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KOREA mobile WEB2.0 FORUM

Rich Web Client Activity

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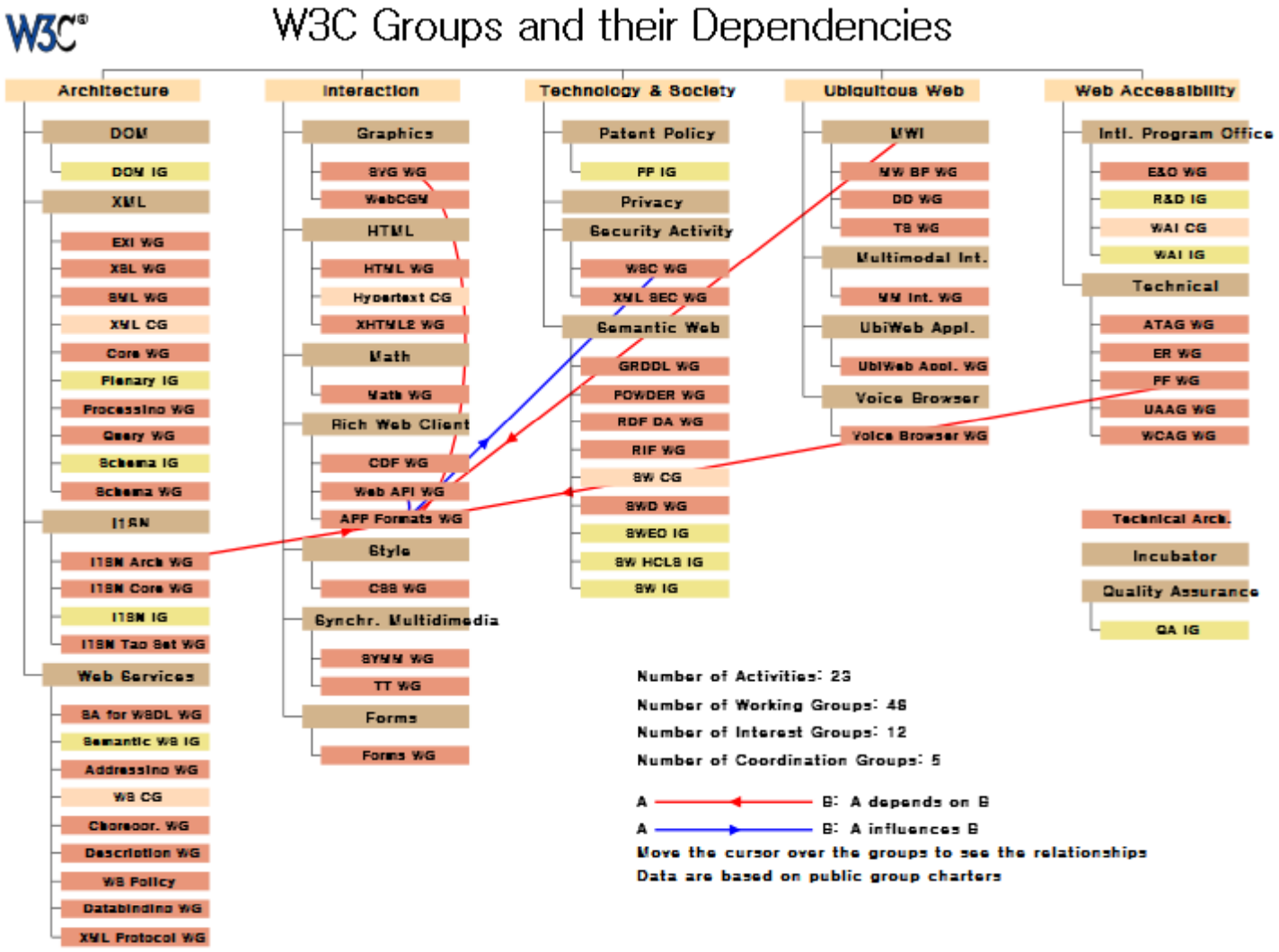
Rich Web Client Activity



