

XML technologies on the client: Ubiquitous XForms, Webforms-A, and "Beyond Forms"

Ubiquitous XForms

Enabling adoption of XML technologies through zero-install Javascript tag libraries

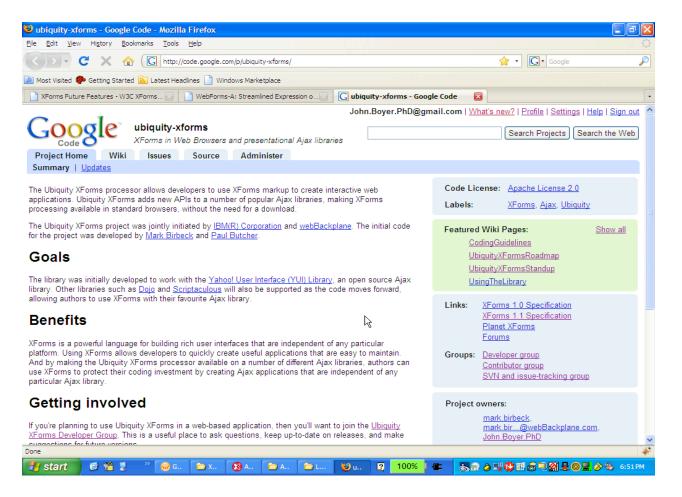
Webforms-A

- Incremental set of attributes in HTML for "on the glass" authoring of forms
- Preserve HTML syntax but converge with XForms architecture

Beyond Forms

- "Bite size" specs for easier consumption
- Having some fun: examples of composition using forms modules

