TC39 Chairman's Report

April 2015

Title: TC39 ECMAScript

Prepared by: John Neumann

Date: April 6, 2015

1   Officers of the TC

Chair: John Neumann (Microsoft, Yahoo, Mozilla, Google)

Vice Chair: Vacant

2   Executive summary

Work on the new Edition of ECMAScript was completed and is being sent for GA Approval. A new Edition of ECMA-402 is also in progress now with expected completion of June also 2014. Further work on JSON is under consideration but not concretely planned. Our first liaison with IETF occurred with attendance at our last meeting of the IETF appointed liaison to TC39.

3   Standards & Technical Reports to be submitted to the General Assembly and fast-track processing in JTC 1.

ECMA-262 2015 edition to GA for approval (6-0-0) and ISO for fast-track processing (6-0-1)

ECMA-402 2015 edition to GA for approval and ISO for fast-track processing

ECMA-404 2015 edition to GA for ISO fast-track processing

4   Future outlook

4.1   Future Plans

Work in TC39 will continue to focus on development of the ECMA-262 and related specifications. Work has already started on specifying an additional Edition (7) of the language. Work will continue on the Test system known as TEST-262. This will also include the ECMA-402 tests. A second version of ECMA-402 is already under development.

4.2   Membership

Membership has levelled off since the last report and Netflix is latest new member to join and they abstained on all votes this week (votes were 6-0-0 and 6-0-1). It is also possible that some existing members who have been active in TC39 in the past will intensify their activity on the committee, such as Apple or Adobe.

4.3   Plans for growth

This committee is self sustaining. We will not actively look for new members but will encourage companies wanting to participate but hesitating due to the RFTG rules put into place within TC39. Our last meeting was held in Europe in March and this may bring some European companies to show some interest in our work.

5 Decisions and issues recommended to be raised to the next General Assembly

ECMA-262 2015 edition to GA for approval (6-0-0) and ISO for fast-track processing (6-0-1)

ECMA-402 2015 edition to GA for approval and ISO for fast-track processing

ECMA-404 2015 edition to GA for ISO fast-track processing

So far no companies have opted out of the RFTG since this process was put into place.

6 Meetings history and plans

Past meetings:

May 2014 - Silicon Valley Area (Facebook)

July 2014 - Redmond, WA (Microsoft)

September 2014 - Boston, MA (BoCoup)

November 2014 - San Jose (PayPal)

January 2015 - San Francisco (Mozilla)

March 2015 - Europe Inria France

Future meetings:

May 2015 - California

July 2015 - Redmond

September 2015 - Portland

November 2015 - California

7 TC details

TC work pretty much continues without interruption but the sheer volume of changes planned in this new version has caused a delay in completion from December 2013 to June 2015

JSON fast-track submission to JTC 1 is currently on hold. IETF is intending to formalize its liaison status with Ecma TC39. So far the liaison was informal, via joint meeting participants, and did not work too well.

TC39 is considering to have one update of ECMAScript per year. No impact is seen in the market place.

8 Cooperation with JTC 1

8.1 ECMAScript

SC 22

8.2 Current active liaisons

SC 22

IETF

8.3 Expecting fast-track for this reporting period and for the next reporting period

ES-6 in June 2015

ECMA-402 in June 2015

ECMA-404 in June 2015

9 Other issues (if any)

None