





About Us





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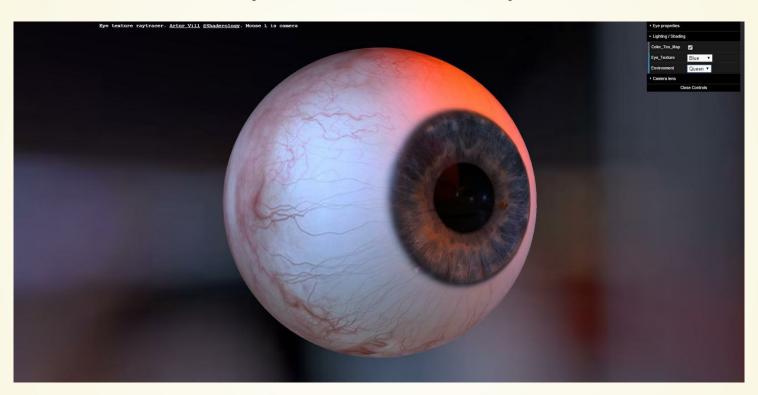
WHAT IS WEBGL?

- JavaScript API for talking to the GPU
- Based on OpenGL ES 2.0
- Been around for a few years



WHAT DOES WEBGL LOOK LIKE?

http://www.vill.ee/eye/



I WANT MORE!

http://www.chromeexperiments.com/ http://www.gootechnologies.com/showcase/



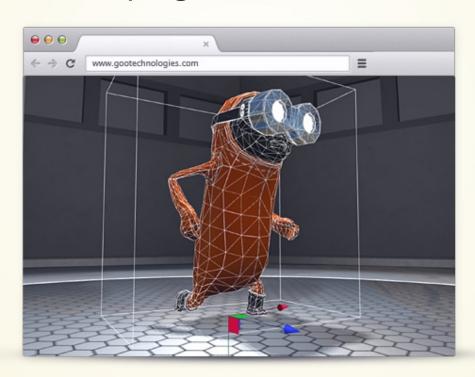
WEBGL FOR MORTALS (NOT EVERYONE IS A WIZARD)

- Graphics wizards
- Game developers
- Artists
- Architects
- Teachers
- Advertisers
- Interface designers

PIPELINES AND WORKFLOWS

STEP ONE: A 3D ENGINE

- Goo Engine!
- Open web standards
- No plugins, no downloads



DEMO TIME!

http://labs.gooengine.com/videosphere http://labs.gooengine.com/goofy/particlefun/ The Tunnan Gameplay Video

STEP TWO: AN IN-BROWSER 3D TOOL

Goo Create



DID YOU FORGET TO OPEN A BROWSER TAB, VICTOR? YES YOU DID

http://create.gootechnologies.com

DO YOU WANT TO TRY IT OUT?

(OF COURSE YOU DO)

Sign up for the beta:

http://www.gootechnologies.com



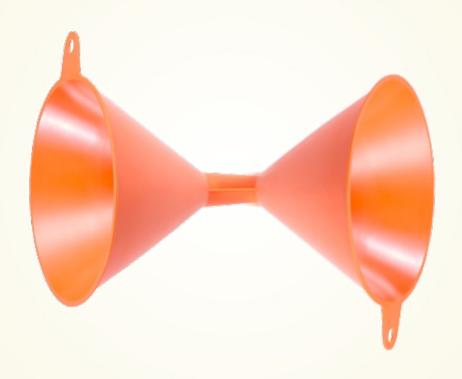
STEP THREE: NOW WHAT?

THE FUNNEL - A PIPELINE

(SORT OF)



LOTS OF INPUTS, LOTS OF OUTPUTS THE DOUBLE FUNNEL!



DEMO TIME AGAIN!

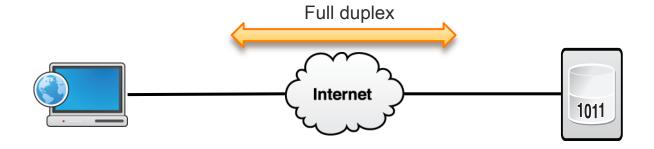
Here is the link, Victor:

