

## Web Browser

Client Engine

Listens  
for Events

Applies  
Updates

DOM



Forwards Events

Web Socket  
Connection

Sends Updates

Update  
Protocol

## Virtual Browser

Server Engine

Parses

Dispatches  
Events

Observes  
Changes

DOM

Adds Event  
Listeners

Modifies DOM

JSDOM, Contextify

## Server-side JS Environment (node.js)

JS Web Application

HTML

Data Bindings

JavaScript  
Application  
Code

CSS, Images

JS  
Libraries (jQuery,  
knockout)

node.js  
Libraries

Other Tiers

