ES6 Rev26 Status

Allen Wirfs-Brock

- Terminology change: "Task" is replaced by "Job".
- Generator object return method/For-of/in loops use return method on generatorsGetMethod now treats null and undefined equivalently as meaning no method available.
- Eliminated the ability of Proxy handlers to extend the set of property descriptor attributes they expose vis [[GetOwnProperty]]
- Added invariant checks for Proxy [[OwnPropertyNames]] internal method
- Added an informative generator function based definition for ordinary object [[Enumerate]]
- Another round of updates to 9.2.13 FunctionDeclarationInstanations to fix various scoping bugs.
- Eliminated duplicate property name restrictions on object literals and class definitions
- Revisited @@unscopable support in Object Environment Records

- For-of now throws if iterable value is null or undefined (also reverted comprehensions to throwing for that case)

- Date.prototype.toString now uses NaN as its time value when applied to an object with out a [[DateValue]]

- Function poision-pill caller and arguments properties are now configurable

- await is a FutureReservedWord when parsing and Module is the syntactic grammar goal symbol

- Better integration of O.p.toLocaleString and String.p.toLocaleString with Ecma-402

- Added name property for bound functions in F.p.bind. Fixed bugs in generating length property in F.p.bind

- Tweaked Script GlobalDeclarationInstantiations to deal with error situations that could arise from misusing proxies for the global object.

- Changed handling of NaN returned from a sort comparefn to match web reality. See bug https://bugs.ecmascript.org/show_bug.cgi?id=2978

- Updated Symbol conversions: aSym == "not a symbol" produces false. var s=Symbol(); s==Object(s) produces true. foo"+aSymbol or aSymbol+"foo" throws TypeError. Symbol @@toPrimitive returns the wrapped symbol value. ToNumber(aSymbol) throws.

- Spread now works on strings: var codeUnits = [..."this is a string"];

- yield * now works with strings: function * getchars(str) {yield * str}

- Annex B support for function declarations in IfStatmentClauses

- Annex B (and 13.12) support for legacy labelled FunctionDeclarations.

- Updated Annex C (strict mode summary) WRT ES 6 changes and extensions.