



Computer Science E-75

Building Dynamic Websites

Harvard Extension School

<http://www.cs75.net/>

Lecture 8: JavaScript, Continued

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Libraries

- Dojo
<http://dojotoolkit.org/>
- Ext JS
<http://extjs.com/>
- jQuery
<http://jquery.com/>
- MooTools
<http://mootools.net/>
- Prototype
<http://www.prototypejs.org/>
- script.aculo.us
<http://script.aculo.us/>
- YUI
<http://developer.yahoo.com/yui/>
- ...



Quirks

<http://www.quirksmode.org/js/contents.html>



Static Code Analysis

<http://www.jshint.com/>

Debuggers

- FireBug

<https://addons.mozilla.org/en-US/firefox/addon/1843>

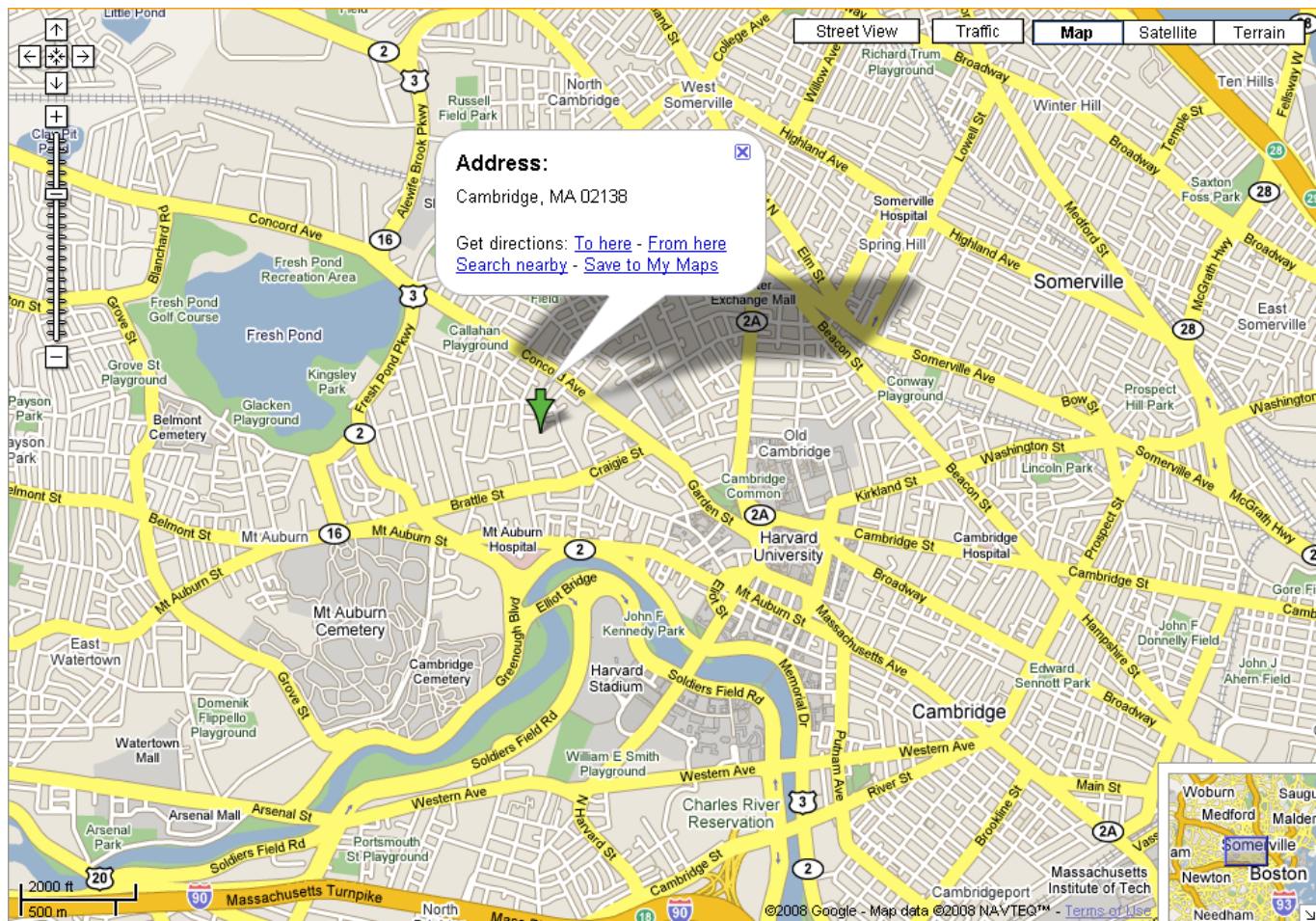
- JavaScript Debugger

<https://addons.mozilla.org/en-US/firefox/addon/216>

Compressors

- JSMin
<http://javascript.crockford.com/jsmin.html>
- packer
<http://dean.edwards.name/packer/>
- ShrinkSafe
<http://dojotoolkit.org/docs/shrinksafe>
- YUI Compressor
<http://developer.yahoo.com/yui/compressor/>

Google Maps



Google Maps API

- Basics
- Events
- Controls
- Overlays
- Services

<http://code.google.com/apis/maps/documentation/>

<http://code.google.com/apis/maps/documentation/reference.html>



Find results	with all of the words	<input type="text"/>	Sort by relevance	<input type="text" value="relevance"/>	
	with the exact phrase	<input type="text"/>	<input type="button" value="Google Search"/>		
	with at least one of the words	<input type="text"/>			
	without the words	<input type="text"/>			
Date	<input checked="" type="radio"/> Return articles published	<input type="text" value="anytime"/>			
	<input type="radio"/> Return articles published between	<input type="text" value="29"/>	<input type="text" value="Feb"/>	and <input type="text" value="30"/>	<input type="text" value="Mar"/>
	<i>New!</i> Try archive search for articles published more than 30 days ago				
News source	Return only articles from the news source named	<input type="text"/>	<i>e.g. CNN, New York Times</i>		
News Source Location	or only articles from news sources located in	<input type="text"/>	<i>A country or a U.S. state</i>		
Location	Return only articles about a local area	<input type="text"/>	<i>City, State or Zip code</i>		
Occurrences	Return results where my terms occur	<input type="text" value="anywhere in the article"/>			

RSS

<http://cyber.law.harvard.edu/rss/rss.html>



RSS

```
<?xml version="1.0" encoding="UTF-8"?>
<rss version="2.0">
  <channel>
    <title></title>
    <description></description>
    <link></link>
    <item>
      <guid></guid>
      <title></title>
      <link></link>
      <description></description>
      <category></category>
      <pubDate></pubDate>
    </item>
    [...]
  </channel>
</rss>
```



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