Minutes of the: Ecma TC39-TG1
held in: Phone conference
on: 6th September 2006

Attendees

• Graydone Hoare, Mozilla
• Dave Herman, Northeastern
• Pratap Lakshman, Microsoft
• Jeff Dyer, Adobe Systems

Agenda

• es4-discuss items
• number proposal review
• yield grammar
• recent items from wiki

Notes

• es4-discuss
  o issue is not variance annotations being useful, it is whether they are worth their weight
  o without variance annotations, you have to encode the bounds by hand (casts, wrappers)
  o graydon: structural types want helper functions or wrappers anyway (modulo array methods, e.g.)
  o dave: consider set with abstract equality, two sets with different equality methods – intersection breaks
  o graydon: variance annotations don’t help that case

• number proposal review
  o graydon: suffixes always recognized, but not all numeric tokens are valid? under todo, extra rules/states
  o pratap: all 0x are hex? graydon: yes, and uint (by default and if u at end; or int if i at end)
  o asymmetry in conversion rules: int/uint overflow to double, but double does not overflow to decimal

• yield grammar
  o yield expressions need to be parenthesized unless on right of assignment
    • even if only actual parameter: f001 vs. bar((yield), arg2)
  o yield statements are not parenthesized

• backward compatibility

• public/private/internal
  o predefined namespaces (all three in class, public and internal in packages)
private is special in that it can’t be accessed, even explicitly, outside class or package (it can’t even escape as an ns)
• an indefinite number of user-defined public and private namespaces, you just get two for free, and open by default

1) yield