

test262

Status Report

January 2012

Agenda

- Changes since last TC39 meeting
- Open Discussion on test262 *ES6* Goals
- Bug metrics
- Remaining test262 Work Items

Changes

- **73** invalid test cases fixed and re-enabled
- handful of invalid test cases removed from Hg
- **21** bugs.ecmascript.org bugs closed
- **100+** new tests "waiting in the wings" to go live *

ES6 Open Discussion

- end goals for test262 when ES6 is ratified?
- milestones along the way?
- ???

ES6 Open Discussion - Ideas

- tests developed by partners for ES6 prototypes are in test262 format
- entire test suite covers 99% of ES6 by the time ES6 is ratified
- versioning. <http://test262.ecmascript.org/es6>

Bug Metrics

Website + Harness

	Confirmed	In Progress	Resolved	Total
Blocker	0	0	3	3
Normal	1	0	2-3	3-4
Minor	5-3	0-2	1	6
Trivial	0	0	1	1
Enhancement	19-16	0-2	3-4	22
Total	25-20	0-4	10-12	35-36

Bug Metrics (cont.)

Test Cases

	Confirmed	In Progress	Resolved	Total
Blocker	0	0	1	1
Major	2	0	2-3	4-5
Normal	12-4	1-3	28-41	41-48
Minor	1-0	0-1	1-3	2-4
Enhance.	15-3	0-1	4-8	19-12
Total	30-9	1-5	36-56	67-70

Remaining ES5.1 Work Items

Coverage: [Missing Function.prototype.bind tests](#)

Coverage: [Need a test for round-to-larger behavior in Number.prototype.toPrecision](#)

Coverage: [Make sure differences between Object literal and JSON grammar are tested](#)

Coverage: [Missing test for undefined being non-writable](#)

Coverage: [Date.parse and Date.prototype.toISOString should be tested](#)

Coverage: [Double-check that we have coverage for all of Annex F](#)

[Double-check that test coverage of Chapter 10 is adequate](#) *

[Need academic-like review of existing test coverage versus ES5.1](#) *