

## Excerpts

**Minutes of the:** **110<sup>th</sup> meeting of the Ecma General Assembly**  
**held in:** **Tokyo, Japan**  
**on:** **9 December 2015**

**President:** Mr. Yamashita (Hitachi)  
**Secretary:** Mr. Sebestyen (SG Ecma International)  
**Attending:** Mrs. Higginbottom (HP Inc.), Ms Valet-Harper (Microsoft), Mr. Cargill (Adobe), Mr Laurens (Hewlett Packard Ent.), Mr. Luthi (Ecma International), Mr. Kimizuka (IBM), Mr. Mitsuhashi (ADTC), Mr. Nakagawa (Intel), Mr. Nohnishi (Konica Minolta), Mr. Ono (Hitachi – LG Data Storage), Mr. Sugaya (University of Electro-Communications) – part-time, Mr. Friedrich (IBM) – by phone for the treasurer's report only  
**Excused:** Mr. Horwat (Google)

### 1 Opening

At 09:00, **Mr. Yamashita**, President of Ecma, opened the 110<sup>th</sup> General Assembly meeting and welcomed all attendees.

### 2 Welcome by the host, logistics

**Mr. Yamashita** welcomed the participants and gave an overview about the logistics.

### 3 Call for Representatives ([GA/15/113](#))

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

3 out of 11 Voting Intentions Forms ([GA/15/113](#)) have been returned.

11 out of 11 Ordinary Member Companies were represented:

Adobe	Mr. Cargill
AMD	Nothing received – proxy to the SG
eBay / PayPal	Voting intentions - proxy to the SG
Google	Voting intentions – proxy to the SG
Hewlett Packard	Mrs. Higginbottom
Hitachi	Mr. Yamashita
IBM	Mr. Kimizuka
Intel	Mr. Nakagawa
Konica Minolta	Mr. Nohnishi
Microsoft	Ms Valet-Harper
Yahoo	Voting intentions – proxy to the SG

**Mr. Sebestyen** then asked all delegates to introduce themselves.

### 4 Approval of the minutes of the 109<sup>th</sup> GA ([GA/15/068-Rev1](#))

The GA unanimously approved the minutes of the 109<sup>th</sup> GA.

**7.7 TC39 - ECMAScript**  
Activity report: [TC39/15/047](#).

**Mr. Sebestyen** reported about the work of TC39.

Publication of ES6 has resulted in positive user response, very high download figures from the Ecma website but due to the significantly added new materials in ES6, TC39 was also getting several different types of “bug” reports. They include all type of comments, questions and feed-back. These were collected and processed and those which are real editorial or technical bugs will be corrected a new Edition (ES7). Regarding fast-track of ES6 and ECMA-402, the group is working with the JTC 1/SC 22 Chair and the ISO office in Geneva. The main issue is that TC39 is planning to come out with yearly update of the ECMAScript standards which makes it difficult to synchronize it with fast-track approvals and publications. TC39 is trying to find alternative solutions. ECMA-404 JSON is a very stable standard, so fast-track to JTC 1 will come. There was a need to cross reference to an IETF JSON standard once that standard is finalized and available. TC39 keeps liaison contacts with IETF on that issue.

The GA had no questions to the report of TC39.

## **7.8 TC43 - Universal 3D (U3D)**

No activity report.

## **7.9 TC45 - Office Open XML Formats**

Activity report: [TC45/15/008](#).

This is maintenance where the prime work is being done within SC 34 with assistance of an Ecma TC45 delegation. This time, TC45 has to synchronize ECMA-376 Part 3 with the latest JTC 1 version of that standard.

The GA had no questions to the report of TC45.

### **7.9.1 Vote on:**

ECMA-376, 5th edition: Part 3: Office Open XML File Formats - Markup Compatibility and Extensibility ([GA/15/096](#) – TC45/15/004)

In favour: 11

Against: None

Abstain: None

This Standard will be published as **ECMA-376 5<sup>th</sup> edition Part 3**.

## **7.10 TC46 – XML Paper Specification (XPS)**

No activity report.

## **7.11 TC47 – Near Field Communications**

Activity report: [TC47/15/042](#).

**Mr. Luthi** reported about the TC47 activities.

Since last CC meeting, TC47 met once in Geneva, the meeting started a new project on standardized test methods for NFC-SEC standards.

There was no progress on high speed data rates, but the discussion was postponed to the next meeting.

For the Close Coupling Capacitive Communication (CCCC) topic, the previously received requests to clarify requirements in ECMA-401 were transformed into a draft defect report. The development of Media Access Layer was postponed to the next meeting.

Ongoing fast-track for this reporting period and for the next reporting period

ECMA-386 3rd edition (ISO/IEC 13157-2 2nd edition: end of vote 2015-12-14)

ECMA-409 2nd edition (ISO/IEC 13157-3: end of vote 2015-12-14)

ECMA-410 2nd edition (ISO/IEC 13157-4: end of vote 2015-12-14)