



JoomlaDayTM

FRANCE - 9 et 10 mai 2015

NICE

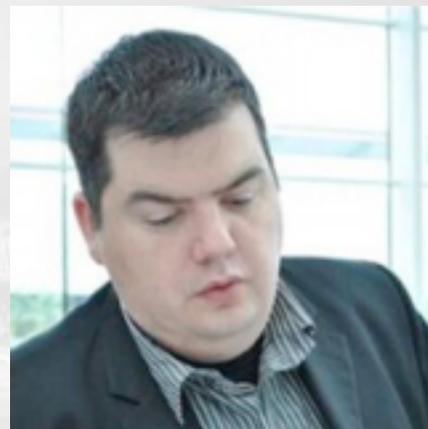
Twitter Hashtag
#jd15fr

organisé par

AFUJ
Association Francophone
des Utilisateurs de Joomla!®

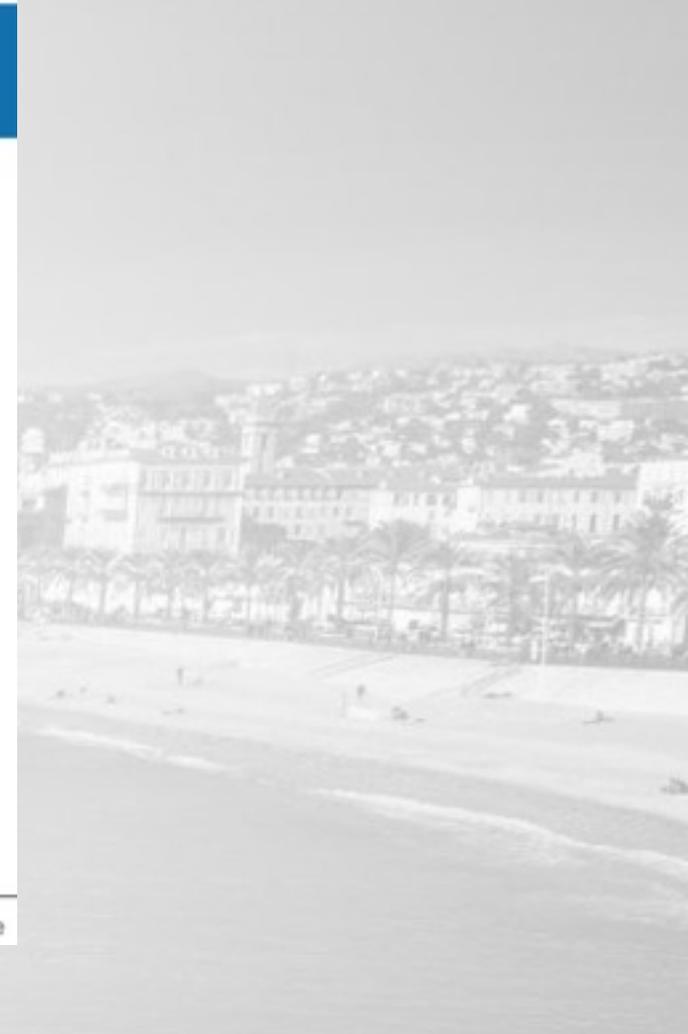
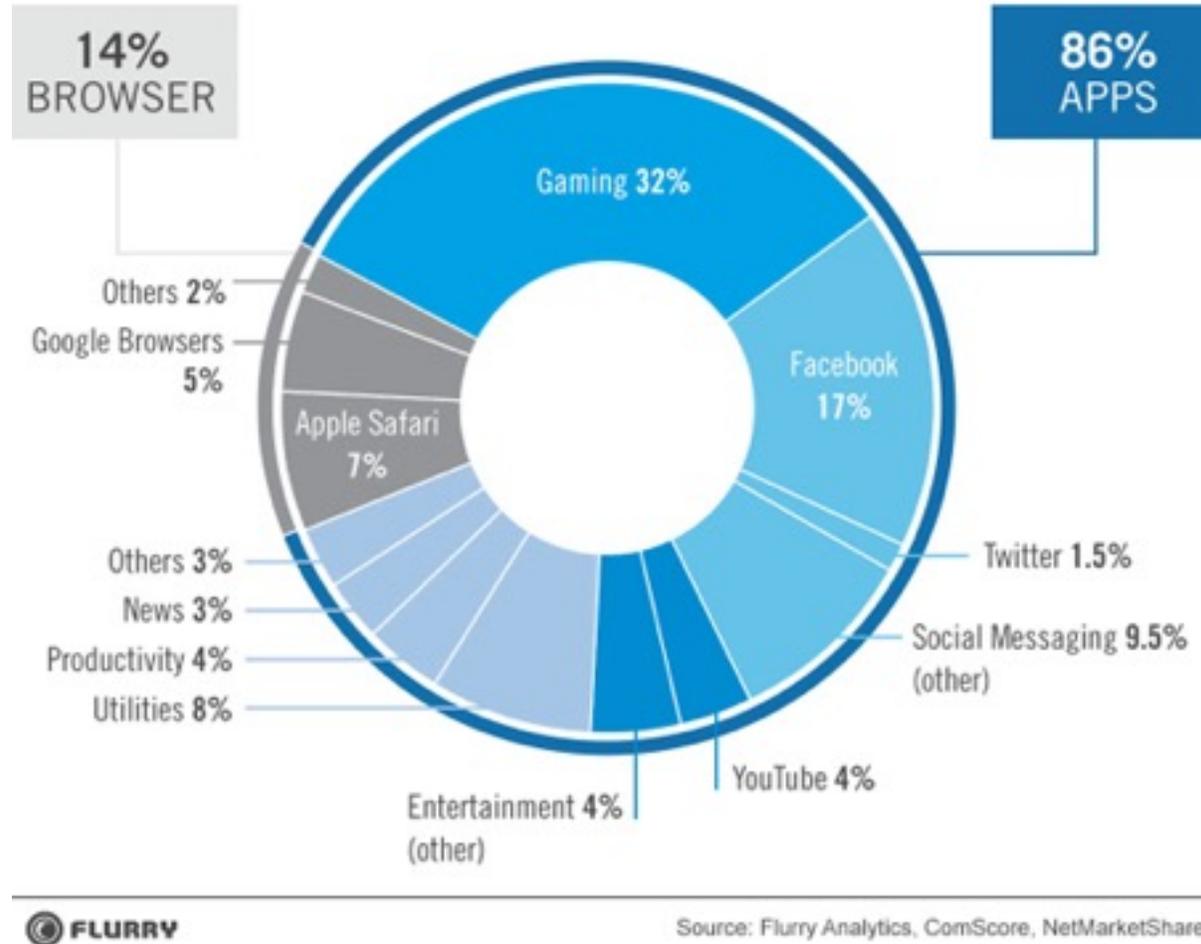


L'application smartphone connectée à Joomla!



