new.target

using new.target inside constructors

After the introduction of `new.target` for classes in Chapter 4, you will now understand it more deeply by using the same language construct for functions.

You can retrieve the constructor function of an object inside the constructor by using `new.target`.

```javascript
function MyConstructor() {
    console.log( new.target === MyConstructor, typeof new.target );
    if ( typeof new.target === 'function' ) {
        console.log( new.target.name );
    }
}

new MyConstructor();
//> true "function"
//> MyConstructor

MyConstructor();
//> false "undefined"
```

Whenever you call a constructor **with** the `new` operator, `new.target` contains a reference to the constructor. Whenever you call a constructor **without** the `new` operator, `new.target` will be `undefined`.

In order to understand `new.target` on a deeper level, check out the last exercise in the next lesson.