

Deep into FBJS

Advanced JavaScript User Interface for Facebook
Applications

Speaking about User Interface

Look & Feel

Efficiency

Speed

Design



Client development

Interactions



Everybody uses Flash...

Flash ?



What's wrong about Flash ?

- Loading time
- Heavy swf
- Third party plugins
- Proprietary technologies
- Closed binaries
- No accessibility
- Poor referencement

But there is also JavaScript

JavaScript !



Javascript is awesome...

- No loading times
- Open Technologies
- W3C compliant
- DOM Manipulations - CSS based design
- User's default settings (scroll bars, text size)

We're talking about Facebook Applications

Facebook provides tools for developers

- FBML
- Restful API
- FQL
- ...

... and Javascript Helpers !

Javascript API Animation FBJS



What is Javascript API

- Set of tools provided and maintain by Facebook
- Dialogs (Stream Publisher, Permissions...), Ajax, FBML Blocks
- Connect features

What Animation is for ?

- Facebook effects Library
- CSS Based and Open Source
- For canvas applications and your own site

Is FBJS Magic ?

- Build for security reason
- No iframe required
- Layer above JavaScript
- Acts as a scope
- Provide accessors to classical attributes

Why should you use it ?



Because it's integrated in Facebook

Because it's cross browser

You can use FBML

It's easy to use (as close as possible to
regular JavaScript)



Can we use frameworks ?

No !

I mean not the regular ones



YAPS

Available for free, right now !



- <http://github.com/meuble/yaps>
- Prototype Port
- Allow object oriented JavaScript
- Helpers and shortcuts
- Open Source

YAPS can be used with some libraries, such as ...



Drag&Drop

- <http://github.com/meuble/yaps>
- Extracted from Script.aculo.us
- Selection made easy

Yapopup

- <http://github.com/meuble/Yapopup>
- Custom Popups (size, style)
- Callbacks

Sliders

- Not released yet
- Custom content (texts, images, ajax calls)
- Vertical or Horizontal

Coming soon...

- Image manipulation (crop, resize, ...)
- Charts and Graph library

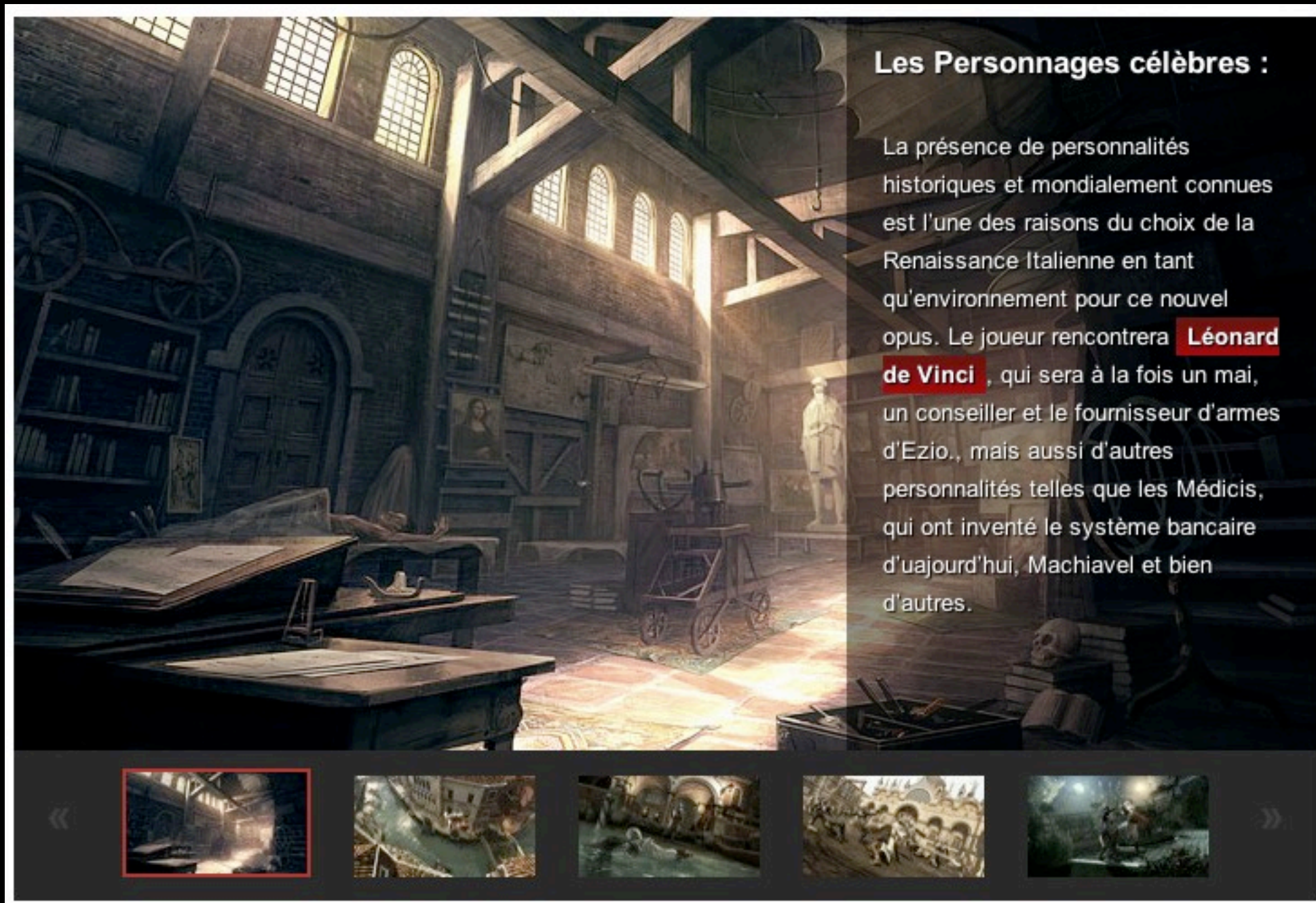
The world is open...

