

ES6 Rev26 Status

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- 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 `FunctionDeclarationInstantiations` 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 poison-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 `IfStatementClauses`
- Annex B (and 13.12) support for legacy labelled `FunctionDeclarations`.
- Updated Annex C (strict mode summary) WRT ES 6 changes and extensions.