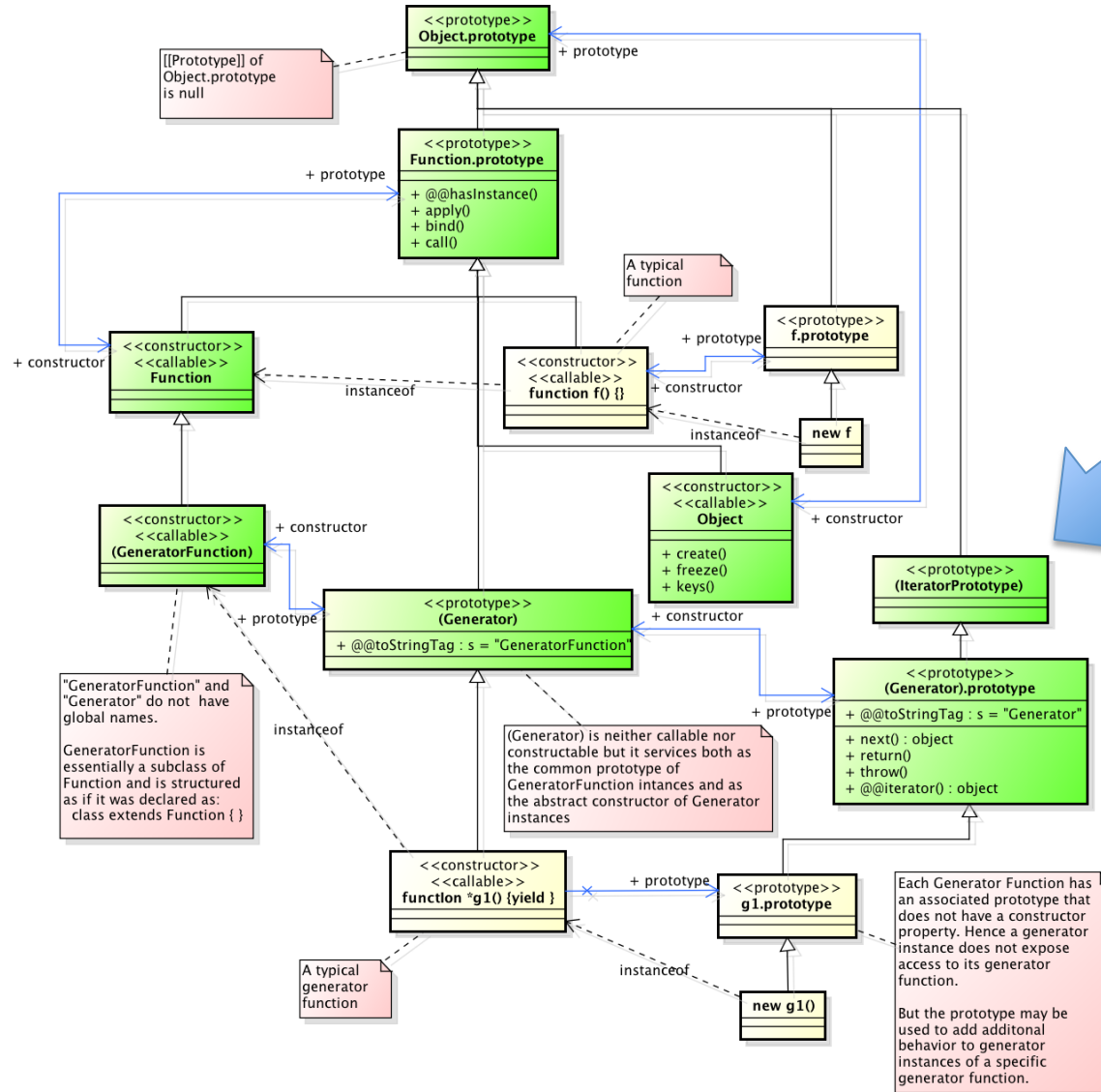


# ES6 Rev27

# Added %IteratorPrototype% that all built-in iterators inherit from.



# Issue: should %IteratorPrototype% define a @@iterator method

- Definition: Return this value
- Currently defined in %GeneratorPrototype% and in the prototype for all built-in iterators.
- [https://bugs.ecmascript.org/show\\_bug.cgi?id=3104](https://bugs.ecmascript.org/show_bug.cgi?id=3104)

# Other Rev27 Changes from Last TC39 Meeting

- Destructuring now performs `ToObject` on values to be destructured.
- Array and generator comprehensions removed from language
- Removed specification of `Reflect.Realm`
- Revised `@@unscopable` semantics as per last TC39 meeting
- `Object.assign` ignores null and undefined source arguments
- Made it an error to reentrantly enter a generator via `next/throw/return`.
- `String(aSymbol)` now returns the symbol's description. Does not change `ToString(symbol)` throwing ever where else.
- `aSymbol == Object(aSymbol)` now is true, just like other wrappable primitives, see bug: [https://bugs.ecmascript.org/show\\_bug.cgi?id=3066](https://bugs.ecmascript.org/show_bug.cgi?id=3066)
- Tighten specification of when `Array.prototype.sort` is implementation defined

# Other Rev27 Changes from Last TC39 Meeting (cont)

- Added 16.1 that lists forbidden extensions.
- Removed all explicit poison pill methods on functions (except for `Function.prototype`) and added 16.1 restrictions on such extensions.

# Other Rev27: New Issues Addressed

- Made it an error to reentrantly enter a generator via next/throw/return.
- String(aSymbol) now returns the symbol's description. Does not change ToString(symbol) throwing ever where else.
- aSymbol == Object(aSymbol) now is true, just like other wrappable primitives, see bug: [https://bugs.ecmascript.org/show\\_bug.cgi?id=3066](https://bugs.ecmascript.org/show_bug.cgi?id=3066)
- Tighten specification of when Array.prototype.sort is implementation defined
  - <http://esdiscuss.org/topic/array-prototype-sort-order-and-moment-of-the-get-set-calls>

# Pending Issues

# 08 and 09

- [01239: http://esdiscuss.org/topic/early-error-on-0-followed-by-8-or-9-in-numeric-literals-does-not-seem-to-be-web-compatible](http://esdiscuss.org/topic/early-error-on-0-followed-by-8-or-9-in-numeric-literals-does-not-seem-to-be-web-compatible)
- [https://bugs.ecmascript.org/show\\_bug.cgi?id=2792#c11](https://bugs.ecmascript.org/show_bug.cgi?id=2792#c11)
- [“\09”: https://bugs.ecmascript.org/show\\_bug.cgi?id=3212](https://bugs.ecmascript.org/show_bug.cgi?id=3212)



# Open Work Items

- Update Introduction
- Update Language Overview
- RegExp normative and Annex B issues
- Annex B spec for HTML style <-- comments
- Lots of module spec. work
- Instantiation reform, language + built-ins