Agenda for the: *21st meeting of Ecma TC39*

to be held in: *San Bruno, CA, USA*

on: *21 – 24 March 2011*

TIME: **10:00 till 17:00 on 21, 22, and 23 March 2011**
10:00 till 16:00 on 24th of March 2011

I18N Ad hoc group will meet on 21st March and TC39 meets 22-24 March 2011

LOCATION: **Google/YouTube office**
The Horseshoe Techtalk (second floor)
901 Cherry Avenue, San Bruno
CA 94066, USA

CONTACT: **Mr. Erik Arvidsson's e-mail:**   **arv@google.com**
Mr. Erik Arvidsson's phone: **415-235-1062**

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 (2011/013)

3 Approval of Minutes from January (2011/008)

4 Report from the Secretariat

4.1 Report of the status for aTechnical Report on interoperability/conformance tests
4.1.1 Prototype Website (http://test262.ecmascript.org and http://test.w3.org/html/tests/reporting/report.htm
4.1.2 Non-member software contributions
4.2 Report from the ad hoc on Internationalization standard.
4.3 W3C Joint work items

5 Progression of ES 5

5.1 Press Release

6 Discussion of ES harmony (technical contributions are

available and can be found on the ES wiki). Order of discussion will be decided at the meeting.

6.1 Classes and Traits
http://wiki.ecmascript.org/doku.php?id=strawman:classes_with_trait_composition

http://wiki.ecmascript.org/doku.php?id=strawman:traits_semantics

6.2 Soft Fields
http://wiki.ecmascript.org/doku.php?id=strawman:inherited_explicit_soft_fields

http://wiki.ecmascript.org/doku.php?id=strawman:names_vs_soft_fields

6.3 Quasis
http://wiki.ecmascript.org/doku.php?id=strawman:quasis

6.4 Function.prototype.toString
http://wiki.ecmascript.org/doku.php?id=strawman:function_to_string

6.5 Infix operators: has, div, mod, ??, min, max

Number constants: MAX_INTEGER, EPSILON

Number compare

6.6 Update on modules
http://wiki.ecmascript.org/doku.php?id=strawman:simple_modules

- Update on binary data
http://wiki.ecmascript.org/doku.php?id=strawman:binary_data

- Records and tuples
http://wiki.ecmascript.org/doku.php?id=strawman:records
http://wiki.ecmascript.org/doku.php?id=strawman:tuples

- Array comprehensions
http://wiki.ecmascript.org/doku.php?id=strawman:array_comprehensions

- Generators and generator expressions
http://wiki.ecmascript.org/doku.php?id=strawman:generators
http://wiki.ecmascript.org/doku.php?id=strawman:generator_expressions

- Pattern matching
http://wiki.ecmascript.org/doku.php?id=strawman:pattern_matching
http://wiki.ecmascript.org/doku.php?id=strawman:catch_guards

- Completion value reform

http://wiki.ecmascript.org/doku.php?id=strawman:completion_reform
http://wiki.ecmascript.org/doku.php?id=strawman:completion_let

6.7 Extensions to Proxies:

- Proxy derived traps:
http://wiki.ecmascript.org/doku.php?id=strawman:proxy_derived_traps

- Handler access to proxy:
http://wiki.ecmascript.org/doku.php?id=strawman:handler_access_to_proxy

- Proxy set trap: http://wiki.ecmascript.org/doku.php?id=strawman:proxy_set_trap
- Derived traps of default forwarding handler:
http://wiki.ecmascript.org/doku.php?id=strawman:derived_traps_forwarding_handler

6.8 - Function proxy prototype:
http://wiki.ecmascript.org/doku.php?id=strawman:function_proxy_prototype

http://wiki.ecmascript.org/doku.php?id=strawman:completion_let

- Function.create
http://wiki.ecmascript.org/doku.php?id=strawman:name_property_of_functions

- Paren-free grammar changes
http://wiki.ecmascript.org/doku.php?id=strawman:paren_free

- Multiple global objects
http://wiki.ecmascript.org/doku.php?id=strawman:multiple_globals

6.9 Revisions to object abstraction proposals: (updates pending)

Object initializer
extensions http://wiki.ecmascript.org/doku.php?id=strawman:object_initialiser_extensions

Private names http://wiki.ecmascript.org/doku.php?id=strawman:private_names

6.10 ECMASript object model and internal metaobject protocol: (content pending)

ES5 internal methods and aligning them with Proxy handlers

ES5 internal nominal typing and generalizing usage of [[Class]]

6.11 Enhanced Math Object

Spreadsheet comparing ECMAScript Math functions to various C/C++ math libraries

7 Date and place of the next meeting(s)

May 24 – 26 Location TBD-Bay Area (UCSC)

8 Closure