

test262

Status Report - July 2011

Agenda

- Site changes since last TC-39 meeting
 - Bug metrics
 - test262 1.0
 - test262 2.0 (a.k.a. ES6)
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Site Changes

- 10,872 => 10,927 enabled test cases
 - [Run tab](#) now includes a direct link to the failing test cases
 - JSON caching bug has been fixed
 - A FAQ has been added to [the ECMAScript Wiki](#)
 - *Math.sin|tan|etc.* [test cases](#) disabled as-per ES5. E.g., 15.8.2.17 sqrt (x):
Returns an implementation-dependent approximation to the square root of x.
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Bug Metrics

Website + Harness

	Confirmed	Resolved	Total
Blocker	1	2	3
Normal	1	1	2
Minor	6	.	6
Trivial	.	1	1
Enhancement	17	3	20
Total	25	7	32

Bug Metrics

Test Cases

	Confirmed	In Progress	Resolved	Total
Blocker	.	.	<u>1</u>	<u>1</u>
Major	<u>3</u>	.	<u>1</u>	<u>4</u>
Normal	<u>25</u>	<u>4</u>	<u>10</u>	<u>39</u>
Minor	<u>1</u>	.	<u>1</u>	<u>2</u>
Enhance.	<u>9</u>	.	<u>4</u>	<u>13</u>
Total	<u>38</u>	<u>4</u>	<u>17</u>	<u>59</u>

test262 1.0

- Decide conclusively how www.ecma-international.com fits into the picture. E.g.:
 - One page PDF
 - One page PDF + reference zip of test262 from hg.ecmascript.org
 - Etc.
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test262 1.0 (continued)

- Revisit criteria for test262 hitting 1.0:
 - All existing *Blocker*, *Major*, *Normal* bugs on bugs.ecmascript.org *Resolved**
 - Some *bake* time (i.e., two TC-39 meetings)
 - New must-fix bugs filed on bugs.ecmascript.org during the *bake* time are *Resolved*
 - Use the *5.0* moniker instead of *1.0* to correspond to ES5
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test262 6.0 (a.k.a. 2.0)

- Primary goal: completed test suite *prior* to ES6 becoming standardized
- Challenge: churn. ES6 will be continually refined until it's finalized
- Solution: now that the Harmony namespace is frozen, complete feature tests should be added as soon as a given proposal has been *fleshed out* and accepted by the committee