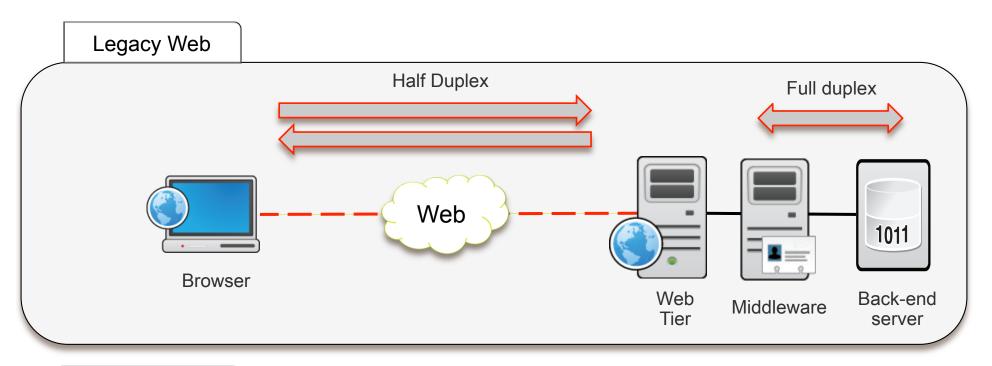
http://www.gootechnologies.com/pearl-boy

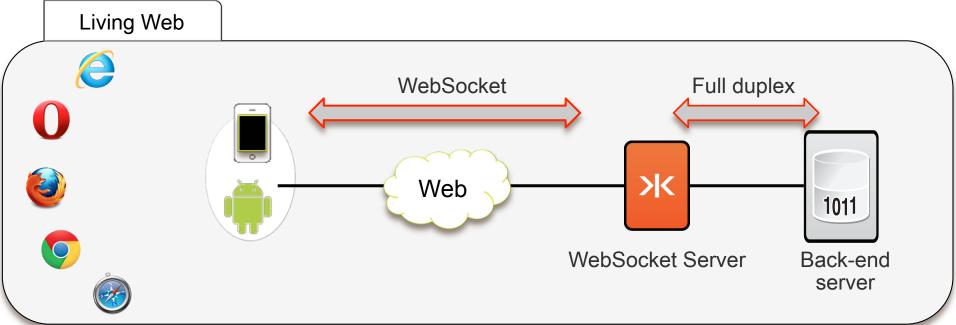


HTML5 WebSocket: TCP for the Web

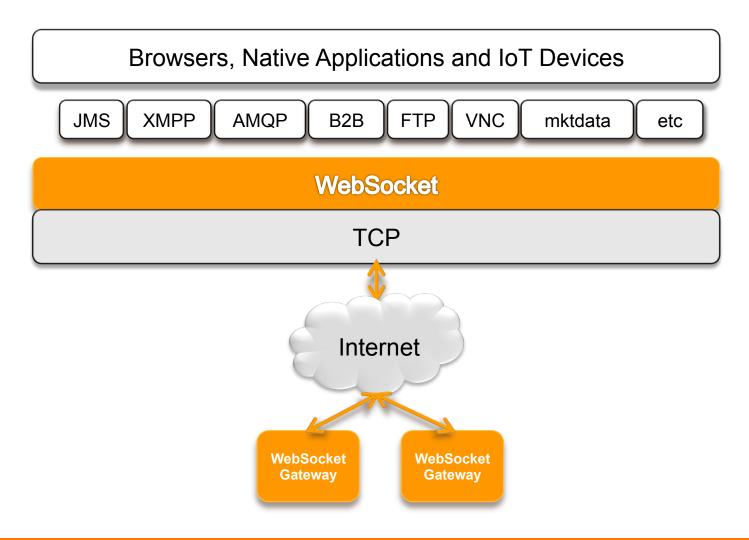
- Standard Protocol (IETF): RFC-6455
- Standard API:
 - W3C: JavaScript
- Single socket, full-duplex
- Low overhead: <1% of HTTP
- Low latency: low milliseconds
- SSL support



