Development workflow with Cocktail and NME

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2005 => Java & JEE developer

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2009 => as2, as3 & Silex CMS

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2011 => Haxe

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now => freelance

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web

mobile

cross-platform

cloud services

video players

e-learning

Development workflow

Contributions

Use cases and limitations

Development workflow

Development workflow > step 1 - the HTML5 target

HTML

CSS

Haxe js

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- development with HTML API

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- debugging in web browser :

  DOM inspector,

  js console

  …

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- write your unit tests

Development workflow > step 2 - the Flash / AIR target

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Haxe js

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- compilation with Cocktail

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- compilation with Cocktail

- potential bug fixing in Cocktail

Development workflow > step 2 - the Flash / AIR target

HTML
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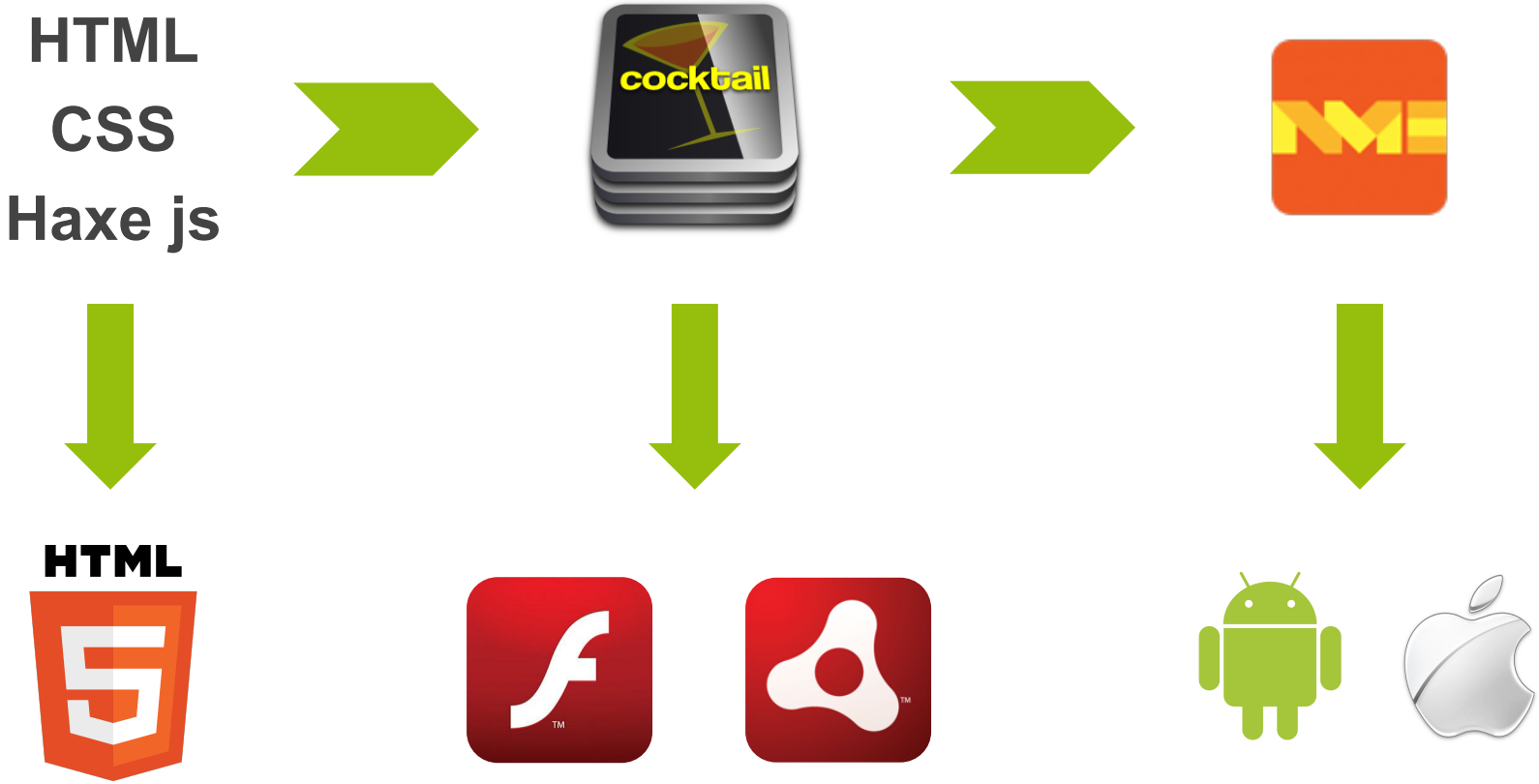
- compilation with Cocktail

- potential bug fixing in Cocktail

- run your unit tests in
Flash player / AIR runtime

Development workflow > step 3 - the native targets



Development workflow > step 3 - the native targets

- compilation with Cocktail and NME

Development workflow > step 3 - the native targets

- compilation with Cocktail and NME

- potential bug fixing in NME or hxcpp

Development workflow > step 3 - the native targets

- compilation with Cocktail and NME

- potential bug fixing in NME or hxcpp

- run your unit tests on each targeted native platform

Contributions

Contributions > Ebuzzing - Buzz player

- available on Flash and HTML5
- Youtube and Dailymotion video streaming
- advertising injection
- social networks sharing
- 15 million views by month

