Why I ❤ Javascript

- 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

- Comprenhensive Development Enviroment 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 – javascipt is a fully featured programming language

- Presentation layer – javascript has full access to the browser DOM, CSS, HTML

Critisisms

- 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 backend server to the user, then you probably haven't used the HTML canvas.

- Canvas javascript demo – Conway's *Game of Life*

This Presentation Available At

github.com/fractalxaos/barcamp/
WhyILuvJavascript.pdf