

jquery

v. 1.3.2





Andrew Homeyer  
with Near Infinity since July '08

twitter: @andrewhomeyer









*script.aculo.us*  
*it's about the user interface, baby!*



JavaScript framework

mootools

dōjō

*scripty2*





game(5) gauge(1) gmail(1) google(9) gradient(4) graph(12) graphics(2)  
graphs(20) **grid(62)** growl(1) grpahs(1) guestbook(2) gui(2) gwt(5)  
heatmap(1) help(1) highlight(6) hints(1) history(4) hover(3) html(1) icon(1) ide(2) ie(1)  
iframe(7) **image(104)** images(10) include(6) indicator(8)  
inline(7) inplace(18) inplace(18) input(2) interaction(1) interface(5) ip(1)  
iphone(6) java(2) javascript(3) **jquery(470)** jqurery(1) json(2)  
keyboard(1) label(2) layer(1) layout(5) **library(58)** lighbox(1)  
**lightbox(61)** link(6) linking(1) links(1) list(4) lists(1) live(5) load(7)  
loader(1) loading(1) log(2) login(5) lookup(1) mac(2) magnify(1) map(2) maps(8)  
mask(4) maths(1) maximize(2) media(4) **menu(63)** menus(2) message(4)  
messages(1) messenger(1) metadata(1) minimize(2) mobile(1) **modal(13)**  
**moo(173)** mouse(2) mouseover(1) msie(1) multimedia(2) multiselect(1)  
mysql(2) **navigation(45)** notes(4) notification(2) notify(1) opacity(3)  
opactity(1) **page(7)** pagination(3) paging(1) panel(2) panels(1) panes(1) **panorama(2)**  
parser(2) **password(7)** patterns(1) pdf(2) peel(1) **photo(2)** photoshop(1)  
**php(57)** picasa(1) **picker(14)** planner(1) plugin(2) plugins(1) png(2) polaroid(1)  
polls(3) **popup(46)** portal(5) portlets(1) preload(3) preview(3) print(1)  
**progress(6)** progressbar(1) **prototype(83)** protptype(1) push(1) queue(1)  
quicksilver(1) quotes(1) **radio(3)** rails(11) rank(1) **rating(11)** ratings(7) rdf(1)  
**reflection(4)** repeater(1) **resize(7)** retweet(1) **ria(11)** rollover(1) round(2) **rss(14)**  
rte(2) rule(1) scale(1) scheduling(1) **scriptaculous(45)** scroll(20)  
**scrollbar(2)** scrollbars(1) scroller(1) **search(19)** select(20) server(2) session(1)  
**shadow(3)** share(1) shortcuts(1) **shoutbox(2)** showhide(2) silverlight(3) sitemap(1) skype(1)  
**slide(16)** **slider(24)** **slideshow(9)** sliding(1) smart(1) smiles(1) snapshot(1)  
social(1) **sort(8)** **sound(2)** speech(1) speed(1) spell(1) spellchecker(1) **spinner(2)** splitter(1)  
**spry(8)** spy(1) stack(1) **star(6)** statistics(1) status(1) style(1) suggest(2) svg(4) Symphony(1)

Compare by	Search terms	Filter
<input checked="" type="radio"/> Search terms <input type="radio"/> Locations <input type="radio"/> Time Ranges	Tip: Use a comma as shorthand to add comparison items. (tennis, squash) <input type="text" value="jquery"/> <input checked="" type="radio"/> <input type="radio"/> <input type="text" value="prototype"/> <a href="#">+ Add search term</a>	<input type="text" value="Web Search"/> <input type="text" value="Worldwide"/> <input type="text" value="Jan"/> <input type="text" value="2006"/> - <input type="text" value="Sep"/> <input type="text" value="2009"/> <a href="#">Reset</a> <input type="text" value="Web Design &amp; Development"/> <input type="button" value="Search"/>

## Web Search Interest: jquery, prototype

Worldwide, Jan 2006 - Sep 2009

[All Categories](#) > [Internet](#) > Web Design & Development

**Totals** [?](#)

jquery  30

prototype  15

### Interest over time

☐ Forecast [?](#)

☐ News headlines [?](#)

Interest level

Growth relative to the Web Design & Development category

[Learn what these numbers mean](#)



Compare by	Search terms	Filter
<input checked="" type="radio"/> Search terms <input type="radio"/> Locations <input type="radio"/> Time Ranges	Tip: Use quotation marks to match an exact phrase. ("table tennis") <input type="text" value="jquery"/> <input type="text" value="prototype"/> <input type="text" value="mootools"/> <input type="text" value="dojo"/> <input type="text" value="YUI"/>	<input type="text" value="Web Search"/> <input type="text" value="Worldwide"/> <input type="text" value="Jan"/> <input type="text" value="2006"/> - <input type="text" value="Sep"/> <input type="text" value="2009"/> <a href="#">Reset</a> <input type="text" value="Web Design &amp; Development"/>
		<input type="button" value="Search"/>

