

JavaScript Everything

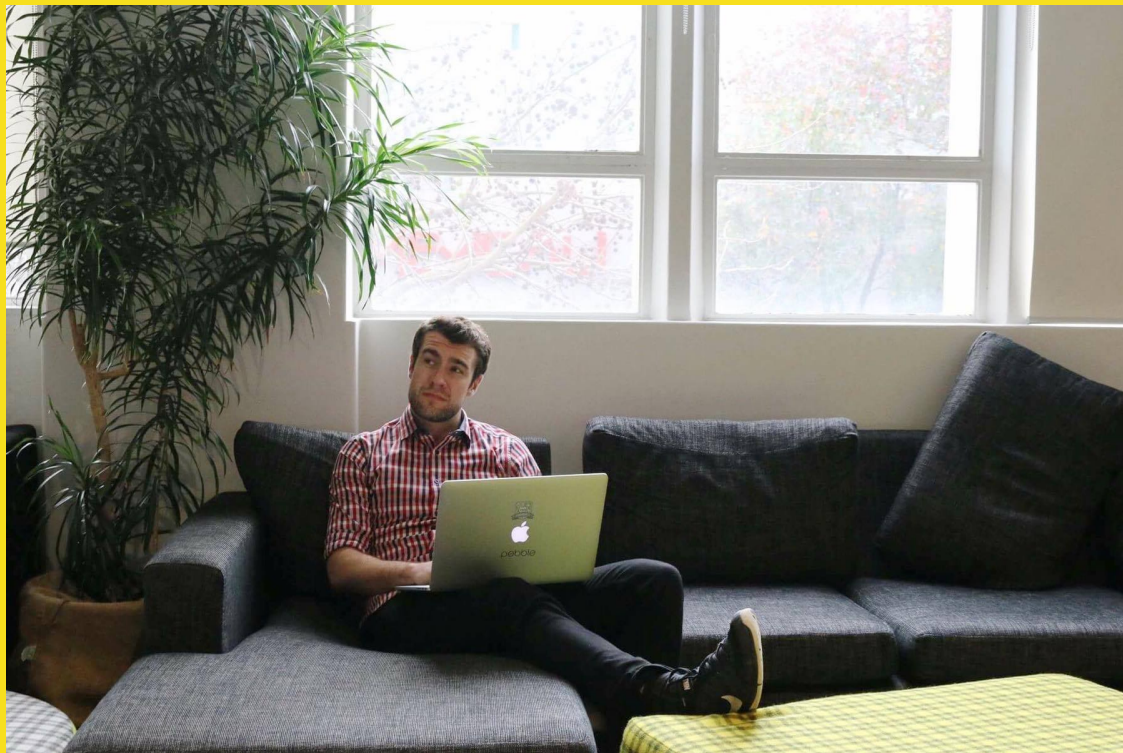
Everything JavaScript





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JavaScript

Birth

Mashup/Demos/Stories

Life

Tips

Peak

Questions

The Origin Story

1995

The First Browser War



NETSCAPE®

C++ = 6 Years

Python = 2 Years

JavaScript = 10 Days

vs



Internet Explorer

CLONE WARS

ECMAScript == JavaScript

Microsoft won the first browser war 🏆

The End

The Language

Pffft what a silly language



Simple
Accessible
Fun

Types

Boolean

String

Null

Number

Undefined

Objects

And... Symbol (ES6)

Basic Syntax (ES5)

```
var people = ['John Key', 'Helen Clark', 'Jamie Sinclair'];

function compliment(person) {
    return 'You are very cool ' + person;
}

var complimentedPeople = people.map(compliment);
```

ES6

```
const people = ['John Key', 'Helen Clark', 'Jamie Sinclair']
```

```
const complimentedPeople = people.map(person => `You are very cool ${person}`)
```

How to use ES6

Look into the tools, Babel or Traceur.

Turns it back to regular JS.

Now the old browsers can use it.

