OOP patterns

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General concepts

JavaScript is a very flexible language. In contrast with Java, PHP, C++ and many other languages, there are many ways to implement OOP in JavaScript.

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Pseudo-classical pattern

In pseudo-classical pattern, the object is created by a constructor function and it's methods are put into the prototype.

Pseudo-classical pattern is used is frameworks, for example in Google Closure Library. Native JavaScript objects also follow this pattern.

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All-in-one constructor pattern

All methods and properties of the object can be added in the constructor. This method doesn't use `prototype` at all.

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Factory constructor pattern

This pattern is special, because it doesn't use `"new"`. The object is created by a simple function call, similar to*Python-style*:

```
var animal = Animal("fox")
var rabbit = Rabbit("rab")
```

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