Compound Document Formats WG

- Compound Document Use Cases and Requirements Version 2.0: Working Draft
  - 19 December 2005, Petri Vuorimaa, Steve Speicher
- Compound Document by Reference Framework 1.0: Working Draft in Last Call
  - 22 November 2006, Timur Mehrvarz, Julien Quint, Lasse Pajunen, Daniel Appelquist
  - Last Call Ends 19 December 2006
- Compound Document by Reference Use Cases and Requirements Version 1.0: Group Note
  - 19 December 2005, Antoine Quint, Timur Mehrvarz, Daniel Appelquist
- WICD Core 1.0: Working Draft in Last Call
  - 22 November 2006, Julien Quint, Timur Mehrvarz, Lasse Pajunen, Daniel Appelquist
  - Last Call Ends 19 December 2006 a
- WICD Full 1.0: Working Draft in Last Call
  - 22 November 2006, Julien Quint, Timur Mehrvarz, Lasse Pajunen, Daniel Appelquist
  - Last Call Ends 19 December 2006
- WICD Mobile 1.0: Working Draft in Last Call
  - 22 November 2006, Julien Quint, Timur Mehrvarz, Lasse Pajunen, Daniel Appelquist
  - Last Call Ends 19 December 2006

Web API Working Group [1]

- http://www.w3.org/2006/webapi/
- Chair: Charles McCathieNevile (Opera)
- The mission of the W3C Web API WG
  - to develop specifications that enable improved client-side application development on the Web
- The scope of the Web API WG
  - the technologies related to developing client-side applications on the Web. In particular, programming interfaces for client-side developme nt, including network requests, timed events and platform interactio n.
- The Working Group is chartered to 15 November 2007.

Web API Working Group [2]

- The group is working on the following documents:
  - The XMLHttpRequest Object.
  - Window Object 1.0.
  - DOM Level 3 Events.
  - Selectors API.
  - Clipboard Operations for the Web 1.0: Copy, Paste, Drag and Drop.
  - File Upload.
  - Remote Events for XML (REX) 1.0 (produced by a Task Force).
- planning on publishing the following documents at some point :
  - A specification for network connections. For example, to implement an IRC client in a web page.
  - A specification for persistent storage.
  - A specification for progress events (covering both uploading and downloadi ng).
  - Taking DOM Level 3 XPath to Recommendation status.
  - A second edition of DOM Level 3 Core.

Web API Working Group [3]

- Clipboard Operations for the Web 1.0: Copy, Paste, Drag and Drop.: Working Draft
  - 15 November 2006, Charles McCathieNevile, Doug Schepers
- Document Object Model (DOM) Level 3 Events Specification: Working Draft
  - 13 April 2006, Tom Pixley, Björn Höhrmann, Philippe Le Hégaret
- File Upload: Working Draft
  - 18 October 2006, Robin Berjon
- Progress events 1.0: Working Draft
  - 19 April 2007, Charles McCathieNevile
- Remote Events for XML (REX) 1.0: Working Draft
  - 13 October 2006, Robin Berjon
- Selectors API: Working Draft
  - 26 September 2006, Anne van Kesteren
- The XMLHttpRequest Object: Working Draft
  - 18 June 2007, Anne van Kesteren
- Window Object 1.0: Working Draft
  - 7 April 2006, Maciej Stachowiak, Ian Davis

Web Application Formats Working Group

- http://www.w3.org/2006/appformats/
- Chair: Art Barstow (Nokia).
- The mission of the W3C Web Application Formats WG
  - to develop specifications that enable improved client-side application development on the Web. This includes the development of languag es for applications, especially user interfaces.
- The scope of the Web Application Formats WG
  - the technologies related to developing client-side applications on the Web. In particular formats (or languages) for application developme nt, such as a declarative user interface language (eg. XUL) and a bin ding language (XBL2).
- The Working Group is chartered until 15 November 2007.