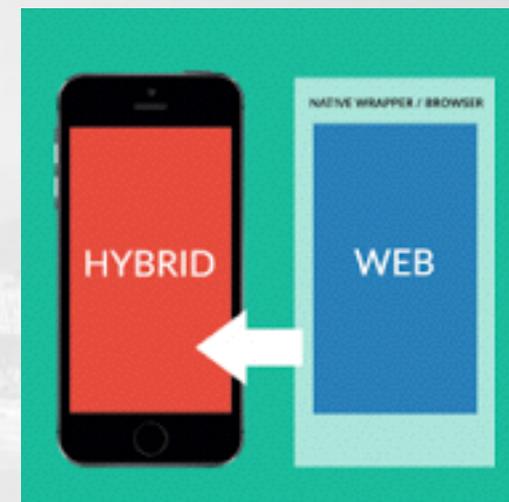
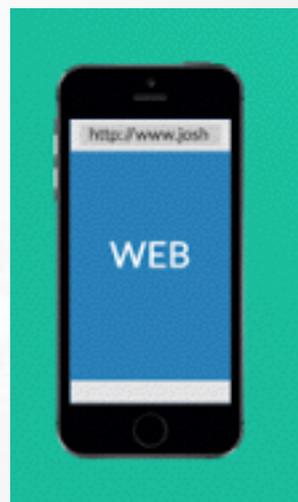
Par Yann Gomiero

Usage sur smartphone : 14% pour naviguer / 86% sur Application



Présentation / Pourquoi une application ?

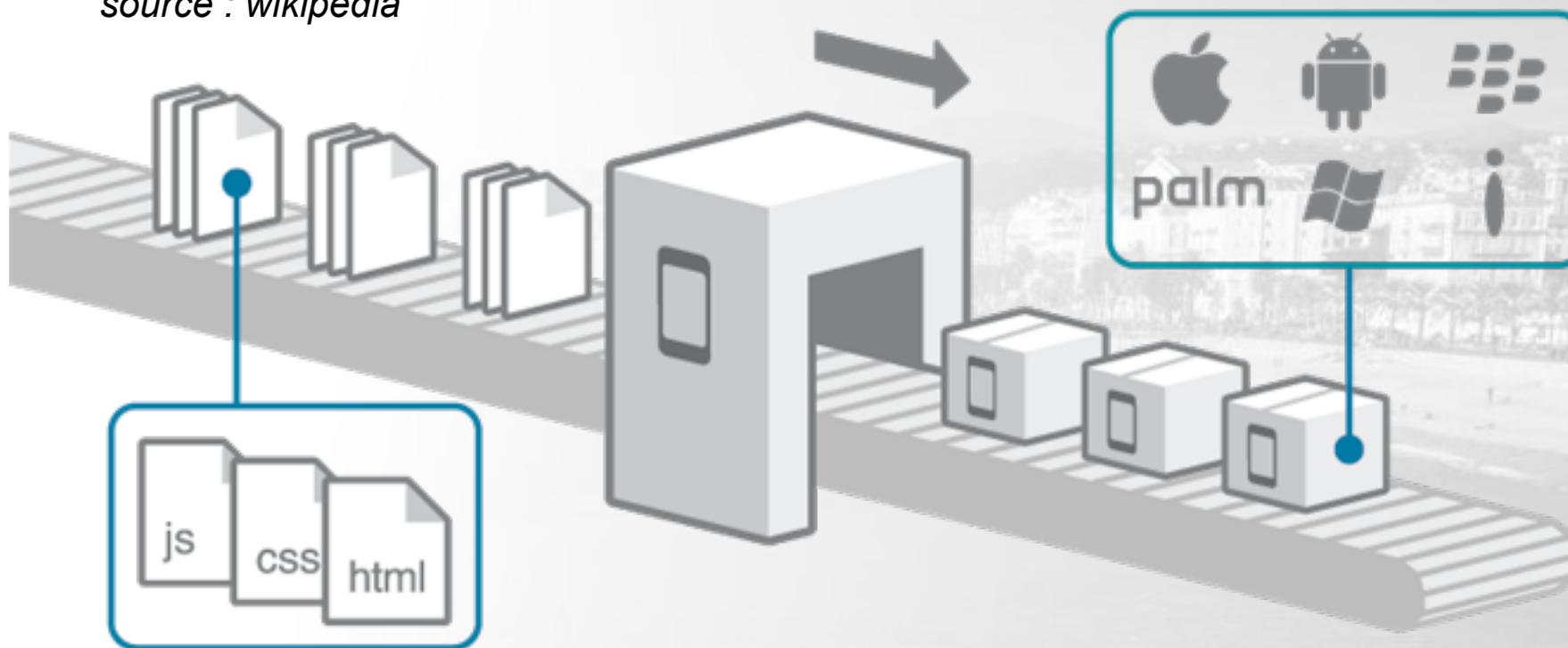
3 types d'application : NATIVE - WEB - HYBRIDE

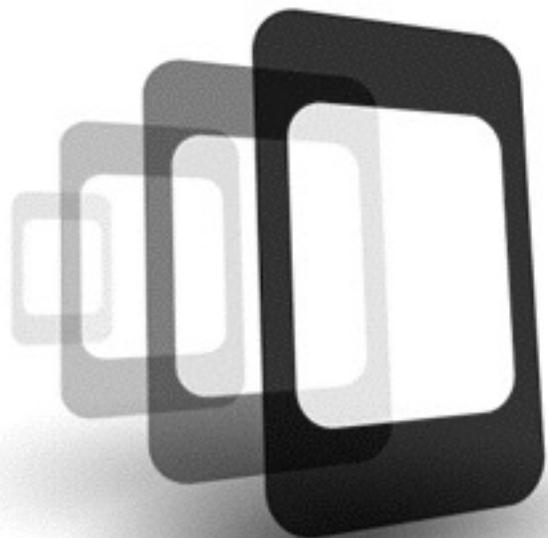


PhoneGap et Cordova

Apache Cordova ou plus anciennement Apache Callback ou PhoneGap, est un framework open-source développé par la Fondation Apache. Il permet de créer des applications pour différentes plateformes (Android, Firefox OS, iOS, Ubuntu, Windows 8...) en HTML, CSS et JavaScript.