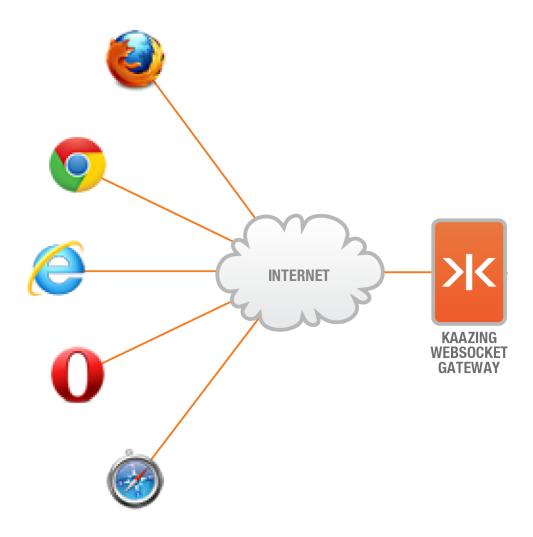




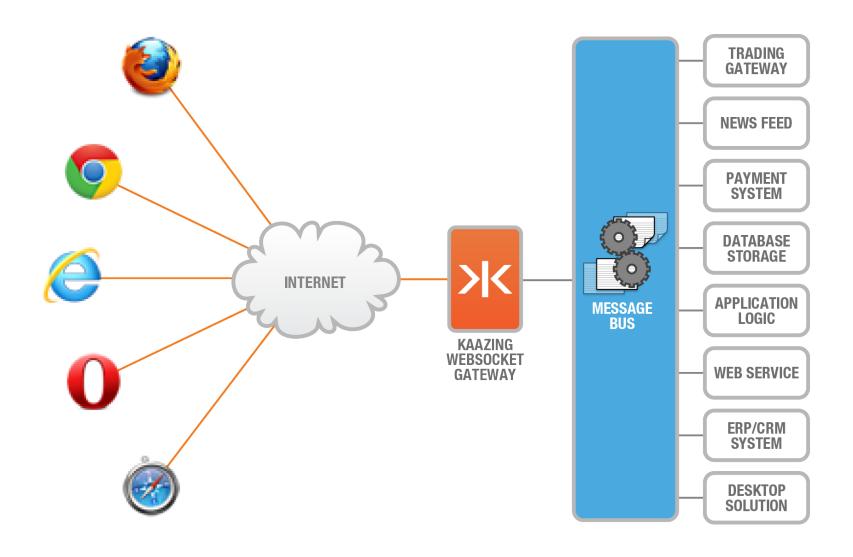
Protocol Layering



WebSocket Clients and Server



Enterprise Messaging Extended to the Web



Raspberry Pi

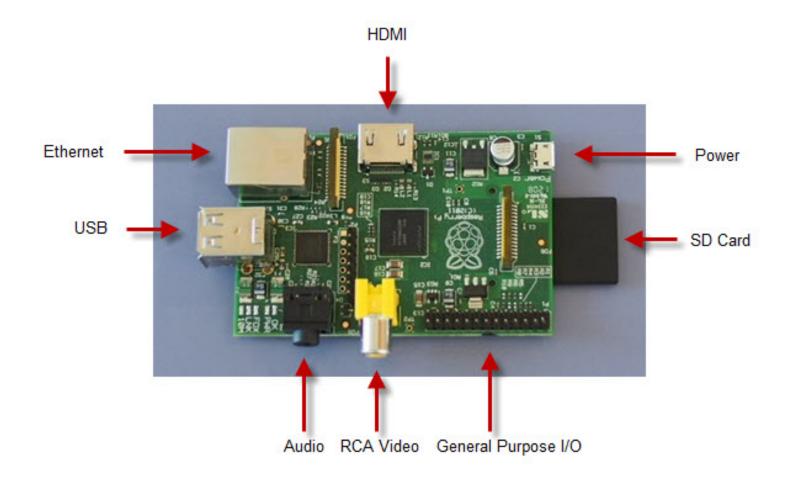


Image source: http://www.oracle.com/technetwork/articles/java/raspberrypi-1704896.html

