

LocalStorage stringifies all data

html5's local storage turns all data written to it into a string.

If the data value is an object, it does this by calling its toString method.

This makes it pretty useless for storing objects:

```
class MyClass {
  someMethod() {
    console.log("some method");
  }

  toString() {
    return "xxxx";
  }
}

const myObject = new MyClass();
localStorage.setItem("key", myObject);
const getBack = localStorage.getItem("key");

console.log(myObject instanceof MyClass); // true
myObject.someMethod(); // some method
console.log(getBack instanceof MyClass); // false
console.log(getBack); // xxxx
getBack.someMethod(); // TypeError: getBack.someMethod is not a function
```

The data read back has been converted into a string = "xxxx". It is no longer an instance of MyClass, and so has lost its method.

If its a data only class, you can JSON it on storage, and parse the JSON when read back.

If you want those methods, you must save strings showing what class it is, and enough data to allow you to read those strings back, then call the constructor to re-create the object so it has methods again.