source : wikipedia





PhoneGap

HTML5



Accelerometer
Camera
Capture
Compass
File

CSS 3



Connection
Contacts
Device
Events

JavaScript



Geolocation
Media
Notification
Storage

Installation des pre-requis



<https://nodejs.org/>

Pour ANDROID

Android SDK & « ant build tool »

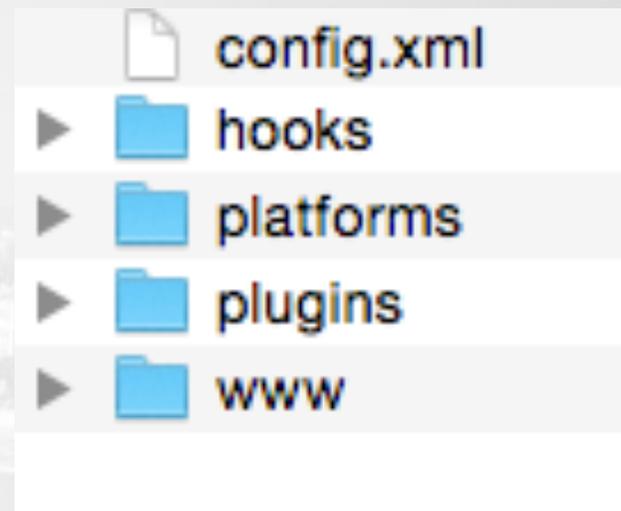
Pour IOS (Iphone, ipad...)

Un mac ! et une licence développeur

Création d'une application en 2 lignes de commande

```
cordova create dossier com.votreappli.nom Nomapplication && cd dossier
```

```
cordova platform add ios android
```



Tester en émulation (déconseillé)

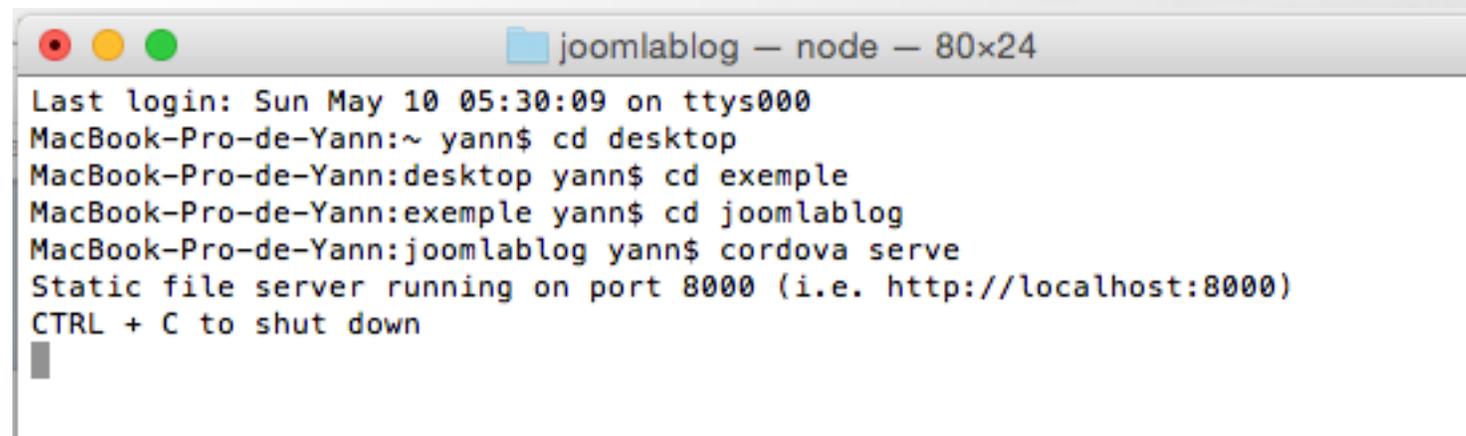
```
cordova emulate
```

Générer l'application Android non signé

`cordova build android --release`

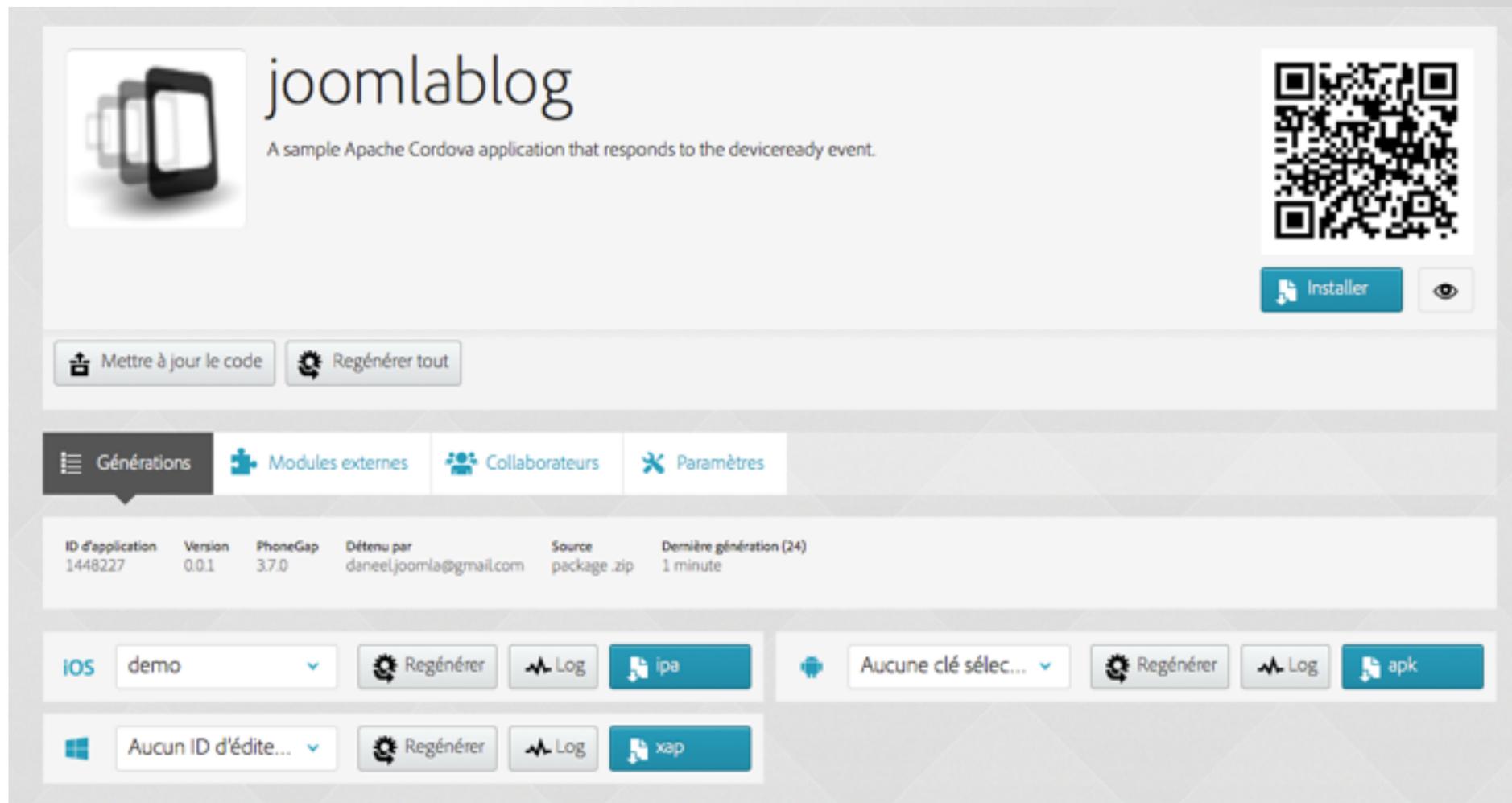
ou Tester via l'application cordova (android ou iOS)