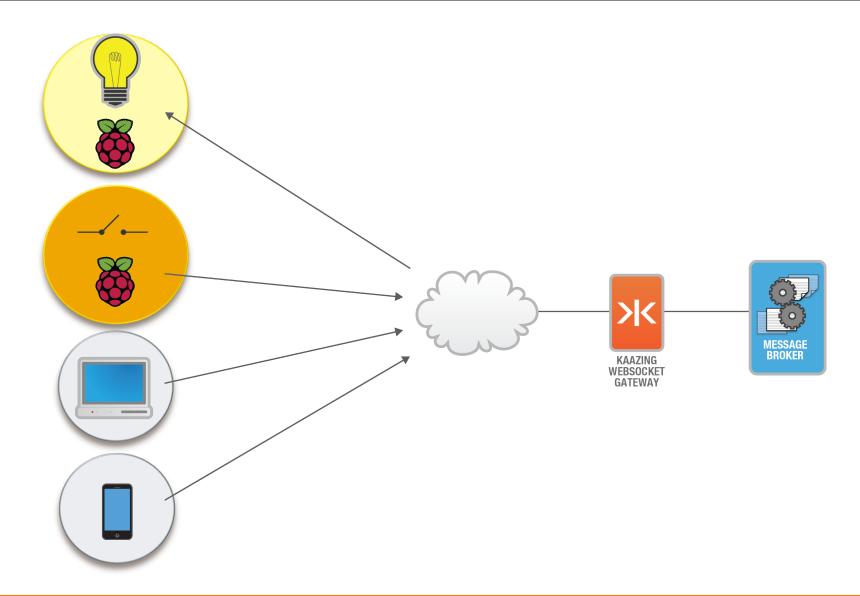


Demo Setup





Controlling the Light Remotely Using Pub-Sub Over the Web



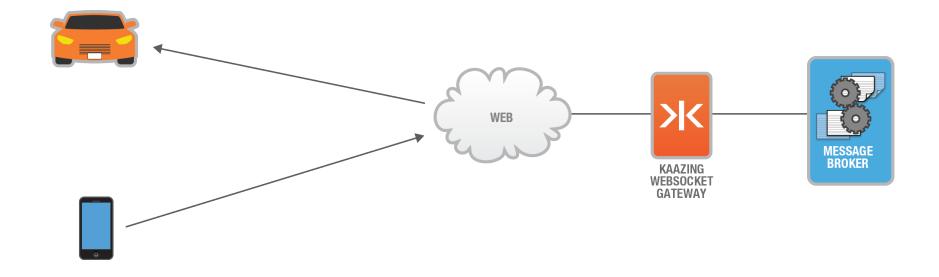
The Web Bridges Continents KAAZING > (

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Demo



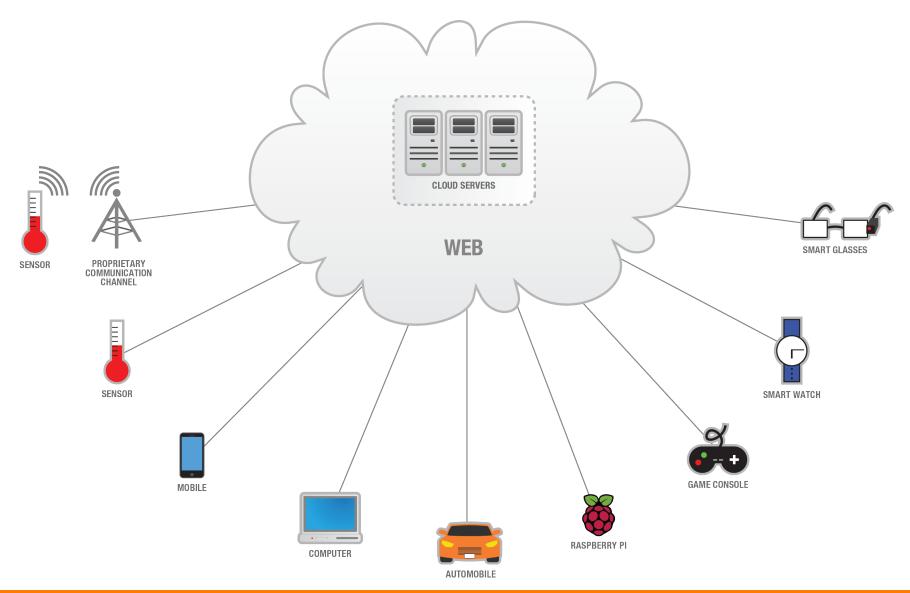
The Architecture



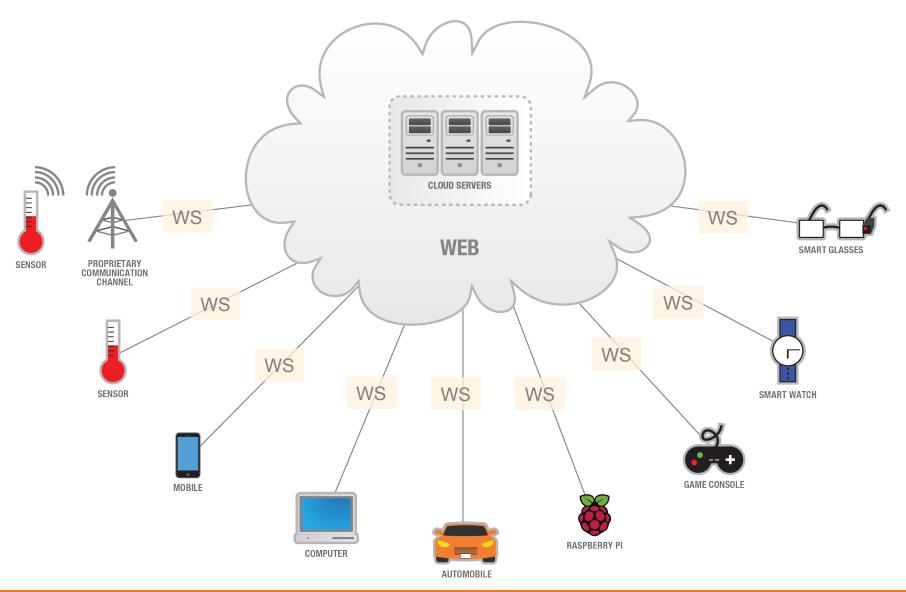
It's More than "Just" the Web



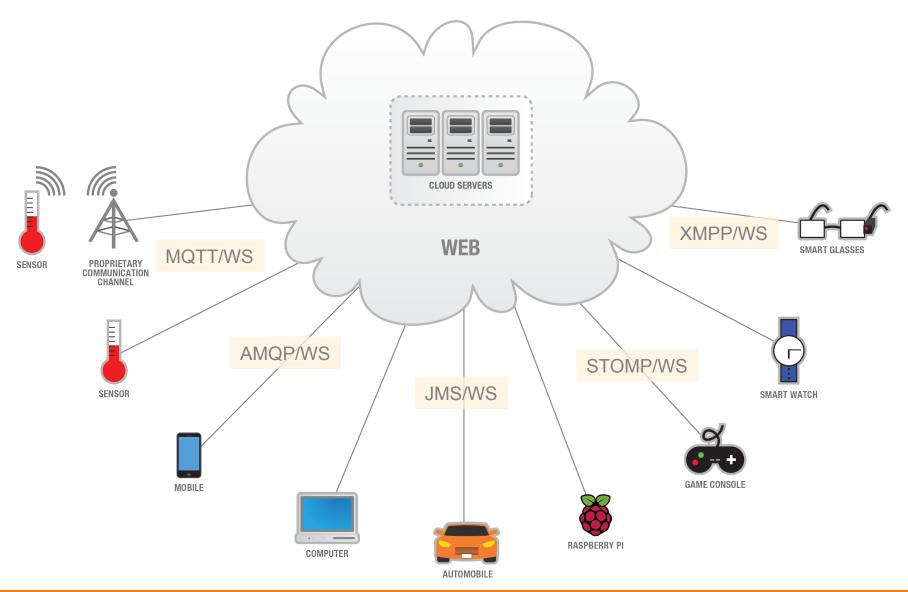
The Web of Things



WebSocket Powering the Web of Things



Extending Protocols to the Web of Things



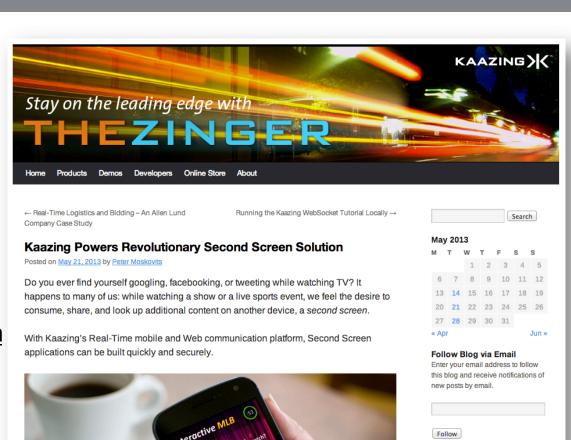
Web Communication Is Challenging





Find Out More

- The Zinger Blog:
 - http://blog.kaazing.com
- JMS WebSocket Tutorial
 - http://tutorial.kaazing.com
- More developer content
 - http://developer.kaazing.com
- Free product download





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Real Time Data Panel Discussion at Edge Conference 2013
Kaazing Presentation at JavaZone

Kaazing CEO on Bloomberg TV

Kaazing at QCon

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- Live Demos: http://gootechnologies.com/showcase



- http://kaazing.com
- http://tutorial.kaazing.com
- Kaazing Blog: Extreme HTML5 Video Interactivity: Sending WebSocket Messages with Popcorn.js
- The Definitive Guide to HTML5 WebSocket





How to Get a Hold of Us?





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