

EcmaScript Internationalization Library Proposal

Authors: Nebojša Ćirić <cira@google.com>, Jungshik Shin <jungshik@google.com>

Submitter: Nebojša Ćirić <cira@google.com>

Company: Google Inc.

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1. Scope

This document proposes new Standard for internationalization library for EcmaScript.

New Standard would cover:

- locale support
- date and time parsing and formatting
- time zone support
- collation support
- message formatting
- number and currency parsing and formatting

but new additions to the API could be expected, like full calendar support.

2. Expected Results

A new Ecma Standard that defines internationalization library for EcmaScript, and is outside of EcmaScript 262 Standard.

It is expected that all major browsers and JavaScript engines implement new Ecma Standard in addition to EcmaScript 262.

3. Date of completion

- [Strawman document](#) ready for public review by October 2010.
- Approved proposal by Q2 2011, depending on public discussion.
- Chromium prototype in Q4 2010, kept in sync with public discussion.
- Final draft of the Standard by end of 2011.

4. Supporting Ecma members

We have support from Google Inc. and Chromium project. We are seeking support from major browser vendors like Mozilla, Apple and Microsoft.

5. References

1. EcmaScript internationalization library [strawman document](#)
2. Chromium [project](#)