Some real world demos ?



Slider : carousel and diaporama

<http://www.facebook.com/assassinscreed.france>



Les Personnages célèbres :

La présence de personnalités historiques et mondialement connues est l'une des raisons du choix de la Renaissance Italienne en tant qu'environnement pour ce nouvel opus. Le joueur rencontrera **Léonard de Vinci**, qui sera à la fois un maître, un conseiller et le fournisseur d'armes d'Ezio., mais aussi d'autres personnalités telles que les Médicis, qui ont inventé le système bancaire d'aujourd'hui, Machiavel et bien d'autres.

Slider : carousel

<http://www.facebook.com/KAwards>



Yapopup

<http://www.facebook.com/KAwards>



made possible by Ford 

Votez et soutenez votre artiste préféré
Gagnez une Ford Ka et plein d'autres cadeaux sur
www.kawards.fr



Voici les 3 outils mis à votre disposition pour soutenir les artistes. Utilisez-les bien !

1. Diffusez ce lien à un maximum de personnes pour qu'elles votent pour **Tiffany Ciely** !

<http://kawards.appliz.com/artists/8/affiliate?token=74ecaa868ae4089a9e0780237a401437>

2. Publiez sur votre Mur la participation de **Tiffany Ciely** pour faire voter vos amis

Publier un feed

3. Invitez vos amis à voter pour **Tiffany Ciely**

Inviter mes amis

Découvrir les votes de mes amis

Publier une actualité Fermer mon Mur après avoir voté

Drag & Drop

<http://www.facebook.com/Recettes.faciles>

The screenshot shows a Facebook game interface. On the left, there are eight character icons with labels: 'maigre' (thin woman), 'geek' (man with laptop), 'gourmand' (man with food), 'alcoolique' (man with bottle), 'amoureuse' (woman with hearts), 'maladroite' (woman with falling food), 'reueur' (man with smiley), and 'ronchon' (man with crossed arms). In the center, a robot waiter stands behind a table with a red and white checkered tablecloth and a white menu card. The background is a blue sky with snowflakes and a full moon. Below the table, there is a red Christmas stocking. A text box above the table contains a grid of empty slots, with one slot containing a small icon of a man holding a bottle. Below the table, the text reads: 'Une fois tout le monde à sa place, clique sur «Choisis ton menu».' At the bottom center, there is a red button with the text 'CHOISIS TON MENU'. On the right side, there is a vertical column of ten small profile pictures of various users.

Drag & Drop

<http://www.facebook.com/Recettes.faciles>

The screenshot shows a Facebook application interface for 'Recettes faciles'. On the left, there is a grid of character icons with labels: 'maigre' (thin), 'geek' (with a laptop), 'gourmand' (with a turkey), 'alcoolique' (with a bottle), 'amoureuse' (with a heart), 'maladroite' (with a spill), 'reueur' (with a smiley face), and 'ronchon' (with a tie). The central area features a festive winter-themed background with a robot waiter and a menu board. A user's profile picture is being dragged into one of the menu slots. Below the menu board, the text reads: 'Une fois tout le monde à sa place, clique sur «Choisis ton menu».' At the bottom center is a large orange button labeled 'CHOISIS TON MENU'. On the right side, there is a vertical column of various user profile pictures.