

## Excerpts

**Minutes of the:** *101<sup>st</sup> meeting of the Ecma General Assembly*  
**held in:** *Divonne, France*  
**on:** *29 June 2011*

**President:** Ms Auber (HP)  
**Secretary:** Dr. Sebestyen (SG Ecma International)  
**Attending:** Mr. Breidhardt (IBM), Mr. Brookes (Sony), Mr. Elzinga (Ecma International), Mr. Gibson (Intel), Mrs. Higginbottom (HP), Mr. Horwat (Google), Mr. Manabe (NEC), Mr. McAllister (Adobe), Mr. Namikawa (Hitachi), Mr. Nohnishi (Konica Minolta), Ms Valet-Harper (Microsoft), Ms Walch (Ecma International), Dr. Weijenbergh (Philips), Mr. Yamashita (Hitachi).  
**Apologies:** Mr. Bisson (Nvidia), Mr. Crockford (Yahoo), Mr. Hammersley (AMD), Mr. Hasebe (Toshiba), Mr. Kobayashi (Canon), Mr. Romascanu (Avaya), Mr. Matsumura (Fujitsu).  
**Guests:** Ms A. Lehouck (European Commission), Mr. Fukumoto (Japan Business Council in Europe), Mr. Neumann (TC39 chair), Mr. Theis (DKE),

### 1 Opening

**Ms Auber**, President of Ecma, opened at 09:00 the 101<sup>st</sup> General Assembly meeting and welcomed all attendees.

### 2 Call for Representatives ([GA/11/047](#))

**Dr. Sebestyen** proceeded to the call of the Ordinary Member Companies' representatives, present or represented by Proxy to the SG.

7 out of 17 Voting Intentions Forms ([GA/11/047](#)) have been returned. 2 Members have given proxy to the Secretary General per email.

17 out of 17 Ordinary Member Companies were represented:

Adobe	Mr. McAllister
AMD	Mr. Hammersley – Voting Intentions Form – Proxy to the SG
Avaya	Mr. Romascanu – Voting Intentions Form – Proxy to the SG
Canon	Mr. Kobayashi – Voting Intentions Form – Proxy to the SG
Fujitsu	Mr. Matsumura – by email – Proxy to the SG
Google	Mr. Horwat
Hewlett Packard	Ms Auber
Hitachi	Mr. Yamashita – Voting Intentions Form – Proxy to the SG
IBM	Mr. Breidhardt
Intel	Mr. Gibson
Konica Minolta	Mr. Nohnishi
Microsoft	Ms Valet-Harper
Nvidia	Mr. Bisson – Voting Intentions Form – Proxy to the SG
Philips	Dr. Weijenbergh – Voting Intentions Form – Proxy to the SG
Sony	Mr. Brookes
Toshiba	Mr. Hasebe – Voting Intentions Form – Proxy to the SG
Yahoo	Mr. Crockford – by email - Proxy to the SG

## **7.7 TC39 – ECMAScript**

Activity report: [TC39/11/023](#).

**Mr. Breidhardt** reported on the TC39 status.

Fast-track process for ES 5 is finished:

- The Disposition of Comments was completed and revised draft was prepared and approved by Japan to satisfy their “NO” vote.
- Since this fast-track went with the old rules, the BRM could be avoided. The document was published by ISO in May 2011

For Approval: ECMA-262 edition 5.1: ECMAScript Language Specification (aligned version with ISO/IEC)

A new project (“Internationalization”) on format, date, time has started under an ad hoc (to be approved in December 2011 as Standard or Technical Report).

TC39 is currently developing a set of tests (to be published as a TR when complete) against the ES 5 specification.

- Tests (referred to as “Test262”) are contributed by members under the Software Licensing Policy approved by the Ecma GA.
- TC39 members are applying these tests to their browser implementations
- The results of those tests are available on the [ecmascript.org](http://es5test.ep.interop.msftlabs.com) site. See a prototype at <http://es5test.ep.interop.msftlabs.com>.

**Mr. Breidhardt** expressed his appreciation for the impressive and hard work TC39 is doing.

**Mr. Horwat** as TC39 member added that at the last meeting of TC39 end of May in Santa Cruz they have had a “freeze” on the new functionalities in “ES-next” (targeted to be approved in December 2013) and that was an important milestone for the group.

**Mr. Neumann** as TC39 Chair has added that for ES-Next there is an open “ES-Discuss-Wiki” maintained by Mozilla. That Wiki includes “straw-man” proposals for the future functions of ES-Next which are regularly checked and discussed by TC39, and if they are found useful by the Committee they go into the next edition of ECMAScript. Special attention has to be given that the new functions play well together with the old functions. He also added that with the “freeze” TC39 is on schedule with the next Edition. On the Test262 he said, that the plan is to have an Ecma TR only, but not to fast-track it to JTC 1, as JTC 1 is less interested in such topics. The tests will be available on the Web publicly also in the future. **Mr. Neumann** is glad with the progress of the group and an Ecma Press Release will be issued on EC 5.1 after the GA. He also added that the trademark on ECMAScript is in progress, and it will be used when we get it.

**Dr. Sebestyen** added that there are two additional requirements coming from TC39 on the experimental Software Copyright policy: What to do with 3<sup>rd</sup> party (non-Ecma member) software contributions, and what to do with the use of free-software to be included into Ecma deliverables. He said that these points have been brought to the attention of the CC, but no work has started yet. He also said that he feels that since the policy is still very new it is important to gain more experience with the current version before adding new parts. He also thanked **Mr. Horwat** for helping writing the technical parts of the TC39 minutes. He also said that the proper archival of TC39 activities is still rather challenging for the Secretariat, especially how the Secretariat should “mirror” the ES-Discuss-Wiki as Ecma TC39 documents.

#### 7.7.1 **Vote on:**

ECMA-262 edition 5.1: ECMAScript Language Specification ([GA/11/033](#) – TC39/10/062-Rev6)

In favour:	16
Against:	none
Abstain:	1 (Canon)

This Standard will be published as **ECMA-262 edition 5.1**.