`cordova serve`

A terminal window titled 'joomlablog — node — 80x24' showing the following text:

```
Last login: Sun May 10 05:30:09 on ttys000
MacBook-Pro-de-Yann:~ yann$ cd desktop
MacBook-Pro-de-Yann:desktop yann$ cd exemple
MacBook-Pro-de-Yann:exemple yann$ cd joomlablog
MacBook-Pro-de-Yann:joomlablog yann$ cordova serve
Static file server running on port 8000 (i.e. http://localhost:8000)
CTRL + C to shut down
```

Générer l'application via build.phonegap.com



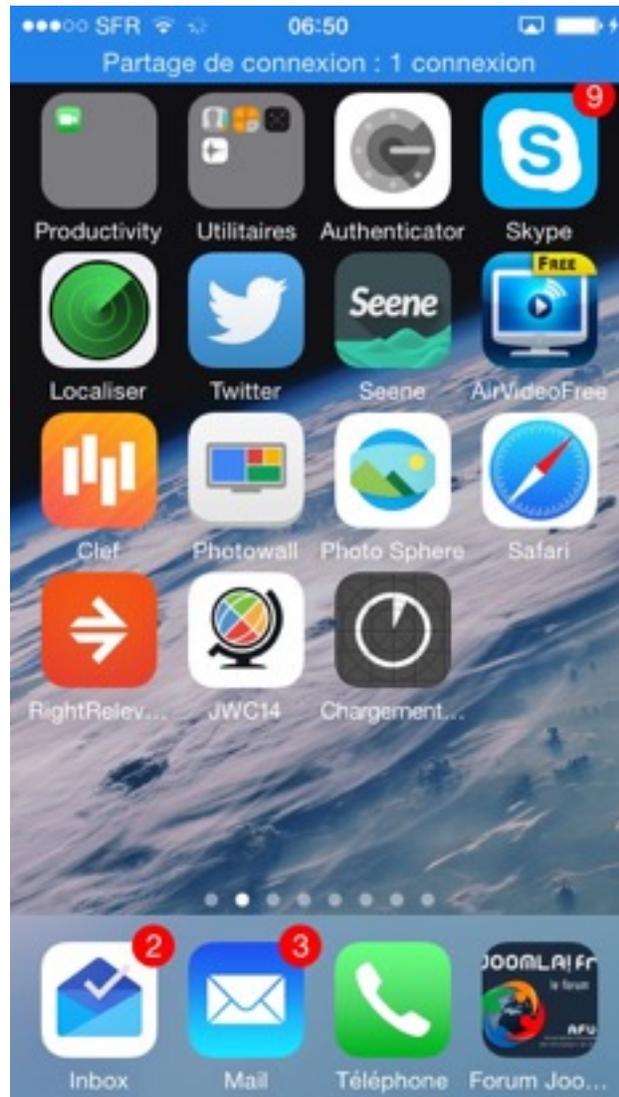
The screenshot shows the build.phonegap.com interface for an application named "joomlablog". The application is described as "A sample Apache Cordova application that responds to the deviceready event." A QR code is visible in the top right corner, and an "Installer" button is located below it. The interface includes a navigation menu with options: "Génération", "Modules externes", "Collaborateurs", and "Paramètres". Below the menu, a table displays application details:

ID d'application	Version	PhoneGap	Développé par	Source	Dernière génération (24)
1448227	0.01	3.7.0	daneeljoomla@gmail.com	package .zip	1 minute

At the bottom, there are three rows of controls for different platforms:

