### Additional Meta-Properties in ES7

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See

https://github.com/allenwb/ESideas/blob/master/ES7MetaProps.md https://esdiscuss.org/topic/proposal-additional-meta-properties-for-es7

#### Meta-Properties

<Reserved word> . <IdentifierName>

- Provides access to contextually dependent runtime values
  - Without polluting the lexical namespace
- Each meta property is its own special form with its own unique semantics.
- ES6 has one meta-property new.target

### function.callee The currently running function

- The value of function.callee is the function object that is currently being evaluated by the running execution context.
- It is not lexically scoped like this, super or new.target. Its value may be an Arrow Function.
- A replacement for arguments.callee
- Alternatives: function.self function.this
- function.current function.here function.active function.object

```
function foo(c) {
 return c.map(
    e-> {console.log(function.callee);
         return this.op(e)
```

# function.count The actual argument count

- The actual number of arguments pass to the function that is currently being evaluated by the running execution context.
- It is *not* lexically scoped like arguments so it can report the number of arguments passed to an Arrow Function.

# function.arguments The actual argument values

- The value is a fresh array containing the actual arguments passed to the function that is currently being evaluated by the running execution context.
- It is not lexically scoped like arguments so it can provide the actual arguments passed to an Arrow Function.

#### function.next Current yield result

- Within a GeneratorFunction, the value passed to the generator by the next method that most recently resumed execution of this generator.
- Prior to the first evaluation of a yield operator returns the argument value passed by the next call that started evaluation of the GeneratorBody.
- Alternatives: function.yield.last function.yield.first (the initial yeld value)

#### function.thisGenerator Current generator instance

 Within a GeneratorFunction, the generator object that is currently active.

#### export.name Current module identifier

- Import.this
- Import.meta