## Web Search Interest: jquery, prototype, mootools, dojo, yui

Worldwide, Jan 2006 - Sep 2009

[All Categories](#) > [Internet](#) > Web Design & Development

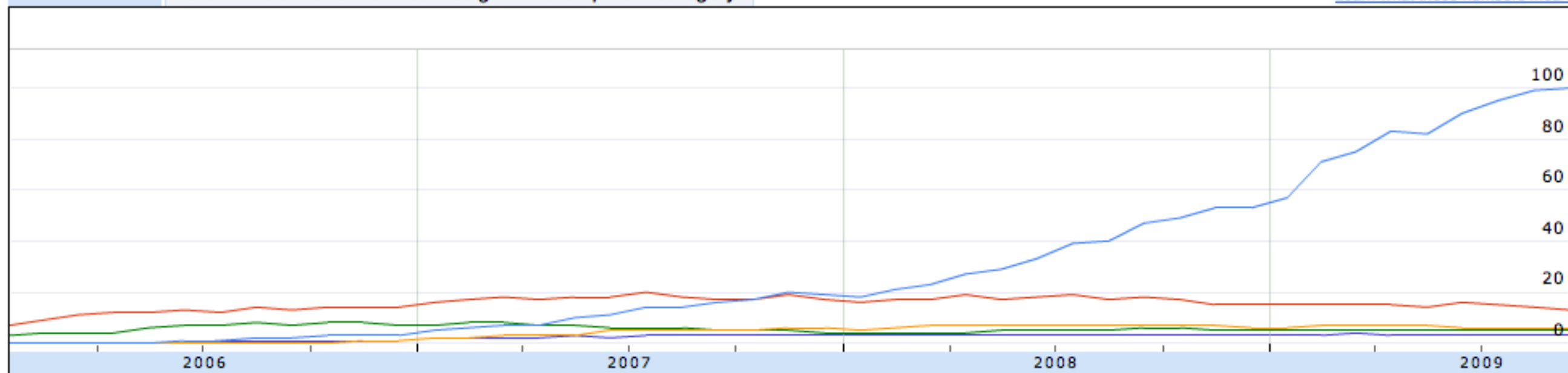
Totals <span>?</span>	
jquery	30
prototype	15
mootools	4
dojo	6
yui	2

### Interest over time

☐ Forecast ? ☐ News headlines ?

Interest level Growth relative to the Web Design & Development category

[Learn what these numbers mean](#)





How it's gonna go down:

jQuery:

```
$('#li:last').css('backgroundColor', 'red');
```

Prototype:

```
$$('li').last().setStyle({'backgroundColor': 'red'});
```



\$( )

jQuery( )



Play nice with others

```
jQuery.noConflict();
```

# selecting elements

`$('#mydiv')` //element with id mydiv

`$('#mydiv')`



`$('div')`

`//all div elements on page`

`$$('div')`

`$('div.warning')`

`//all div elements  
with class of warning`

`$$('div.warning')`



`$('*')`

`//everything`

`$$('*')`

# selecting with filters

`$('span:has(img)')` // all spans that contain an image

```
$$('span').findAll(function(v){  
    return v.select('img').length > 0;  
});
```



```
$('.mytable tr:even') //even rows
```

```
$$($('.mytable tr:nth-child(even)')
```

:first	:empty
:last	:has(selector)
:not(selector)	:parent
:even	:hidden
:odd	:visible
:eq(index)	:checked
:animated	:selected
:contains(text)	:input



:first	:empty
:last	:has(selector)
:not(selector)	:parent
:even	:hidden
:odd	:visible
:eq(index)	:checked
:animated	:selected
:contains(text)	:input

# creating elements

```
$( '<a></a>' ) //returns a new <a>
```

```
new Element('a')
```



```
$( '<a></a>' ).appendTo( document.body )
```

```
document.body.insert( new Element( 'a' ) )
```

```
$( 'body' ).append( ' <a></a>' )
```

```
document.body.insert( ' <a></a>' )
```



# chaining

```
$( 'li' )  
  .css( 'backgroundCoLor', 'red' )  
  .text( 'new content' )
```

```
$$('li').each(function(v){  
  v.setStyle({ 'backgroundColor': 'red' }).update('new content');  
})
```

`$('div')`



```
$('#div').filter(function(){  
    return $(this).css('color') == 'green'  
})
```

```
$('#div').filter(function(){  
    return $(this).css('color') == 'green'  
})  
    .remove()
```



```
$('#div').filter(function(){  
    return $(this).css('color') == 'green'  
})  
    .remove()  
    .end()
```

```
$('#div').filter(function(){  
    return $(this).css('color') == 'green'  
})  
    .remove()  
    .end()  
    .text("no green divs")
```



# events

```
$('#a').click(function(){  
    $(this).slideUp();  
})
```

```
$$('a').each(function(v){  
    v.observe('click', function(a){  
        Effect.SlideUp(a);  
    });  
});
```

# effects

```
$('#box').show('slow');
```

```
$('#box').appear();
```



show

hide

toggle

slideDown

slideUp

slideToggle

fadeIn

fadeOut

fadeTo

animate

short circuit effects

```
jQuery.fx.off = true;
```



ajax

```
$.ajax({  
  url: 'ajax.json',  
  dataType: 'json',  
  error: function(xhr, textStatus, errorThrown){  
    console.log(textStatus);  
  },  
  success: function(data, textStatus){  
    console.log(data);  
  }  
});
```

```
new Ajax.Request(url, {options})
```

ajax

```
$('#container').load('content.html')
```

```
new Ajax.Updater('container', 'content.html');
```



# ajax with JSONP

```
$.getJSON(url, function(data){  
    //process your data  
});
```

# Waiting for the DOM

```
<script type="text/javascript">
```

```
$(document).ready(function(){  
    //DOM's loaded, do your stuff  
});
```

```
</script>
```

```
document.observe('dom:loaded', function(){  
});
```



shortcut

```
<script type="text/javascript">
```

```
$(function(){  
    //DOM's loaded, do your stuff  
});
```

```
</script>
```



# plugins

<http://plugins.jquery.com/>

many great ones out there, and if it's not, write your own

```
jQuery.fn.pluck = function(attribute){  
    var plucked = [];  
    this.each(function(){  
        plucked.push($(this).attr(attribute));  
    });  
    return plucked;  
};
```



# references

jQuery Enlightenment (<http://jqueryenlightenment.com/>)

API: docs.jquery.com, visualjquery.com