

**Agenda for the:** **31<sup>st</sup> meeting of Ecma TC39**  
**in:** **San Jose, CA, USA**  
**on:** **27-29 November 2012**

**TIME:** 10:00 till 17:00 on 27<sup>th</sup> and on 28<sup>th</sup> of November 2012  
10:00 till 16:00 on 29<sup>th</sup> of November 2012

**LOCATION:** eBay – L2 Orchard Campus  
Ringtone conference room  
2535 North First Street  
San Jose, CA 95131, USA  
Phone: +1 408-376 4842  
Cell phone: +1 408 637 8489 (Mr. D. Crockford)  
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Please register [here](#) before **16 November 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 ([2012/077-Rev4](#))

Delayed until Andreas arrives per his request:

- 4.5 (private names)
- 4.6 (default parameters)
- 4.10 (eval etc)
- 4.18 (let)
- 4.19 (modules)

## 3 Approval of minutes from September 2012 ([2012/068-Rev1](#))

## 4 Discussion of ES harmony (technical contributions are available and can be found on the ES wiki)

Dinner Wednesday evening: <http://www.nycfbllc.com/#/zone8-62/>

A couple of additions to the agenda this week if we have time:

**ES6 feedback via TypeScript:** We have heard a good deal of feedback from users of TypeScript on details of ES6 proposals, particularly on classes and modules. It might be valuable to present this feedback in full separately from individual feature discussions.

**Promises:** There was a long thread on promises on es-discuss recently. It might be valuable to checkpoint on where this stands currently in the committee, and what work champions should pursue on an ES7 track.

#### 4.1 **Review of list of Project Proposals for inclusion in ES 6**

<http://wiki.ecmascript.org/doku.php?id=harmony:proposals>

#### 4.2 **Review new draft spec**

Changes in recent spec. drafts

Global declaration instantiation added, "global object + lexical scope" model.

Program is now Script

Set/Map size is now an accessor

Set/Map clear method added

Also see spec. change log at

[http://wiki.ecmascript.org/doku.php?id=harmony:specification\\_drafts](http://wiki.ecmascript.org/doku.php?id=harmony:specification_drafts)

#### 4.3 **Syntactic support for private names:**

[http://wiki.ecmascript.org/doku.php?id=strawman:syntactic\\_support\\_for\\_private\\_names](http://wiki.ecmascript.org/doku.php?id=strawman:syntactic_support_for_private_names)

What keyword should be used to declare non-private at-name bindings: symbol, unique, sym, public, etc?

#### 4.4 **Revisit function parameter scoping and default value rules**

<https://mail.mozilla.org/pipermail/es-discuss/2012-September/025198.html>

<https://mail.mozilla.org/pipermail/es-discuss/2012-October/025629.html>

#### 4.5 **Extending Array Comprehensions to include multiple if clauses. Consider adding a let clause, etc.**

<https://mail.mozilla.org/pipermail/es-discuss/2012-September/025044.html>

<https://mail.mozilla.org/pipermail/es-discuss/2012-September/025105.html>

#### 4.6 **Function Poison Pill methods and next function syntactic forms**

<https://mail.mozilla.org/pipermail/es-discuss/2012-October/026030.html>

#### 4.7 **Issues with eval, new declarative forms, strict mode, etc.**

#### 4.8 **The prototype/constructor object model supporting Generators/use of instanceof with generators and generator instances**

#### 4.9 **String normalization and case conversion**

[http://wiki.ecmascript.org/doku.php?id=strawman:unicode\\_normalization](http://wiki.ecmascript.org/doku.php?id=strawman:unicode_normalization)

[http://wiki.ecmascript.org/doku.php?id=strawman:case\\_conversion](http://wiki.ecmascript.org/doku.php?id=strawman:case_conversion)

#### 4.10 **Conventions make non-standard properties configurable**

[http://wiki.ecmascript.org/doku.php?id=conventions:make\\_non-standard\\_properties\\_configurable](http://wiki.ecmascript.org/doku.php?id=conventions:make_non-standard_properties_configurable)

#### 4.11 **Go/no-go decision: Eliminate ToUint32 warping on array access**

Sparse parameter on Array iterator constructors (eg. Array.prototype.keys/values/items that determines whether or not "holes" are included in the iteration.?)

Can we eliminate functions returning Reference values from the specification

## 5 Edition 5.1 Issues

## 6 Second edition of ECMA-402. ((Tuesday afternoon))

6.1 Presentation of proposed additions

6.2 Proposed Scope of new edition

6.3 Proposed schedule

6.4 Approval of project

## 7 Test 262 Progression

7.1 Edition for Internationalization

7.2 Edition 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 IPR meeting

## 9 Date and place of the next meeting(s)

### Schedule 2013 meetings:

- January 29 – 31, 2013 (Mozilla)
- March 12 – 14, 2013 (Yahoo)
- May 21 – 23, 2013 (Google)
- July 23 – 25, 2013 (Redmond)
- September 24 – 26, 2013 (Boston)
- November 19 – 21, 2013 (PayPal)

## 10 Closure