Web Application Formats WG

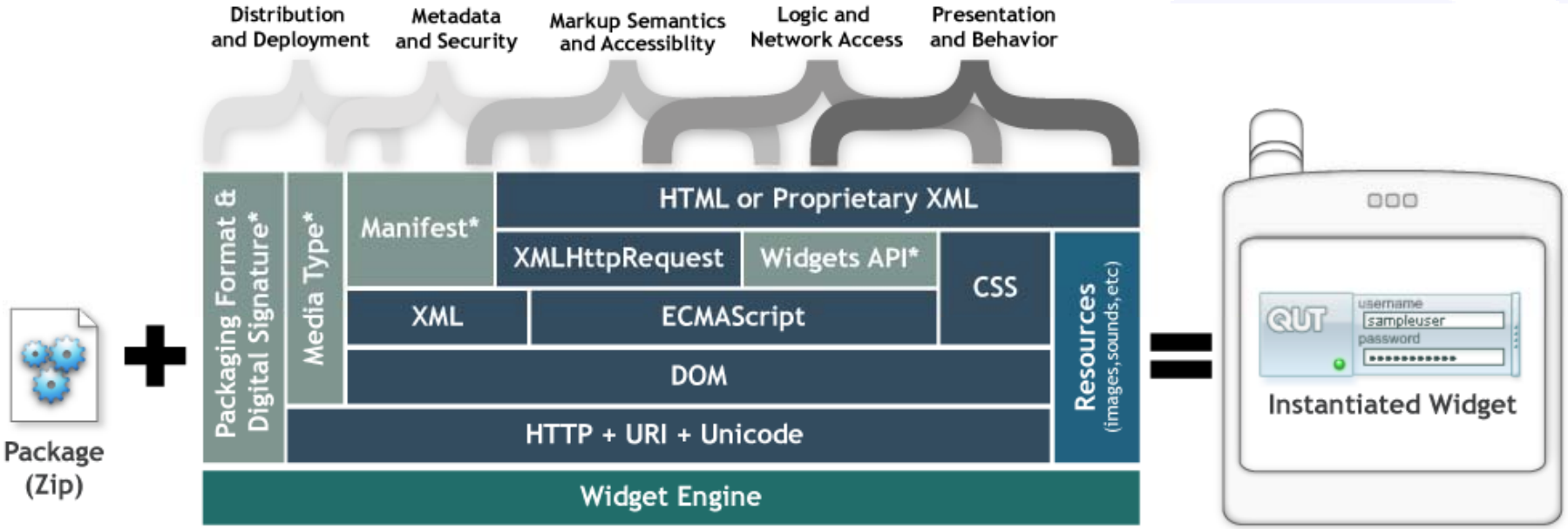
- Specification of a declarative format for applications and user interfaces. This deliverable should be based on an existing application/UI format, such as Mozilla's XUL, Microsoft's XAML, Macromedia's MXML or Laszlo Systems' LZX, provided the owners of the format are willing to contribute. The format should allow embedded program code. This format, combined with the deliverables below and existing technologies including XHTML, CSS, XForms, SVG and SMIL, should provide a strong basis for rich client application development.
  - Note: there have been no formal publications for this deliverable.
- The XBL2 specification. XBL2 is an extension to the sXBL specification developed jointly by the SVG and CSS Working Groups. XBL is a declarative language that provides a binding between custom markup and existing technologies. This enables an extensible framework for custom controls and the MVC (model, view, controller) methodology.
  - Note: a Candidate Recommendation for XBL2 was published on 16 March 2007. See the public announcement for more details.

