Additional Meta-Properties in ES7

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See
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.
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 yield 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