

Java

Java Script

Prologue

Why bother learning other languages?

Foreign Language?

Makes you think about
things in other ways

**Makes it easier to make
tech decisions**

For web devs, JS is one
of the big 3

**Most FE devs don't
have Rails bg**

**This is supposed to be
hard**

JS is filled with WTFs

We Good?



Hosted at GIFSFORUM.com

NOT JAVA

Not even related to
Java

Kinda related to Java

Background

Programming Language

ECMAScript

Prototype Based

Tangent Time

Prototypal Inheritance vs. Classical Inheritance

**We'll talk more about
this later**

Created at Netscape in
10 days

By Brendan Eich

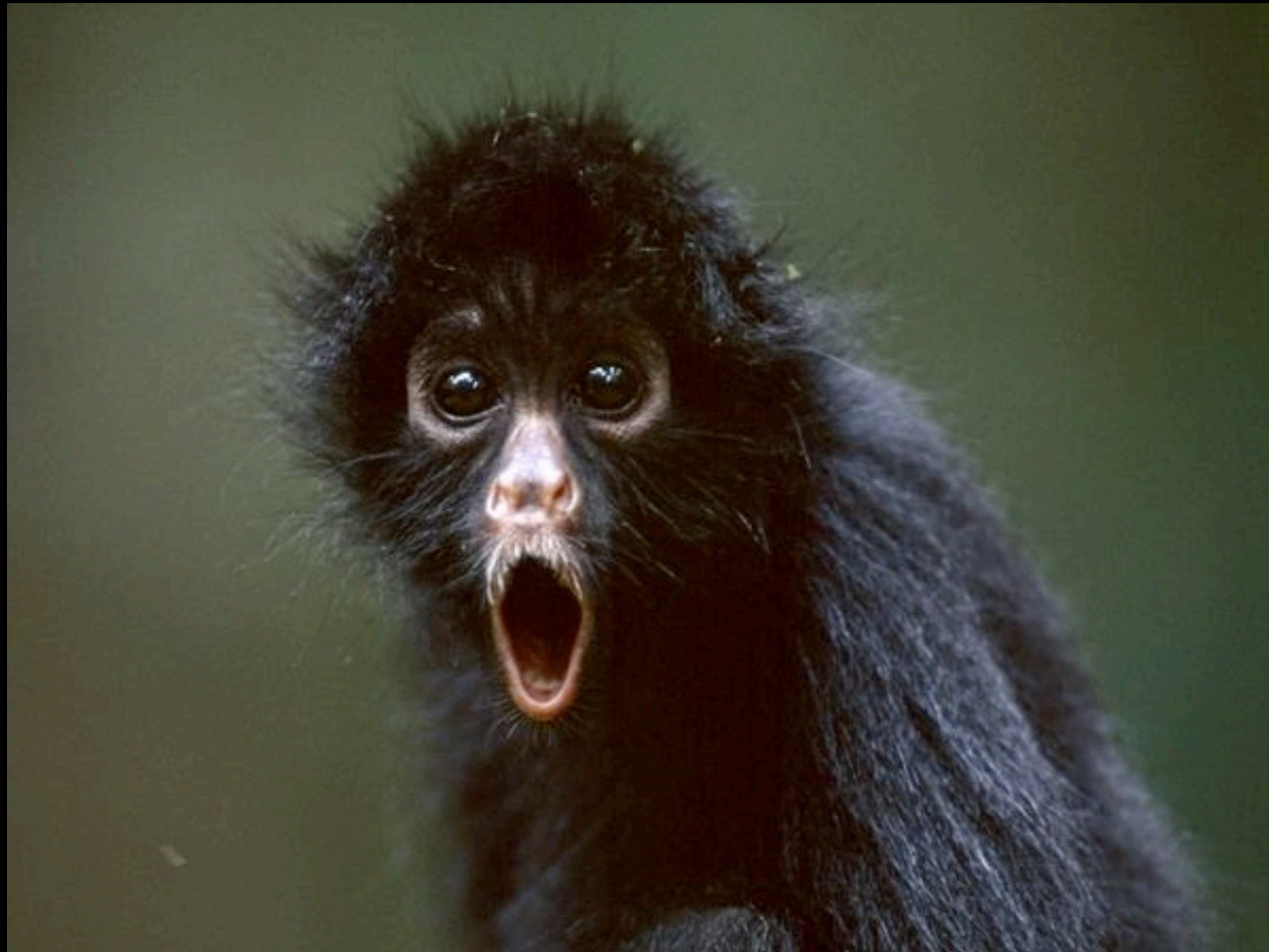
In 1995

Insanely Popular

By Any Other Name

Node.js

Browser Implementations







Here, we be usin
browsers

From request to execution

Browser parser

```

<!DOCTYPE html>
<!--[if IE]><![endif]-->
<html class="NYT5Style wf-nytkarnakdisplay130124-n4-active wf-nytcheltenham...
wf-nytfranklin-n5-active wf-nytfranklin-n7-active wf-active" lang="en">
<head>
  <link href="http://css.nyt.com/css/0.1/screen/common/modal/loginModal.css"
    rel="stylesheet" type="text/css"></link>
  <link href="http://css.nyt.com/css/0.1/screen/common/modal/regiModal.css"
    rel="stylesheet" type="text/css"></link>
  <script async="" src="http://b.scorecardresearch.com/beacon.js"></script>
  <script async="" src="http://b.scorecardresearch.com/c2/3005403/cs.js"></script>
  <script type="text/javascript" async="" src="http://cdn.krxd.net
    /controltag?confid=HrUwtkcl"></script>
  <title></title>
  <meta content="IE=edge" http-equiv="X-UA-Compatible"></meta>
  <meta content="noarchive,noodp,noydir" name="robots"></meta>