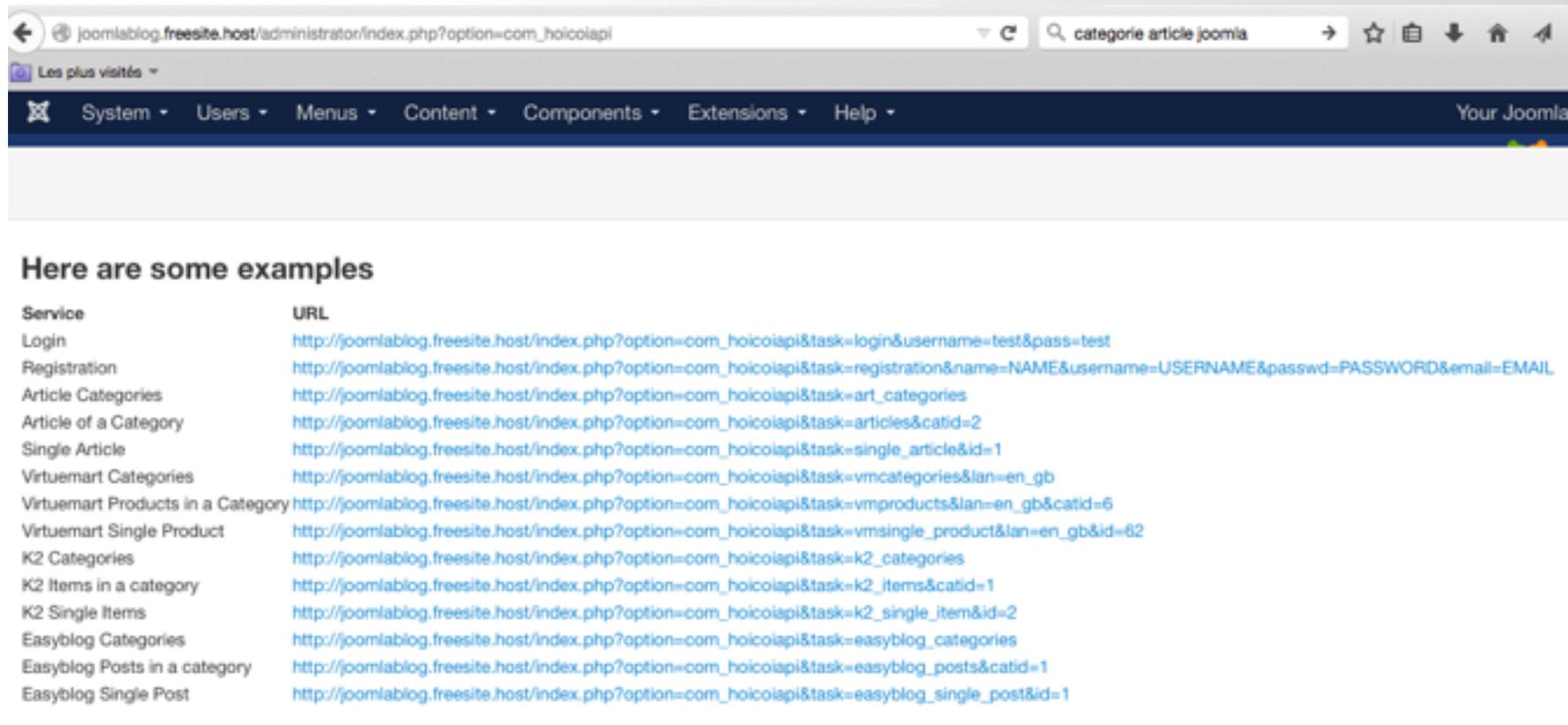
- iOS**: dropdown menu set to "demo", buttons for "Regénérer", "Log", and "ipa".
- Android**: dropdown menu set to "Aucune clé sélec...", buttons for "Regénérer", "Log", and "apk".
- Windows**: dropdown menu set to "Aucun ID d'édi...", buttons for "Regénérer", "Log", and "xap".

Installation directe sur smartphone et tablette



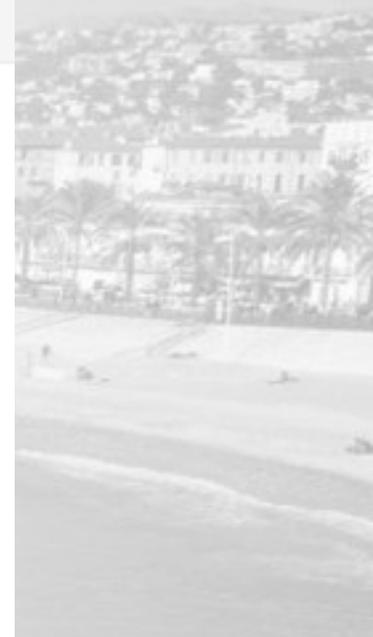
Joomla API for mobile apps : hoicoiapi

https://github.com/jibon57/Joomla_API



The screenshot shows the Joomla! administrator interface. The browser address bar displays the URL: `joomlablog.freesite.host/administrator/index.php?option=com_hoicoiapi`. The search bar contains the text "categorie article joomla". The navigation menu includes "System", "Users", "Menus", "Content", "Components", "Extensions", and "Help". The main content area is titled "Here are some examples" and contains a table of API services and their corresponding URLs.

Service	URL
Login	http://joomlablog.freesite.host/index.php?option=com_hoicoiapi&task=login&username=test&pass=test
Registration	http://joomlablog.freesite.host/index.php?option=com_hoicoiapi&task=registration&name=NAME&username=USERNAME&passwd=PASSWORD&email=EMAIL
Article Categories	http://joomlablog.freesite.host/index.php?option=com_hoicoiapi&task=art_categories
Article of a Category	http://joomlablog.freesite.host/index.php?option=com_hoicoiapi&task=articles&catid=2
Single Article	http://joomlablog.freesite.host/index.php?option=com_hoicoiapi&task=single_article&id=1
Virtuemart Categories	http://joomlablog.freesite.host/index.php?option=com_hoicoiapi&task=vmcategories&lan=en_gb
Virtuemart Products in a Category	http://joomlablog.freesite.host/index.php?option=com_hoicoiapi&task=vmproducts&lan=en_gb&catid=6
Virtuemart Single Product	http://joomlablog.freesite.host/index.php?option=com_hoicoiapi&task=vmsingle_product&lan=en_gb&id=62
K2 Categories	http://joomlablog.freesite.host/index.php?option=com_hoicoiapi&task=k2_categories
K2 Items in a category	http://joomlablog.freesite.host/index.php?option=com_hoicoiapi&task=k2_items&catid=1
K2 Single Items	http://joomlablog.freesite.host/index.php?option=com_hoicoiapi&task=k2_single_item&id=2
Easyblog Categories	http://joomlablog.freesite.host/index.php?option=com_hoicoiapi&task=easyblog_categories
Easyblog Posts in a category	http://joomlablog.freesite.host/index.php?option=com_hoicoiapi&task=easyblog_posts&catid=1
Easyblog Single Post	http://joomlablog.freesite.host/index.php?option=com_hoicoiapi&task=easyblog_single_post&id=1



Exemple liste d'articles d'une catégorie au format JSON

http://joomlablog.freesite.host/index.php?option=com_hoicoiapi&task=articles&catid=2

