

W3C TESTING

HTML WG F2F May 4th 2012

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HTML5 Testing Task Force Status

HTML5 Parser (8,372)	data-* (17)
Attribute Reflection (95,754)	MathML Parsing (10)
Audio Element (48)	Async Script Execution (11)
Canvas (834)	Drag and Drop (16)
Form Validation (46)	classList/getElementByTagName/className (120)
Input Element (56)	History (pushState) (151)
Sandbox (32)	Semantic Tags (10)
onError Event Handler (8)	Microdata (291)
SVG in HTML (19)	Atob/Btoa (368)
Application Cache (47)	Video Element (109)
Structured Clone Algorithm (27)	XHTML5 (11)
HTML5 Bidi (73)	document.write (93)
TABLE OM (7)	WebIDL (3,873)



Approved Tests 1,380
Submitted Tests 110,303
95,754 Attribute Reflection Tests
8,372 Parser Tests

HTML5 Testing Task Force Status

New Test Contributors Since TPAC 2011

- InfraWar
- Mosquito
- Html5Bidi

HTML5 Parser

- Good Coverage
- Interoperability IE10, Opera 11.62, Firefox 12, Chrome 18



Getting Involved!!

Test Contribution Patterns

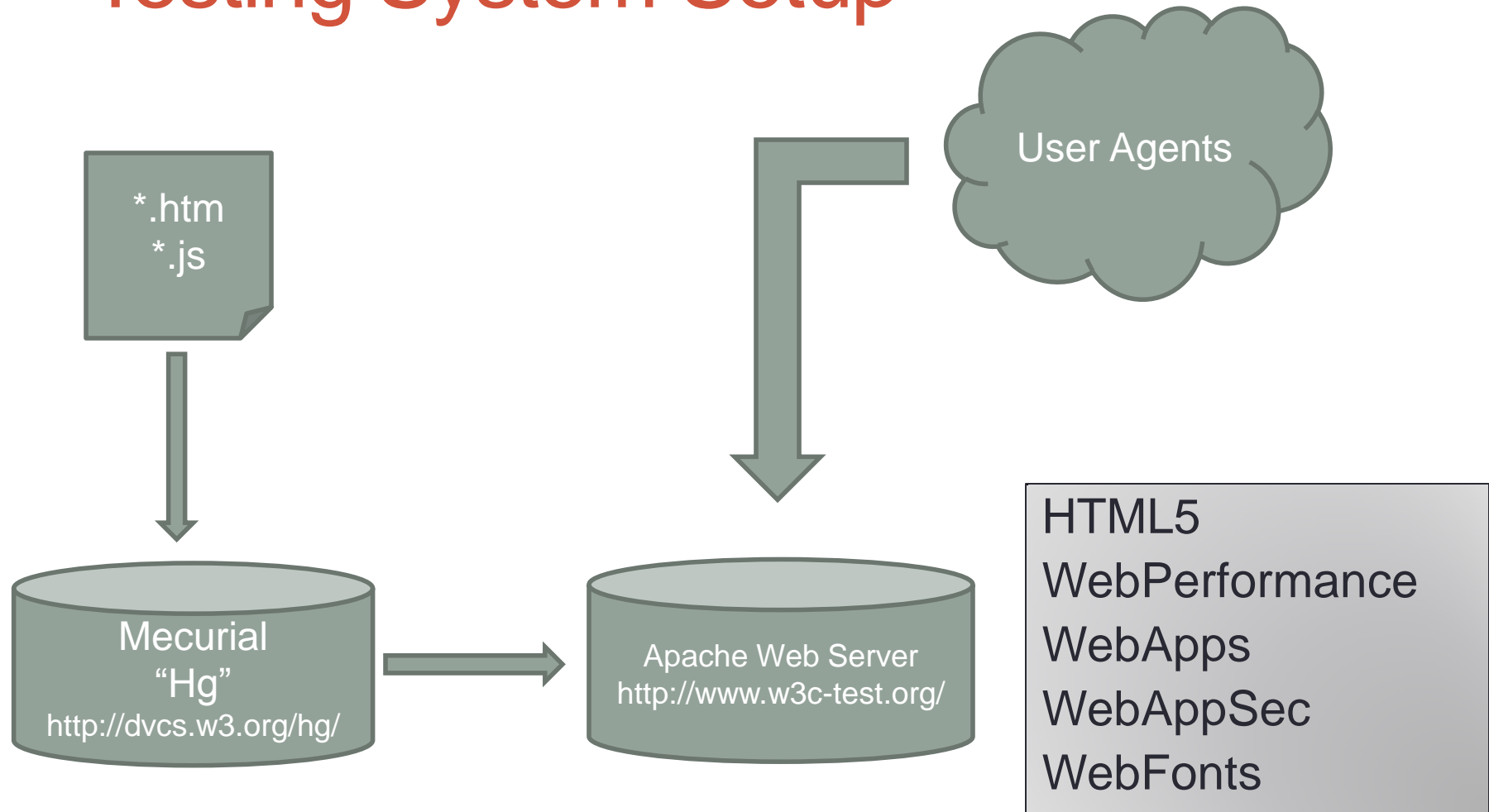
- Browser vendors submit tests during feature development
 - For example History API (Opera, Microsoft)
- Others do to improve interoperability
 - MOSQUITO (<http://www.mosquito-fp7.eu/>)
 - HTML5BIDI
 - Cable/Device Vendors???

Pointers To Get Involved

- Bi-Monthly Conf Call/IRC Meeting
- Join 'list' public-html-testsuite@w3.org - we're nice 😊
- Wiki <http://www.w3.org/html/wg/wiki/Testing>
- Need help Converting, Reviewing, Fix Bugs, Creating Tests

“JUST ASK ME HOW YOU CAN HELP!!”

Testing System Setup



Testing System Details

W3C “Hg” Repository <http://dvcs.w3.org/hg>

- RSS Feeds
- Shortlog/Summary <http://dvcs.w3.org/hg/html/>

W3C Apache Web Server

- PHP Support, HTTP/HTTPS, Web Socket
- Multiple Host Names/IDNA/Multiple Ports

<http://w3c-test.org/>

<http://www.w3c-test.org/>

<http://www1.w3c-test.org/>

<http://www2.w3c-test.org/>



Client Setup

Test Submission

- Install the “Hg” Client <http://mercurial.selenic.com/downloads/>
- Open “Hg” cmd/shell/GUI
- ‘clone’ the suite
 - hg clone <http://dvcs.w3.org/hg/html/>
 - hg clone <http://dvcs.w3.org/hg/webapps/>
- Write your test and save locally
 - Example Test <http://w3c-test.org/resources/apisample.htm>

Hg ‘Commit’ and ‘Push’

- hg commit
- hg push [https://\[YOURW3CACCOUNT\]@dvcs.w3.org/hg/html/](https://[YOURW3CACCOUNT]@dvcs.w3.org/hg/html/)

<http://www.w3.org/html/wg/wiki/Testing/Submission/>



Thanks!!!

W3C Systems Team, plh, Google
Microsoft, Opera, Mozilla, Philip Taylor
Ms2ger, Areyh Gregor, Apple, David
Carlisle, Infraware, Mosquito, Comcast,
Html5Bidi, Mike TM Smith

