

jquery
v. 1.3.2



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with Near Infinity since July '08

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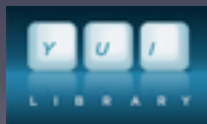


script.aculo.us
it's about the user interface, baby!



mootools

dōjō



scripty2

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Web Search Interest: jQuery, jQuery2

Worldwide, Jan 2006 - Sep 2009

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Totals	
jQuery	30
jQuery2	15

Interest over time

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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. ("exact phrase") <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="button" value="X"/> <input type="button" value="X"/> <input type="button" value="X"/> <input type="button" value="X"/> <input type="button" value="X"/> <input type="button" value="X"/>
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Web Search Interest: jquery, prototype, mootools, dojo, yui

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Totals

jquery	30
prototype	15
mootools	4
dojo	3
yui	2

Interest over time

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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

creating elements

```
$(<'<a></a>')</code>
```

//returns a new <a>

```
new Element('a')</code>
```

```
$( '<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