


Why I  JavaScript

Topic Outline

- Economic Opportunity
- WWW Core Technology
- Browser Integration
- OSI Model Coverage
- Criticisms
- HTML Canvas

Economic Opportunity

- The Bureau of Labor Statistics projects about 27 percent employment growth for web developers by 2024.
- During that period, about 39,500 new jobs will need to be filled in an industry that already has roughly 148,500 positions.

WWW Core Technology

- World Wide Web core technologies
 - HTML
 - CSS
 - Javascript

Browser Integration

- Comprehensive Development Environment integrated into the browser
- Included in the browser or available by plugin
- Available in Firefox and Safari

OSI Model Coverage

- Session layer - javascript provides eventful XML HTTP request handling
- Application layer – javascript is a fully featured programming language
- Presentation layer – javascript has full access to the browser DOM, CSS, HTML

Criticisms

- Not strongly typed
 - Same is true of PHP and Python
- Not object oriented
 - Does not offer encapsulation of C++
 - Is comparable to object oriented Python
 - Javascript objects can contain methods
- Not intuitive
 - Many good online tutorial and learning tools
 - Stack Overflow offers many solutions

HTML Canvas

- If you still think of JavaScript as just a way to move data to and from the back end server to the user, then you probably haven't used the HTML canvas.
- Canvas javascript demo – Conway's *Game of Life*
 - [Intravisions.com/games/conway/](http://intravisions.com/games/conway/)

This Presentation Available At

[github.com/fractalxaos/barcamp/
WhyILuvJavascript.pdf](https://github.com/fractalxaos/barcamp/WhyILuvJavascript.pdf)