

## Notes from 2/14 working group meeting

### In attendance

Initially:

Guy from Sun  
Clayton from Netscape  
Shon from Microsoft  
Scott from Microsoft

Arriving later:

Randy from Borland  
Brendan from Netscape

### Next meetings

2/24 teleconference 11 am - 1 pm West Coast time (organized by Scott)  
2/28 in-person in the Bay Area (organized by Guy, precise location TBD)

### Review status of contributions

Randy's to-do list:

Proposal for extending the range of dates.

Brendan's to-do list:

ToString(Number)

Guy:

Updated doc that incorporates changes from the tele-conference and today's meeting.

Shon:

Email object model section to Guy.

Revisions of Ch. 4 and 6 based on activation/arguments/this changes.

(Guy will not work on ch. 4 and 6 so we can avoid merging problems.)

### Resolved issues

Semantics of numeric literals. We adopted Clayton's proposal with minor modifications (e.g., 17 rather than 21 digits). Agreed that this is legal:

var x =

0x111

and that if there are enough 1's, it is just equivalent to infinity.

This isn't really specified at all today. So this is a work item now we have a direction.

Order of evaluation for assignment. Resolved: we agree on what we have in the doc today.

7.10 Meaning of && and ||. We'll do them the PERL way rather than the Java way.

\* Relational operators. "Or" becomes "And" in step 7.

\* Activation and arguments

- \* The Activation object does not share identity with the arguments object
- \* For call, if the base object is the activation object, it gets replaced with null.
- \* The Activation object is not exposed in the language
- \* "arguments" is a built-in local. If the user defines a local or a parameter named "arguments", then the built-in "arguments" is not accessible.
- \* The "arguments" built-in local has the attributes set [DontDelete]
- \* Should the arguments object include local variables? No.
- \* Remaining issue: semantics for multiple engines
- \* Semantics of "foo.arguments", as opposed to "arguments".
  - \* this is just a compile-time thing. So #1 would work but #2 does not.
  - \* only works inside the function foo.
  - \* Cases:
    1. alert(foo.arguments.length)
    2. x = foo.arguments; alert(x.arguments.length)
  - \* foo.arguments has [DontEnum]

### **Review open issues**

\* Versioning.

\* 7.8 Equality operators -- consider comparing (null == undefined).

By Friday's conference call, Netscape agrees to decide the scope of page breakage that is caused by (null != undefined), which is the way this is spec'd now.

\* Non-1970 dates. We will discuss this as an issue. We will not discuss a date type. Waiting for a proposal from Randy. Shon raised an interesting sub-issue -- that you can do SetYear(96). Does this mean 96 A.D. or 1996?