String parse	JS eval
<pre>[{ "article_id": "1", "title": "Getting Started", "introtext": "<p>It's easy to get started creating your website. Knowing some of the basics will help.</p><h3>What is a Content Management System?</h3><p>A content management system is software that allows you to create and manage webpages easily by separating the creation of your content from the mechanics required to present it on the web.</p><p>In this site, the content is stored in a database. The look and feel are created by a template. Joomla! brings together the template and your content to</pre>	<pre>[{ "article_id": "1", "title": "Getting Started", "introtext": "<p>It's easy to get started creating your website. Knowing some of the basics will help.</p><h3>What is a Content Management System?</h3><p>A content management system is software that allows you to create and manage webpages easily by separating the creation of your content from the mechanics required to present it on the web.</p><p>In this site, the content is stored in a database. The look and feel are created by a template. Joomla! brings together the template and your content to</pre>



Joomla API for mobile apps : hoicoiapi vers application

Copier le contenu de l'archive www dans votre application
editer le fichier js pour insérer votre lien de site puis
générer l'application

Exemple fourni en code source
Application important article de Joomla d'une catégorie
<http://joomlablog.freesite.host/>



NOTIFICATION

PUSHWOOSH pour Phonegap

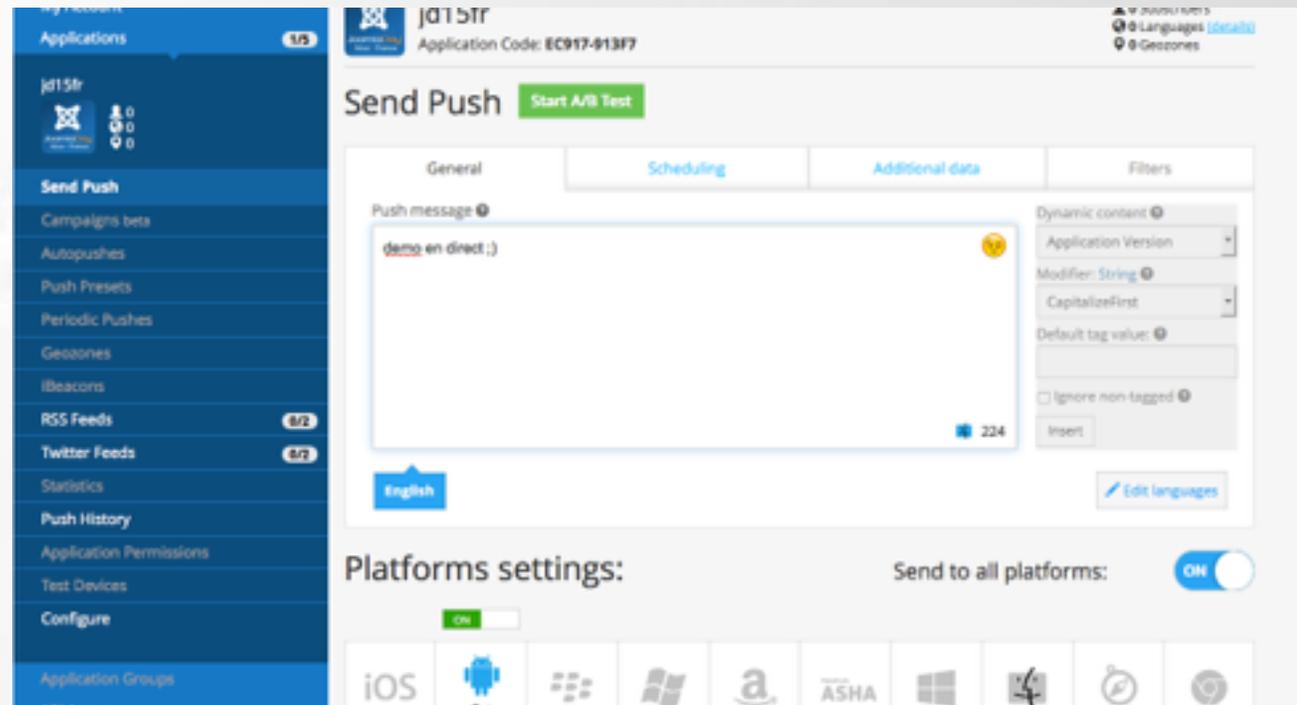


Gratuit pour 1,000,000 devices
et 5 applications

phonegap plugin add <https://github.com/Pushwoosh/pushwoosh-phonegap-3.0-plugin.git>

ajouter dans le fichier config.xml :
<access origin="*.pushwoosh.com" />

Plus d'infos et exemple (sample) :
<http://url.afuj.fr/pushwoosh>



iOS  0        

Header 

Sound 
  

LED 
 

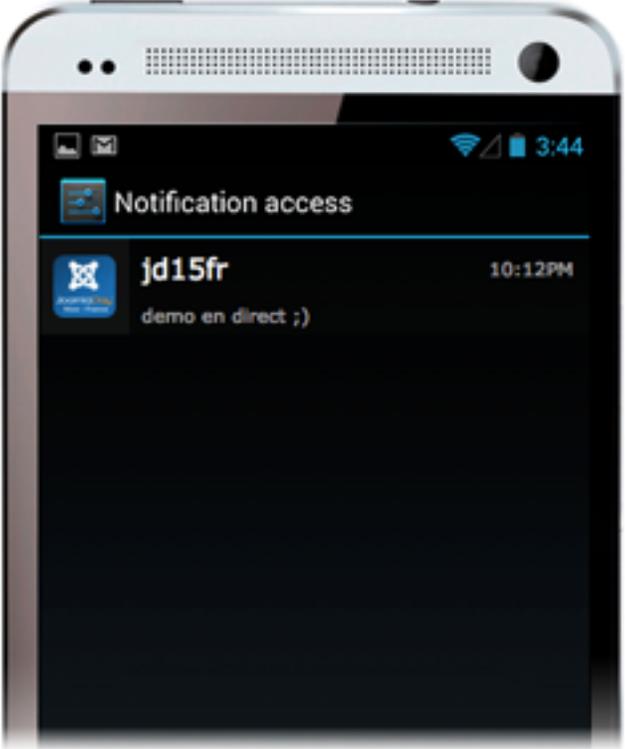
Force Vibration 
 OFF 

Icon 

Banner 

Expiration time: 
 0 2 hours 12 hours 1 week

 1 week





Autre plugin API, Autres fonctionnalités

<http://plugreg.com/plugins>

GoogleMap

Vibration & orientation

Partage réseau sociaux

Générateur SMS

Reconnaissance vocale

Kit Santé

Gestion de la publicité

Apple Watch

Réalité augmentée

... cordova plugin add _____

Adding a 3rd dimension with visual SLAM

3D recognition & tracking

Coming soon

high rise church steeples as seen before World War II.



