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Track: Full Stack PHP

Inheritance in function constructor

Using the parameters of the previously defined function along with adding some new parameters to the newly defined constructor function.

When an inherited function is executed, the value of this points to the inheriting object, not to the prototype object where the function is an own property.

Example

```
const parent = {  
  value: 2,  
  method() {  
    return this.value + 1;  
  },  
};  
  
const child = {  
  __proto__: parent,  
};  
  
console.log(child.method());
```

The power of prototypes is that we can reuse a set of properties if they should be present on every instance — especially for methods. Suppose we are to create a series of boxes, where each box is an object that contains a value which can be accessed through a getValue function.