Contributions > Ebuzzing - Buzz player

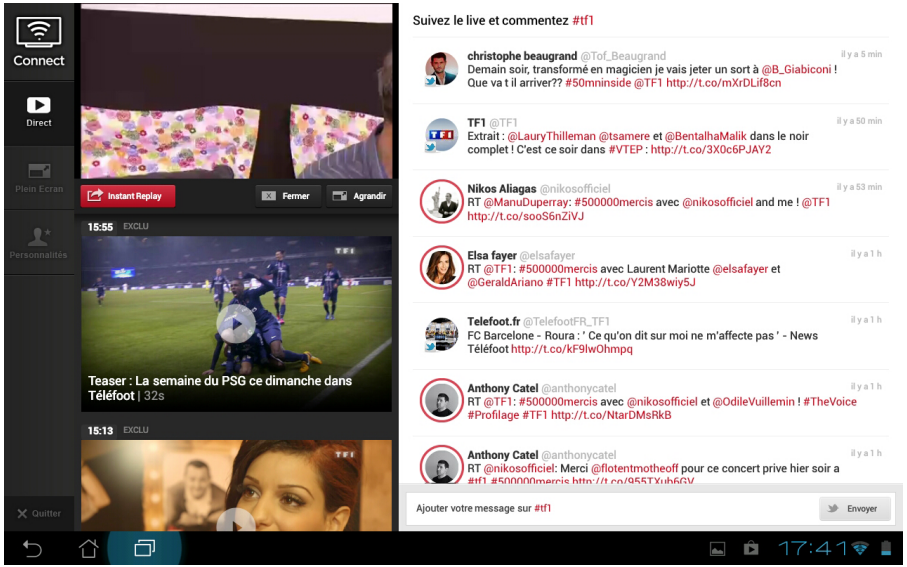
- CSS parsing &
independant stylesheets support

- Video support

- performances

- bug fixes

Contributions > TF1 - MyTF1 Connect

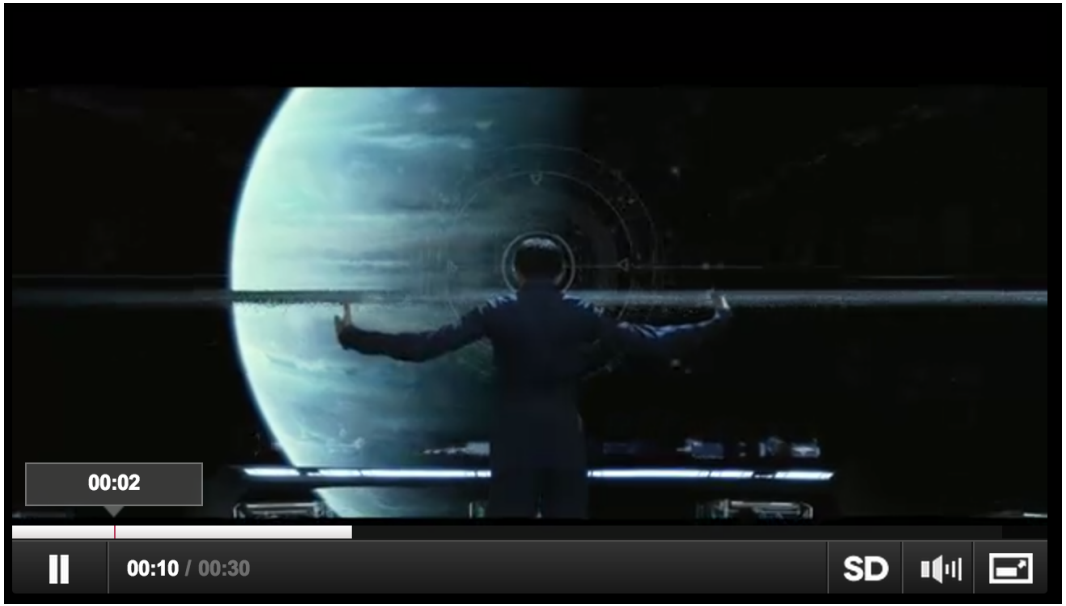


- available on Adobe AIR
- plays TF1 live streams
- live comments, votes, interactions on social platforms (Twitter, Facebook)
- TF1 and partners VOD

Contributions > TF1 - MyTF1 Connect

- performances
- bug fixing

Contributions > TF1 - X player



- available on HTML 5,
  Flash, native iOS
  and native Android,

- available both as app
  and SDK (native app fragment).

Contributions > TF1 - X player

- performances and bug fixes
  on Android and iOS

- Add two new iOS and android targets:
  iosview and androidview

- Add iOS and Android video support

- improve NME - Cocktail compatibility

Use cases and limitations

Limitations

Cocktail

- not yet complete implementation (CSS features, …)

NME

- complex, not easy to start contributing to

Both large and complex libraries that require knowledge in:

haxe, js, cocktail, NME, flash, c/cpp, obj c, java + tests & tools

What for?

- HTML API

- target web and native platforms

- no compromise on native performances and compatibility

- take ownership on the technologies you use and contribute to them

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Thank you !

Any questions ?

DEMO APP AVAILABLE AT:

https://github.com/zabojad/wwx2014-cocktail-nme