Web Application Formats WG

- Enabling Read Access for Web Resources: Working Draft
  - 18 June 2007, Anne van Kesteren
- Web Forms 2.0: Working Draft
  - 21 August 2006, Ian Hickson
- Widgets 1.0: Working Draft
  - 9 November 2006, Anne van Kesteren, Marcos Caceres
- Widgets 1.0 Requirements: Working Draft
  - 5 July 2007, Marcos Caceres
- XBL 2.0 Primer: An Introduction for Developers: Working Draft
  - 18 July 2007, Marcos Caceres, Lachlan Hunt
- XML Binding Language (XBL) 2.0: Candidate Recommendation
  - 16 March 2007, Ian Hickson
  - Candidate Recommendation Phase Ends 1 September 2007

Widgets 1.0 Requirements : WD

- *Widgets* are interactive single purpose applications for displaying and/or updating local data or data on the Web, packaged in a way to allow a si ngle download and installation on a user's machine or mobile device.
- Most Widget Engines will typically support *HTTP*, *IRI*s, and *Unicode*, as well as *ECMAScript*, various DOM levels, and the ability to render a mar kup language, like *HTML* and/or *CSS*, and multimedia resources such as images and sounds.



*Proposed for standardization in this document

Widgets 1.0 Requirements : WD

- 5 July 2007, Marcos Caceres (QUT)
- 3.1 Packaging
  - R1. Packaging Format
  - R2. File Extension
  - R3. Internal Package Structure
  - R4. Reserved Resources and Directory Names
  - R5. Addressing Scheme
  - R6. Multilingual Resource Names
  - R7. Internationalization Guidelines
  - R8. Automatic Localization
  - R9. Device Independence
  - R10. Data Compression
  - R11. Digital Signature and Private Key Infrastructure
  - R12. Media Type
- 3.2. Manifest
  - R13. Widget Metadata
  - R14. Authorship Metadata
  - R15. Copyright Notice and License Metadata
  - R16. Update IRI
  - R17. Visual Rendering Dimensions and Initial Position
  - R18. Declarative Bootstrapping
  - R19. Automated Bootstrapping
  - R20. Alternate Representations
  - R21. Default Preference Values
  - R22. Access-Control
  - R23. XML and Micro-Syntaxes
  - R24. Manifest independence

Widgets 1.0 Requirements : WD

- 3.3 Widget Scripting Interfaces
  - R25. Instantiated Widget API
  - R26. Configuring Runtime Properties
  - R27. Changing Preferences
  - R28. Widget State Change Events
  - R29. Modal Priority
  - R30. Accessing Resources, Services, and Applications
  - R31. ECMAScript Compatibility
- 3.4. Widget User Interface Language
  - R32. Language Accessibility
- 3.5. Widget Engines
  - R33. TLS and SSL Certificates
  - R34. Proxy and SOCKS
  - R35. Automatic Updates
  - R36. Persistent Storage of Preferences
  - R37. Multiple Widget Instances

Wigets 1.0 : WD

- Widgets 1.0: Working Draft
  - 9 November 2006, Anne van Kesteren (opera), Marcos Caceres (QUT)
- 2. Widget Packaging
  - 2.1. File Format
  - 2.2. Widget Files
  - 2.3. Widget Folder Structure
  - 2.4. Content-Type
  - 2.5. File Extension
- 4. Widget Scripting Interfaces
  - 4.1. The Widget Object
  - 4.2. Widget Geometry
- 5. Widget Autodiscovery
- 6. Security Model

- 3. Widget Configuration File: config .xml
  - 3.1. White Space
  - 3.2. The ***widget*** Element
  - 3.3. The ***widgetname*** Element
  - 3.4. The ***width*** and ***height*** Elements
  - 3.5. The ***author*** Element
  - 3.6. The ***name*** Element
  - 3.7. The ***organization*** Element
  - 3.8. The ***email*** Element
  - 3.9. The ***link*** Element
  - 3.10. The ***description*** Element
  - 3.11. The ***icon*** Element
  - 3.12. The ***id*** Element
  - 3.13. The ***security*** Element
  -

Wigets 1.0 : WD

```
<widget>
    <widgetname> Hello World! </widgetname>
    <width> 300 </width>
    <height> 300 </height>
</widget>
```

```
<link type="application/widget" rel="alternate"
href="http://widgets.example.org/SimAquarium"
title="An Example Widget">
```

Thank you for you attention

감사합니다.

http://www.mw2.or.kr