

Function objects are linked to ...

... `Function.prototype` which in turn is linked to
`Object.prototype`.

What is the default value of variables?

undefined

What's unusual about JavaScript's function invocation?

If the number of arguments doesn't match the number of parameters, arguments are dropped or supplied as `undefined` as needed.

What is a refinement?

The umbrella term for member access that includes dot and subscripts.

Write to the web page.

```
document.writeln("hello, world");
```

In JavaScript's terminology, what is a method?

A public method?

A method is a function that is a member of an object. It is public if it uses `this` to access its containing object's state.

How can code be invoked?

- Method - expression uses refinement
- Function - direct call without refinement
- Constructor -
- Apply

What's the huge problem with `this`?

What's the consequence?

In function invocation `this` refers to the global object, **not** any containing object.

Inner functions of methods designed as helpers lack reference to the method's containing object.

How can one work around the useless mapping of `this` in function invocations?

By explicitly storing the value of `this` in a variable before the function is invoked inside a method.

How are varargs handled?

No special syntax is used. Every function has access to an `arguments` array-like object that includes all arguments whether bound to a parameter or excess.

Access the size of an array.

```
js> ['a', 'b'].length
```

```
2
```

How are exceptions normally thrown?

Using object literal syntax, typically with the `name` and `message` properties specified.

How is exception handling different than in Java?

There is only one catch block that catches exceptions of every type.