

# Performance Testing of JQuery and YUI

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# Different JavaScript Frameworks

- JQuery
- YUI
- Dojo
- GWT(Google web toolkit)
- Echo3
- MooTools
- Prototype

# Performance test using SlickSpeed

selectors	MooTools 1.2	JQuery 1.2.6	Prototype 1.6.0.2	YUI 2.5.2 Selector <i>beta</i>	Dojo 1.1.1
body	1 ms   1 found	1 ms   1 found	11 ms   1 found	1 ms   1 found	1 ms   1 found
div	1 ms   51 found	1 ms   51 found	8 ms   51 found	2 ms   51 found	1 ms   51 found
body div	2 ms   51 found	2 ms   51 found	17 ms   51 found	3 ms   51 found	1 ms   51 found
div p	5 ms   140 found	5 ms   140 found	12 ms   140 found	28 ms   140 found	5 ms   140 found
div > p	5 ms   134 found	10 ms   134 found	10 ms   134 found	16 ms   134 found	7 ms   134 found
div + p	3 ms   22 found	3 ms   22 found	11 ms   22 found	21 ms   22 found	7 ms   22 found
div ~ p	22 ms   183 found	12 ms   183 found	24 ms   183 found	45 ms   183 found	4 ms   183 found
div[class^=exa][class\$mple]	2 ms   43 found	2 ms   43 found	9 ms   43 found	3 ms   43 found	3 ms   43 found
div p a	7 ms   12 found	7 ms   12 found	12 ms   12 found	44 ms   12 found	2 ms   12 found
div, p, a	6 ms   671 found	10 ms   671 found	31 ms   671 found	33 ms   671 found	4 ms   671 found
.note	21 ms   14 found	17 ms   14 found	4 ms   14 found	39 ms   14 found	4 ms   14 found
div.example	2 ms   43 found	1 ms   43 found	7 ms   43 found	3 ms   43 found	3 ms   43 found
ul .tocline2	7 ms   12 found	6 ms   12 found	10 ms   12 found	54 ms   12 found	5 ms   12 found
div.example, div.note	3 ms   44 found	2 ms   44 found	17 ms   44 found	6 ms   44 found	5 ms   44 found
#title	1 ms   1 found	0 ms   1 found	4 ms   1 found	1 ms   1 found	1 ms   1 found
h1#title	1 ms   1 found	1 ms   1 found	11 ms   1 found	1 ms   1 found	1 ms   1 found
div #title	2 ms   1 found	4 ms   1 found	8 ms   1 found	1 ms   1 found	3 ms   1 found
ul.toc li.tocline2	3 ms   12 found	3 ms   12 found	10 ms   12 found	3 ms   12 found	3 ms   12 found

# Jquery

- **JQuery**
- **Pros:**
  - JQuery is very easy to use and to understand.
  - The core library is only 15Kb in size.
  - Their statement is: 'The Write Less, Do More, JavaScript Library'.
- **Cons:**
  - JQuery supports plug-ins, but all these plug-ins are not verified.

# YUI

- **Pros:**
  - It is developed by Yahoo
  - Fully documented, with a great API browser
  - Very consistent and reliable and contains unit testing framework
- **Cons:**
  - Heavy page weight
  - Very few utility or helper functions/methods
  - Lacks the use of chaining methods together

# Jquery Vs YUI

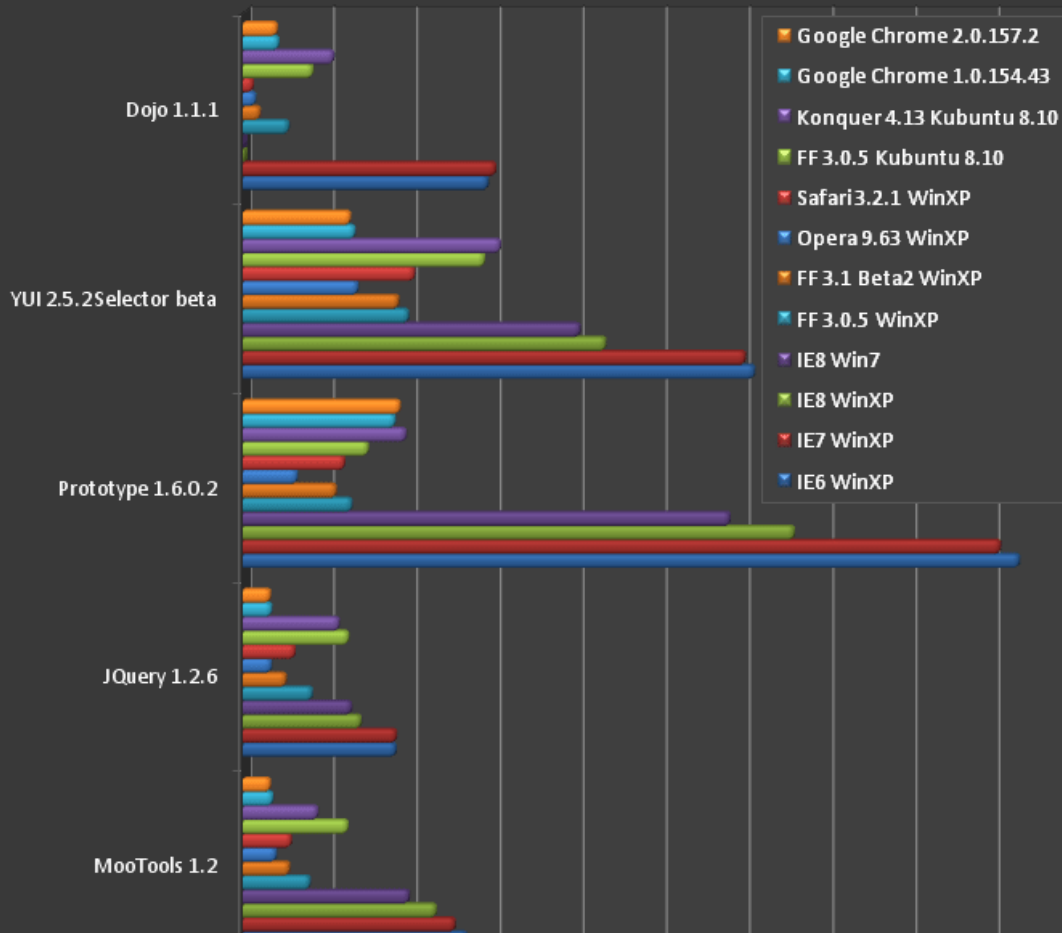
- Jquery is a Library where as YUI is a Framework.

- Memory Testing:

Jquery uses less memory when compared to YUI.(This test is performed by using Task manager).

# Results Per Framework.

Results per framework:



# References.

- [1]JavaScript Frameworks:<http://blog.creonfx.com/javascript/mootools-vs-jquery-vs-prototype-vs.-yui-vs-dojo-comparison-revised>
- [2] YUI drag and drop  
<http://developer.yahoo.com/yui/dragdrop/>.