# JavaScript: The Good Parts Bookclub

### Chapter 1: Good Parts

History:

JavaScript Timeline

**Evolution of the Web** 

**Browser Timeline** 

Dynamic vs Static languages

Browser Dev Status:

Chrome

Mozilla Webkit

<u>Edge</u>

JavaScript Status:

ES6 Perf

ES6 Compat

Browser Implementation Status:

What the Web Can Do Today

Browserscope Quirksmode

**Browser Release Status:** 

<u>Chrome Channel Releases</u> Safari Technology Preview

Firefox Channel
Edge Changelog

#### Chapter 2: Grammar

Strings:

Pile of poo test

Expressions:

http://rainsoft.io/javascriptss-ad dition-operator-demystified/

Wat Explained
ToPrimitive
JS equality table

JS comparison example

Try and Catch:

Asynchronous Problem Example

**Promises** 

Async / Await

## Chapter 3: Objects

Enumeration:

The Dictionary Pattern

## Chapter 4: Functions

Constructor Invocation Pattern:

Video tries to 'fix' problems with the function constructor, how did it fail?

Closures:

Cute Closure Analogy

#### Chapter 5: Inheritance

```
Pseudoclassical:
```

```
Super = function () {...};

Super.prototype.constructor=Super;

Super.prototype.methodA = ...;

Super.prototype.methodB = ...;

Sub = function () {...};

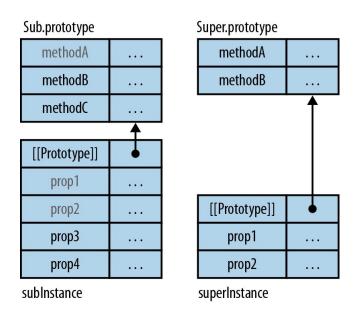
Sub.prototype = Object.create(Super.prototype);

Sub.prototype.constructor = Sub; //need to fix manually

Sub.prototype.methodB = ...;

Sub.prototype.methodC = ...;
```

Source: The Awesome Speaking JS Book Free Online



#### Chapter 5: Inheritance

Pseudoclassical: Instance of Super Constructor Used As Prototype Antipattern

Before ECMAScript 5 and Object.create(), an often-used solution was to create the subprototype by invoking the superconstructor:

Sub.prototype = new Super(); // Don't do this

This is not recommended under ECMAScript 5. The prototype will have all of Super's instance properties, which it has no use for. Instead use Object.create to make a new instance on the prototype chain:

Sub.prototype = Object.create(Super.prototype); // Do this

Don't forget to fix constructor:

**Sub.prototype.constructor = Sub;** 

## Chapter 5: Inheritance Example

https://rajsite.github.io/good-parts-notes/inheritance/