Ubiquitous XForms Library in Google Code



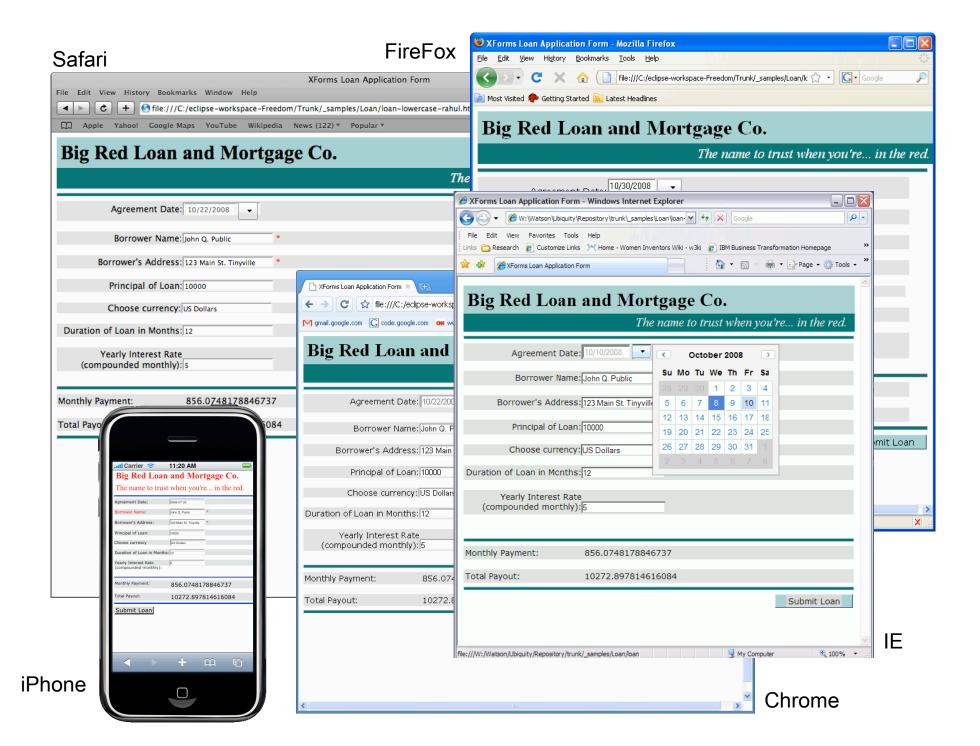
XML delivered to client

Preserve document model as authored

Tag library implementation in script

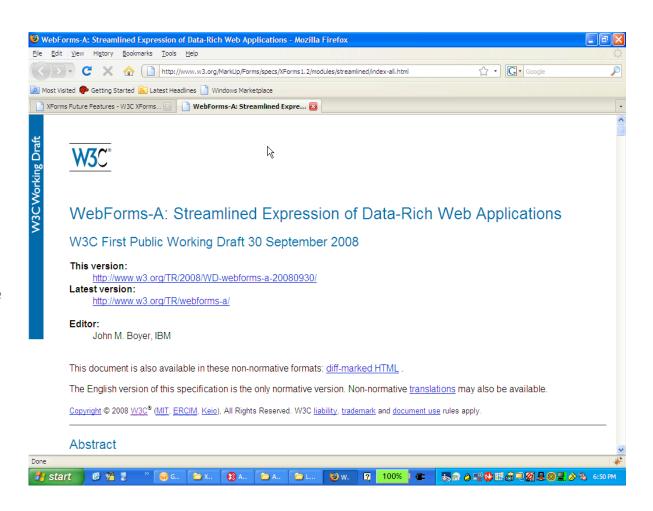
Zero install

http://code.google.com/p/ubiquity-xforms/



Webforms-A: Streamlined Syntax for Rich Web Apps

- Incremental set of attributes in HTML for "on the glass" authoring of forms
- Preserve HTML syntax but converge with XForms architecture

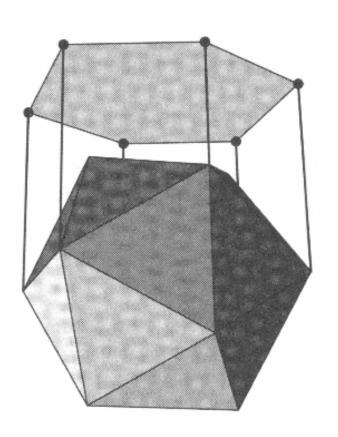


Webforms-A as a projection of XForms onto the glass

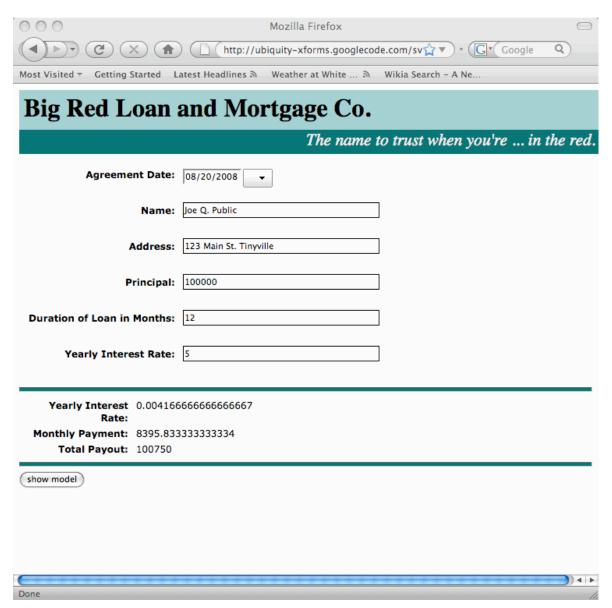
Webforms-A

```
<input name="addr"
datatype="string"
value="123 Main Street"
constraint="string-length(.) > 0" />
```