Interacting with the Browser

```
<div id="quote"></div>

<script>
    var quoteNode = document.getElementById('quote');

    quoteNode.innerHTML = 'Live, love, laugh.';
</script>
```

Interacting with the Browser

```
var request = new XMLHttpRequest();

request.onreadystatechange = function() {
    if (request.readyState == 4 && request.status == 200) {
        console.log(request.responseText);
    }
};

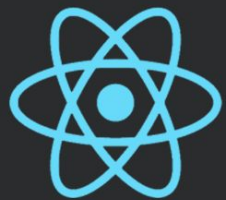
request.open('GET', 'https://google.com', true);
request.send(null);
```


jQuery

```
$('#quote').html('Live, love, laugh.');
```



```
$.get('http://google.com', function(response) {  
    console.log(response);  
});
```



React

Krunkout



BACKBONE.JS



ANGULARJS
by Google

ember



Vue.js

METEOR



jQuery
write less, do more

React JS !== Angular JS

React JS

Handles only the view layer

Flexibility in handling data and apps

Initial steep learning curve

Angular JS

Opinionated App Framework

Provides a great set of prebuilt tools

Easier learning curve



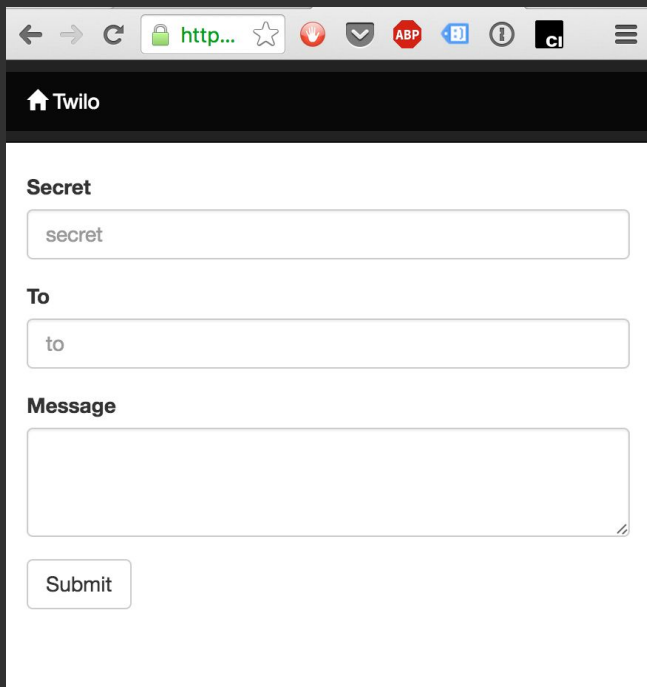
Node.js

Serverside / Backend

Fast, Event Driven, Async Language

Databases, Apps, Tooling, Hardware

Slightly Relevant Example



A screenshot of a web browser window displaying a Twilio messaging interface. The browser's address bar shows a URL starting with 'http...'. The Twilio header is visible with a home icon and the text 'Twilio'. The form contains three main sections: 'Secret' with a text input field containing the word 'secret'; 'To' with a text input field containing the text 'to'; and 'Message' with a large, empty text area. At the bottom of the form is a 'Submit' button.

Secret

secret

To

to

Message

Submit

Solved real world
problem.

Peak JavaScript

JavaScript. Applied!