Idées de création d'application

Catalogue E-commerce en application,

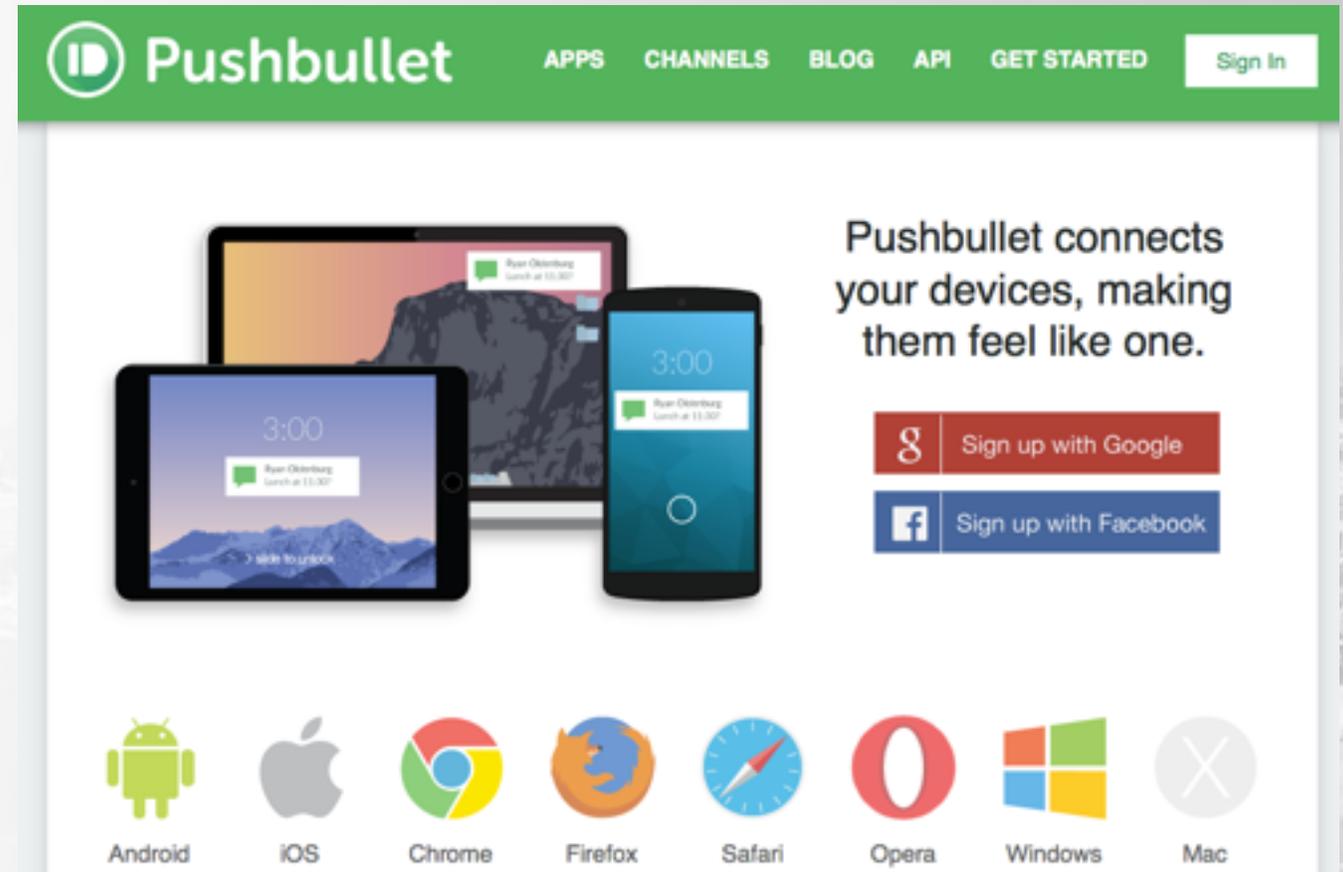
Blog,

Annuaire, agenda,

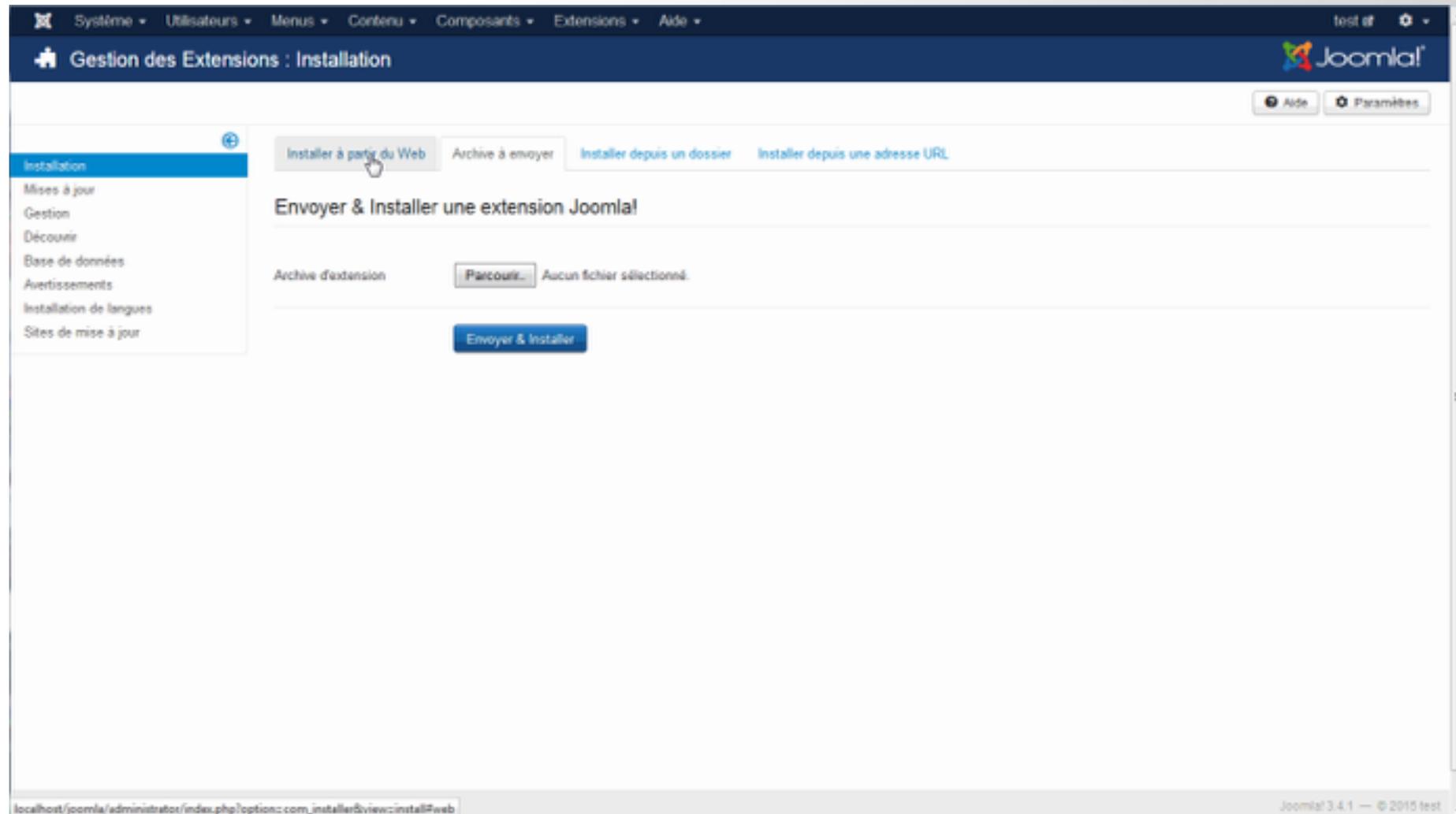
monitoring (avec push)

Alertes de sécurité ...

... exemple : pushbullet.com



Idées d'applications : Annuaire d'extensions