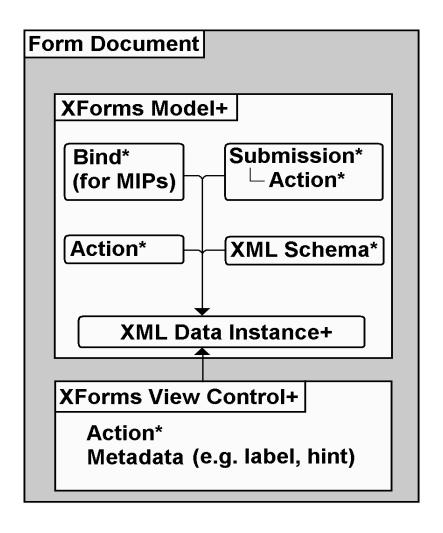
XForms equivalent

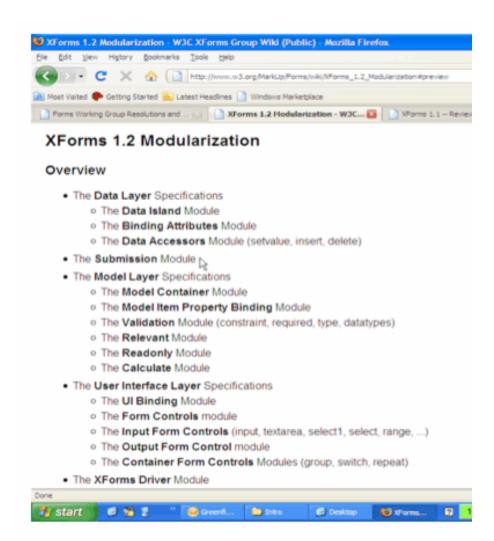


Webforms-A: Implementation in the Ubiquity XForms open source project



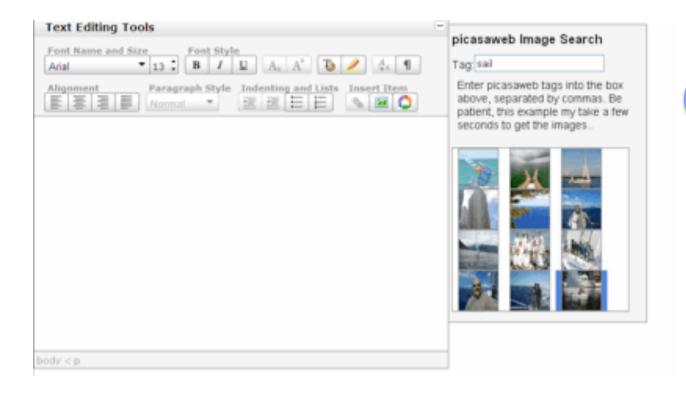
Modularization of XForms 1.2

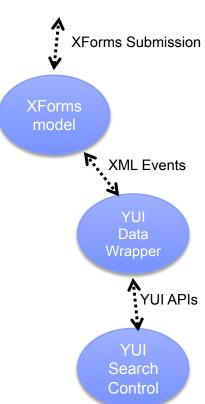




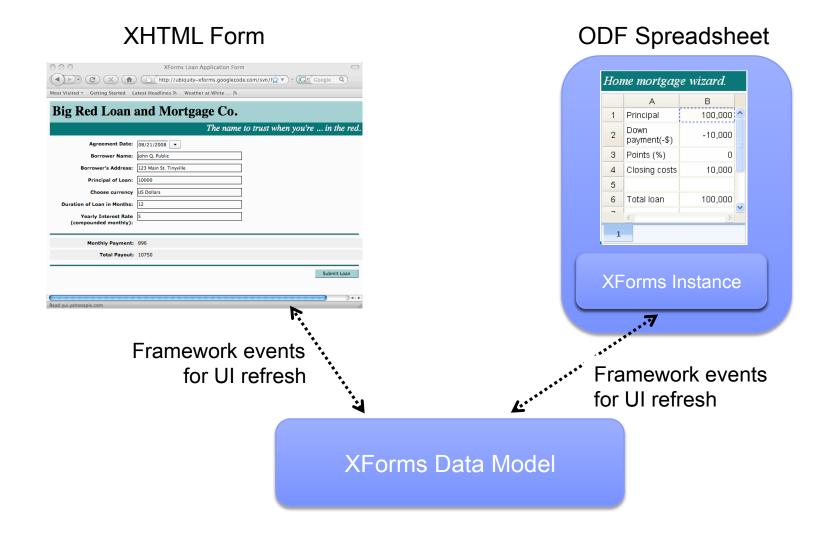
Beyond Forms: Building blocks for open RIAs:

Example: XForms data model as YUI data provider

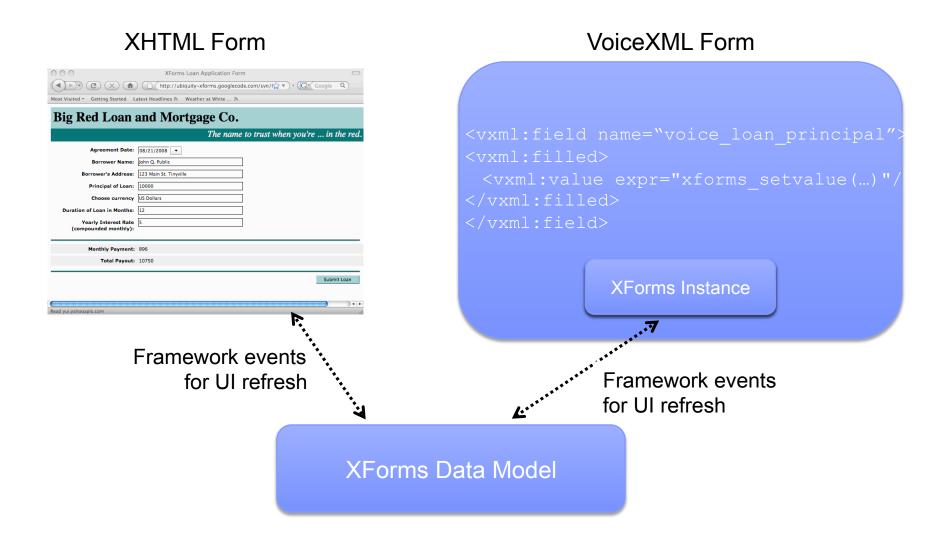


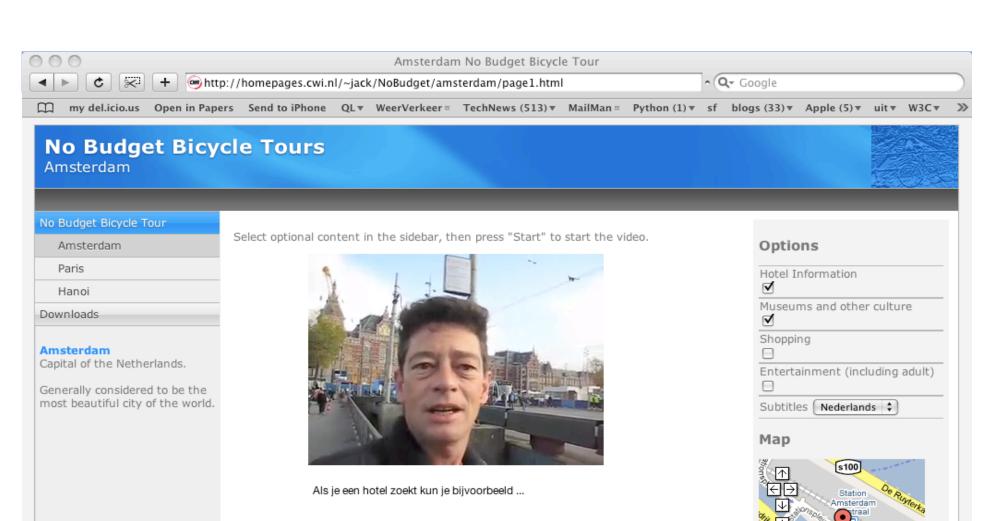


Data Backplane: ODF and XHTML



Data Backplane: VoiceXML and XHTML





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Searches

Search: hotel amsterdam

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Websites Referenced

VVV (Municipal Tourist Information)

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Data Backplane: SMIL and XHTML