#JSMASHUP



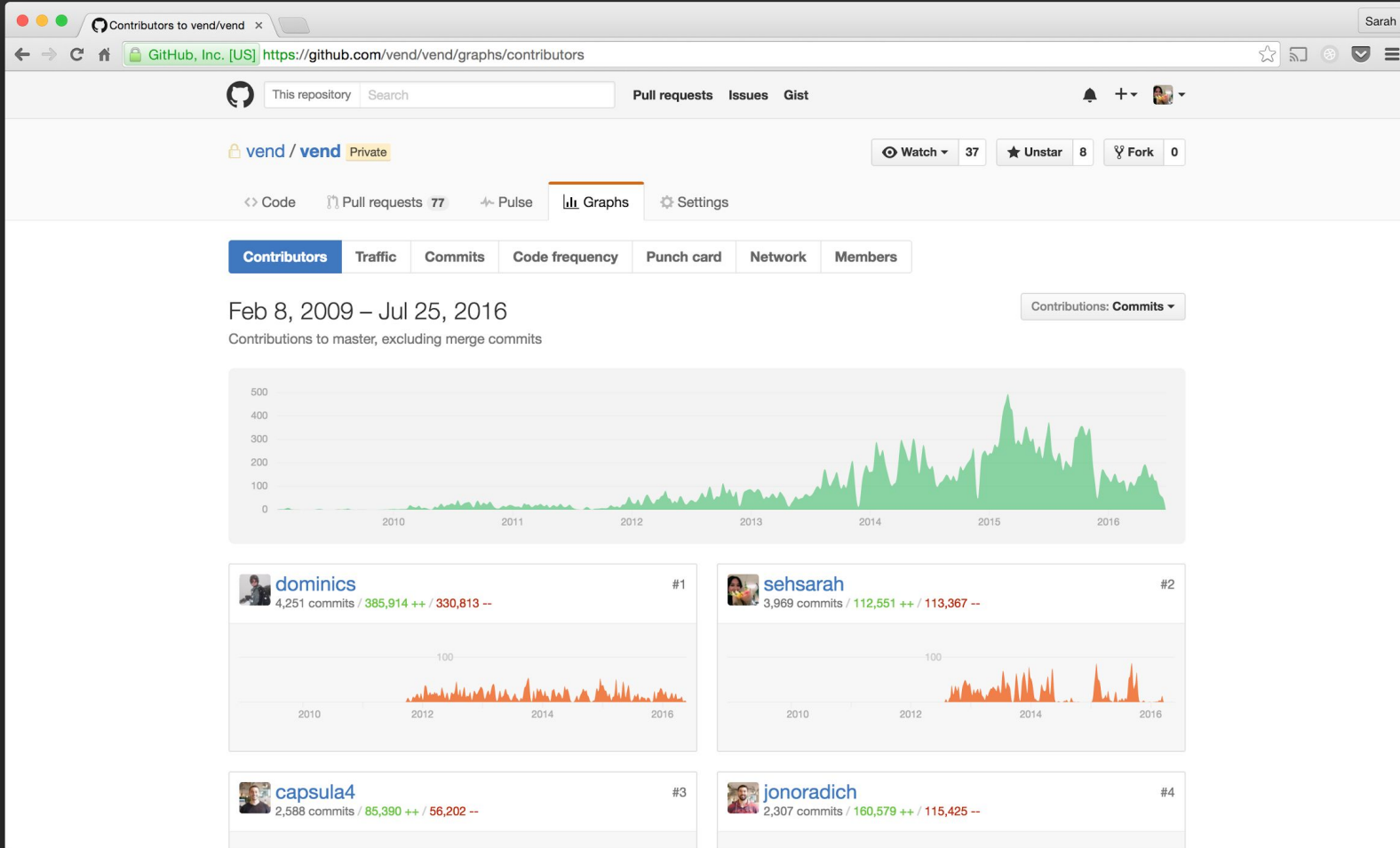


WHIRLWIND





Tips

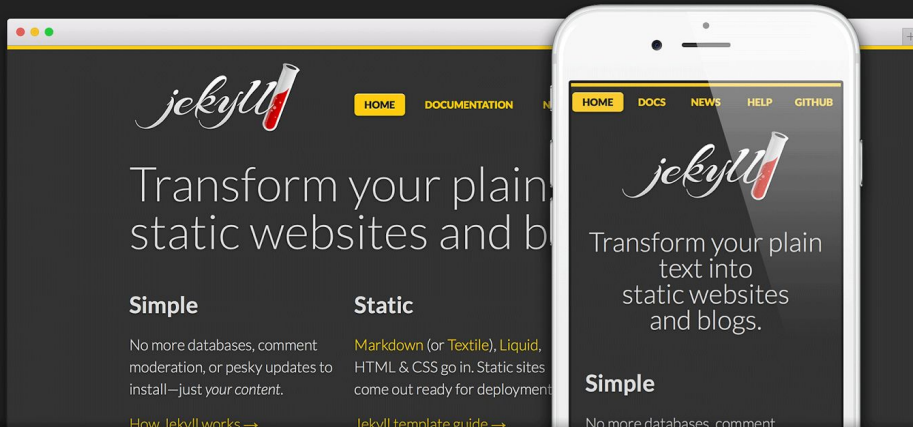


GitHub Pages

[Pages Help](#)

Websites for you and your projects.

Hosted directly from your [GitHub repository](#). Just edit, push, and your changes are live.



Roll vanilla, or generate a site for your

Personal Website

Angular + gulp + npm/bower

React + webpack



Questions

Questions

About Vend

Anything we've mentioned

Our Jobs

Anything we haven't

Our Tech

Advice

About us

More tips on anything else