
 - iOS
 - BlackBerry
 - Windows
 - ...

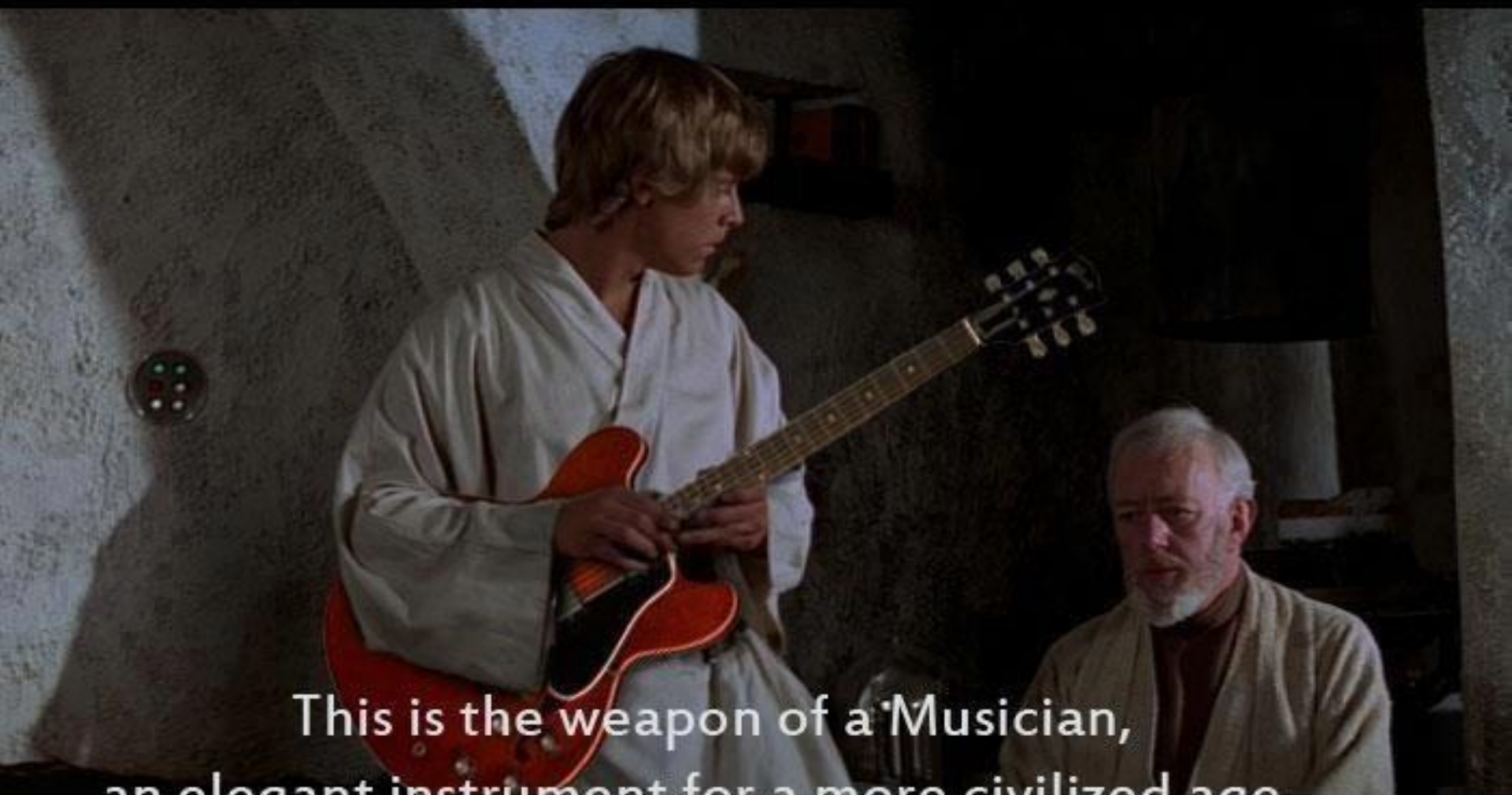
- <http://ionicframework.com/>

- AngularJS/HTML/CSS
- Framework responsive
- Basé sur Cordova

- <https://unity3d.com/>

- C#/Javascript/Python
- Exports pour Android, iOS, BlackBerry, Windows, Linux, PlayStation, Xbox, Wii, Oculus, ...





This is the weapon of a Musician,
an elegant instrument for a more civilized age. .
Before the dark times... before the X-Factor.