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 a Technical 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

6.3 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

- Update on binary data

- Records and tuples

- Array comprehensions

- Generators and generator expressions

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

- Completion value reform
http://wiki.ecmascript.org/doku.php?id=strawman:completion_let

6.7 Extensions to Proxies:
- Proxy derived traps:
- Handler access to proxy:
  http://wiki.ecmascript.org/doku.php?id=strawman:handler_access_to_proxy
- Derived traps of default forwarding handler:

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

- Function.create

- Paren-free grammar changes

- Multiple global objects

6.9 Revisions to object abstraction proposals: (updates pending)
Object initializer extensions

6.10 ECMAScript 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