Le futur du développement d'application ?

réalisé avec famo.us de Newcomb

Firebase + Famo.us



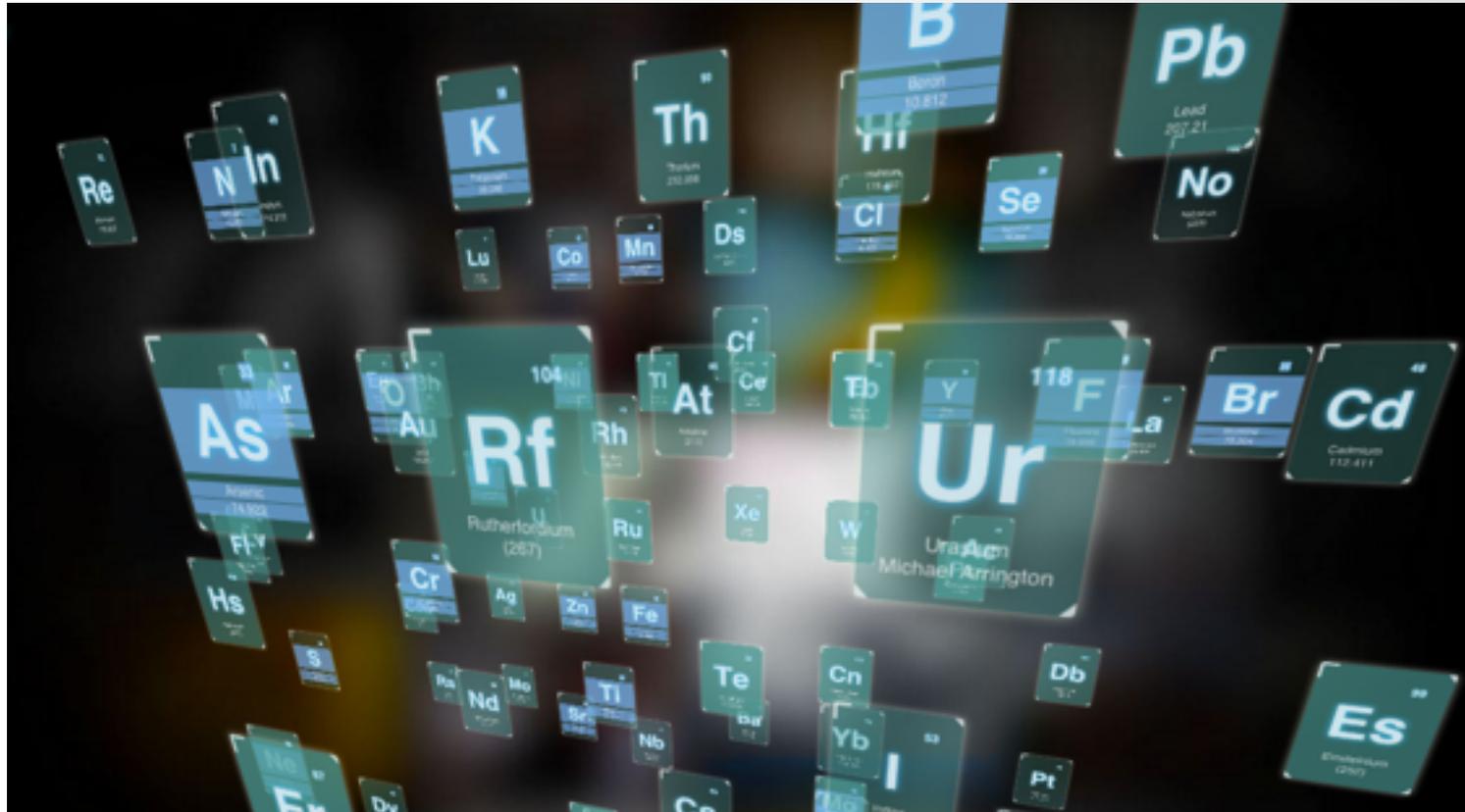
Firefeed

<https://firefeed.io/>

Le futur du développement d'application ?

réalisé avec famo.us de Newcomb

<http://disrupt.famo.us/periodic402/>



DES QUESTIONS ?

MERCI !