  <meta content="Find breaking news, multimedia, reviews & opinion on Washing...s,
    travel, books, jobs, education, real estate, cars & more." name="description"
    ></meta>
  <meta content="Fulop, Steven M,Jersey City (NJ),Christie, Christopher
    J,End...,Chemicals,Water Pollution,Golden Globes (Awards),Television" name="keyword"
    ></meta>
  <meta content="Homepage" name="CG"></meta>
  <meta content="" name="CC"></meta>

```



```
<script src="myjs.js"></script>
```

HTTP Request

	GET	sitewide.js	js.nyt.com	js	293.22 KB	→ 19 ms			
	GET	top.js?v=20131125	js.nyt.com	js	56.92 KB	→ 14 ms			
	GET	miq8eej.js	typeface.nytimes.com	js	21 KB	→ 19 ms			
	GET	flextype_scriptsrc.js?v1.7	graphics8.nytimes....	js	4.13 KB	→ 39 ms			
	GET	videofactory.js	js.nyt.com	js	46.48 KB	→ 40 ms			
	GET	app.js	js.nyt.com	js	9.23 KB	→ 40 ms			
	GET	mtr.js	js.nyt.com	js	29.67 KB	→ 34 ms			
	GET	build.js	js.nyt.com	js	35.79 KB	→ 20 ms			
	GET	recommendationsModule.js	js.nyt.com	js	23.52 KB	→ 21 ms			
	GET	meter.js?callback=jQuery171...	meter-svc.nytimes....	js	0.22 KB	→ 146 ms			
	GET	bottom.js	js.nyt.com	js	58.30 KB	→ 15 ms			
	GET	trackingTags_v1.1.js	graphics8.nytimes....	js	20.54 KB	→ 16 ms			
	GET	miq8eej.js	typeface.nytimes.com	js	application/x-javascript	→ 48 ms			
	GET	hierarchical.jsonp?callback=js...	json8.nytimes.com	js	74.19 KB	→ 217 ms			
	GET	all.js	connect.facebook.net	js	171.78 KB	→ 17 ms			
	GET	home.asp?0.1652896731426...	markets.on.nytimes...	js	1.41 KB	→ 69 ms			

Interpreter

**Ruby has one of these
too (MRI)**

How do we work with dev tools?

How to see the inspector?

Let's install some stuff

Node

Homebrew


```
brew install node
```

Browsers?

Make sure browsers/vm installed

- Chrome, firefox, safari, vb, modern.ie