Ecma GA

TG1 of TC39
Intentions

William A. Schulze

Senior Director

Flash Player Management Team

Standards Diplomacy

June 29, 2004

Agenda

I) Member Representation
Supporting Companies and Representatives
Mozilla Foundation Addition

II) Changes to Roles and Responsibilities
Realignment of Delegation of Responsibilities
Dedication of Members to Edition 4 of ECMA-262

III) Requirements going forward
Supporting use cases – "must haves" vs. "nice-to-haves"
How to encapsulate various implementations?
Timetable

IV) Errata
Fighting – "ECMAScript is Dead" opinions
Accessibility and other DOM issues

Supporting Companies and Representatives

- BEA – John Schneider (AgileData); John Beatty (CTO's Office)
- IBM – Wayne Vicknair – Enabling Technologies Group
- Macromedia – Jeff Dyer/ Gary Grossman – Sr. Eng – Flash Player
- Microsoft – Rok Yu - .NET Framework Group
- Mozilla Foundation – Brendan Eich – CTO
- Others? – RIM, Intel, Apple, Nokia

Mozilla Foundation Addition

- Extremely Important/Influential Addition
- Eich – Inventor of JavaScript (prior to Ecma submission)
- Controls major runtime engines with SpiderMonkey and Rhino
- Access to other ECMAScript experts

Realignment of Delegation of Responsibilities

- Convener Change –

    - Macromedia to assume responsibilities from Microsoft

- Editor Change –

    - BEA and Macromedia as joint co-editors

Dedication of Members to Edition 4 of ECMA-262

Requirements going forward

Get active, be vocal, and get it done!

Separate out "must haves" from "nice to haves"
- Target Developer & End-user Profiles
- Appeal to "scripter" and CS/Programmer professional
- Support inter-op and lean towards a more strongly typed language

Encapsulating primary implementations?
- Language Implementations
  - JavaScript / Jscript / ActionScript
- Extensions to the language
  - ECMAScript for XML (E4X)
- General Interpreters
  - SpiderMonkey / Rhino
- Edition 4 Proposals/Drafts too sweeping and broad for completion or adoption
  - Netscape – 6/03
  - Waldamar's JS 2.0 – Language Evolution

Timetable
- Members commit to 12 month cycle for new Edition 4

Fighting – "ECMAScript is Dead" opinions

- Technical Whitepapers
- Marketing Whitepapers
- Press

Accessibility and other DOM issues

- Limitations of current DOM specification
- Differences between IE and other browsers