TC39 Chairman's Report

April 2012

Title: TC39 ECMAScript

Prepared by: John Neumann

Date April 17, 2012

1 Officers of the TC

Chair: John Neumann (Microsoft, Yahoo, Mozilla)

Vice Chair: Vacant

2 Executive summary

The new ECMAScript internationalization project (ECMA-402) under TC39 continues. Several meetings of the ad hoc have occurred just before TC39 meetings and they are making progress on their activity. The work of the ad hoc will be tested by multiple implementations before sending the work forward to the GA for approval. This testing has resulted in some minor delays in the project and it is now expected to be ready for the GA to review and approve in December 2012. It expected that the end product will be sent to JTC 1 for fast-track processing when complete.

Test262 will be available on the Ecma web site soon. It is currently available on the Ecmascript Wiki web site. There will be additions to it as required, and it is planned that a new version of Test262 (currently TR-104) will be created for the next Edition of the ECMA-262 standard, now planned for December 2013.

It should be noted that the availability of the TR and related software on the Ecma web site raises questions on Copyright (for example, when does copyright flow to Ecma, etc.). Istvan is researching this issue and related issues at this time, and TC39 is seeking advice so this is done correctly right from the start since this is the first instance of software copyright for Ecma. Several such issues are currently under development and discussion in the IPR ad hoc group. Additional discussion is also looking at extending the Code of Conduct to cover cases where the standard is considered Internet Essential and should be made available on a Royalty Free (RF) basis to be consistent with Internet licensing.

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

None

4 Future outlook

Internationalization is expected to be completed in time for the December 1012 GA. This is being developed within TC39 as an ad hoc activity that will be managed by the committee and status reported at each meeting of the full committee. A future edition of ECMAScript is tentatively planned for December 2013.

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

Status report on the work of the IPR ad hoc should be given to the GA, with objective to come to the December GA with recommendations..

6 Meetings history and plans

Past meetings:

November 2011 - Cupertino (Apple)

January 2012 - Bay Area (Yahoo)

March 2012 - San Francisco (Google)

Future meetings:

May 2012 - Bay Area (Mozilla)

July 2012 - Seattle (Microsoft)

September 2012 - Boston (Northeastern University)

7 TC details

The TC has shifted its focus toward a future edition of the standard and addressing a Technical Report as a repository for Interoperability tests being used during this release cycle (see also 2 above).

8 Cooperation with JTC 1

8.1 ECMAScript

None

8.2 Current active liaisons

None.

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

None.

9 Other issues (if any)

None