

Agenda for the: **29th meeting of Ecma TC39**
in: **Redmond, WA, USA**
on: **24 – 26 July 2012**

TIME: 10:00 till 17:00 on 24th and on 25th of July 2012
10:00 till 16:00 on 26th of July 2012

LOCATION: Microsoft Corporation
Building 31
Whistler Room (31/P106)
3750 163rd Ave. N.E.
Redmond, WA 98052, USA
Phone: 281 224 9635 (Luke Hoban)
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Please register [here](#) before **13 July 2012**.

- 1 Opening, welcome and roll call
 - 1.1 Opening of the meeting (Mr. Neumann)
 - 1.2 Introduction of attendees
 - 1.3 Host facilities, local logistics
- 2 Adoption of the agenda ([2012/046-Rev1](#))
- 3 Approval of minutes from May 2012 ([2012/034](#))
- 4 Discussion of ES harmony (technical contributions are available and can be found on the ES wiki)
 - 4.1 A new ES6 (5th, July 8, 2012) draft is available at [2012/042](#)
Rev9 (July 8, 2012) of the ES6 Draft Specification is now available at http://wiki.ecmascript.org/doku.php?id=harmony:specification_drafts
Changes in this version include:
 - Quasi literal added to specification
 - Initial work at defining tail call semantics (still need to define tail positions in 13.7)
 - Initial pass at replacing native/host object terminology with ordinary/exotic objects
 - Clause 6 and others updated to clarify processing of full Unicode source code. Revised usage of “code unit” and “code point”
 - Specification of Identifiers updated to use current Unicode specification devices
 - `\u{nnnnnn}` Unicode code point escapes added
 - UTF-16 encoding for non-BMP characters in string literals now fully specified

- Added functions: String.fromCodePoint, String.raw (a quasi tag function), String.prototype.codePointAt
- ECMAScript now requires use of Unicode 5.1.0, normative references updated
- A syntactic grammar notation was added for indicating when alternative lexical goals are required
- Fixed ES5 missing explicitly setting length in several array functions
- Fixed bugs: 368, 388-399, 402-405, 410-413, 415-416,418, 420-428, 430-439, 445-456,458-461 (thanks very much for all the bug reports)

Please report bugs you find at bugs.ecmascript.org.

4.2 Override Mistake

http://wiki.ecmascript.org/doku.php?id=strawman:fixing_override_mistake

4.3 Revisit for(let;;) binding alternatives

https://bugs.ecmascript.org/show_bug.cgi?id=311

4.4 Resolve scoping rules for global lexical declarations

https://bugs.ecmascript.org/show_bug.cgi?id=312

4.5 Review candidate spec approach for “regexp_match_web_reality”

http://wiki.ecmascript.org/doku.php?id=strawman:match_web_reality_spec

4.6 Proposal to change behaviour of DaylightSavingsTA

<https://mail.mozilla.org/pipermail/es-discuss/2012-March/020832.html>

4.7 Weak References (Yehuda)

http://wiki.ecmascript.org/doku.php?id=strawman:weak_references

http://wiki.ecmascript.org/doku.php?id=strawman:weak_refs

4.8 Support for full Unicode character set"

<http://norbertlindenberg.com/2012/05/ecmascript-supplementary-characters/index.html>

4.9 Adding forEach to new ES6 collections (separate from iteration)

<https://mail.mozilla.org/pipermail/es-discuss/2012-February/020776.html>

http://wiki.ecmascript.org/doku.php?id=harmony:simple_maps_and_sets

4.10 Object.isObject

http://wiki.ecmascript.org/doku.php?id=strawman:object_isobject&rev=1295471005

4.11 getClassNameOf

4.12 Open issues with direct proxies

http://wiki.ecmascript.org/doku.php?id=harmony:direct_proxies#open_issues

4.13 Observe strawman

<http://wiki.ecmascript.org/doku.php?id=strawman:observe>

4.14 Classes

Try to reach consensus on including Maximally minimal classes in ES6

Review candidate class specification in current ES6 spec. draft clause 13.5 and associated open issues.

quasis issues and solutions based on July specification draft

<https://mail.mozilla.org/pipermail/es-discuss/2012-June/023735.html> and
<https://mail.mozilla.org/pipermail/es-discuss/2012-June/023825.html>

See

Recent destructuring issues

Objections to applying ToObject to the RHS of destructruings

Handling of missing properties: undefined or throw. Consider allowing ! or ? as a prefix to select.

Explicit undefined value trigger use of default value initializer.

"subclassing" built-ins in ES6 strawman

<http://wiki.ecmascript.org/doku.php?id=strawman:subclassable-builtins>

extensibly mechanism for {}.toString in ES6

Unresolved issues relating to iterator naming/access (Dave)

4.15 Error stack standardization

http://wiki.ecmascript.org/doku.php?id=strawman:error_stack

5 Edition 5.1 Issues

6 Report from the ad hoc on Internationalization standard ([2012/041](#))

6.1 TC39 review and last feedback prior to preparation of the final draft

6.2 Multi-system prototype testing

Google and Microsoft have been adding internationalization tests to the 262 test-suite.

7 Test 262 Progression

7.1 Addition for Internationalization

7.2 Addition for ES-6

7.3 Prototype Website (<http://test262.ecmascript.org> and <http://test.w3.org/html/tests/reporting/report.htm>)

8 Status Reports

8.1 Report from Geneva

- 8.1.1 Brief report from the GA meeting ([2012/035](#), [036](#), [038](#), [039](#), [040](#), [043](#), [044](#), [045](#), [047](#), [048](#), [049](#))
- 8.1.2 Liaison reply back to ITU-T SG16 on IPTV ([2012/050-Rev1](#))

9 Date and place of the next meeting(s)

September 24 - 26, 2012 at Boston Northeastern University

November 28 - 29, 2012 at Apple (Cupertino)

10 Closure