



Welcome to

jQuery for Designers

```
return -c * (Math.sqrt(1 - (t-=d)*t) - 1) + b,
},
easeOutCirc: function (x, t, b, c, d) {
    return c * Math.sqrt(1 - (t=t/d-1)*t) + b;
},
easeInOutCirc: function (x, t, b, c, d) {
    if ((t/=d/2) < 1) return -c/2 * (Math.sqrt(1 - t*t) -
    return c/2 * (Math.sqrt(1 - (t-=2)*t) + 1) + b;
},
easeInElastic: function (x, t, b, c, d) {
    var s=1.70158;var p=0;var a=c;
    if (t==0) return b; if ((t/d)==1) return b+c; if (!
    if (a < Math.abs(c)) { a=c; var s=p/4; }
    else var s = p/(2*Math.PI) * Math.asin (c/a);
    return -(a*Math.pow(2,10*(t-1)) * Math.sin( (t*d-s)*(2*
},
easeOutElastic: function (x, t, b, c, d) {
    var s=1.70158;var p=0;var a=c;
    if (t==0) return b; if ((t/d)==1) return b+c; if (!
    if (a < Math.abs(c)) { a=c; var s=p/4; }
    else var s = p/(2*Math.PI) * Math.asin (c/a);
    return a*Math.pow(2,-10*t) * Math.sin( (t*d-s)*(2*Math.PI)
},
easeInBack: function (x, t, b, c, d, s) {
    if (s == undefined) s = 1.70158;
    return c*(t/d)*t*((s+1)*t - s) + b;
},
easeOutBack: function (x, t, b, c, d, s) {
    if (s == undefined) s = 1.70158;
    return c*((t=t/d-1)*t*((s+1)*t + s) + 1) + b;
},
easeInOutBack: function (x, t, b, c, d, s) {
    if (s == undefined) s = 1.70158;
    if ((t/=d/2) < 1) return c/2*(t*t*(((s*(1.525))+1)*t
    return c/2*((t-=2)*t*(((s*(1.525))+1)*t + s) + 2) + b
},
easeInBounce: function (x, t, b, c, d) {
    return c - jQuery.easing.easeOutBounce (x, d-t, 0, c)
```

**LEARN
MAGIC
TRICKS
IN
2 MINITS**



**LEARN
MAGIC
TRICKS
IN
2 MINITS**



1. Build without jQuery.



1. Build without jQuery.
2. Design the start and end of your effects without jQuery.

- 
1. Build without jQuery.
 2. Design the start and end of your effects without jQuery.
 3. Add jQuery a little at a time.

Help!

APIs
docs.jquery.com
api.jquery.com
visualjquery.com

Blogs, tutorials, screencasts,
plugins, development sprints

Twitter
[@jquery](https://twitter.com/jquery)
[@jQuerysites](https://twitter.com/jQuerysites)
[@jqueryui](https://twitter.com/jqueryui)

forum.jquery.com

Help!

IRC channel

[irc.freenode.net/#jquery](irc://irc.freenode.net/#jquery)

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Bling Function

Name	Who?
SuperTed	A teddy brought to life by "cosmic dust", and given special powers by Mother Nature. The main hero of the series. He is voiced by David Walliams.
Spotty	SuperTed's bumbling companion and best friend, a yellow alien with green spots, from planet Spot. He is voiced by Jon Pertwee.
Blotch	Spotty's sister. She is voiced by Shelia Steafel.
Texas Pete	An evil cowboy. SuperTed's nemesis, the main villain of the series. He is voiced by Victor Spinetti.
Skeleton Hayes	A very cowardly, camp skeleton. Hence his name. He is voiced by Roy Hudd.
Bulk	An overweight fool with intense stupidity. He is voiced by Roy Hudd.
Mother Nature	Mother Nature, portrayed as a fairy that grants SuperTed magical powers.

It means no more of this

```
var tables = document.getElementsByTagName('table');
for (var t = 0; t < tables.length; t++) {
    var rows = tables[t].getElementsByTagName('tr');
    for (var i = 1; i < rows.length; i += 2) {
        if (!/(^|s)odd(s|$)/.test(rows[i].className)) {
            rows[i].className += ' odd';
        }
    }
}
```

jQuery simplifies

```
$('table tr:nth-child(odd)').addClass('odd');
```

jQuery simplifies

jQuery function

```
$('table tr:nth-child(odd)').addClass('odd');
```

jQuery simplifies

jQuery function

```
$('table tr:nth-child(odd)').addClass('odd');
```

CSS expression

jQuery simplifies

jQuery function

jQuery method

```
$('table tr:nth-child(odd)').addClass('odd');
```

CSS expression

jQuery simplifies

```
$('table tr:nth-child(odd)').addClass('odd');
```

The background of the slide features a low-resolution, black and white graphic of the Seal of the Commonwealth of Massachusetts. The seal consists of a shield depicting an Algonquian Native American holding a bow and an arrow pointing downwards. A five-pointed star is visible in the upper left corner of the shield. Above the shield is a crest showing a bent arm holding a broadsword. A scroll or ribbon surrounds the bottom and sides of the shield, which typically contains the state motto 'Ense petit placidam sub libertate quietem', though the text is illegible here due to pixelation.

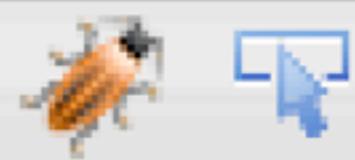
Tools of the Trade

- **Firefox: Firebug**
- **Safari & Chrome: Web Inspector**
- **Opera: DragonFly**
- **IE: Web Developer Toolbar**

<http://getfirebug.com>

<http://firequery.binaryage.com>

Interactive canvas gradients



Console ▾

HTML

CSS

Script

DOM

Net



Clear

Persist

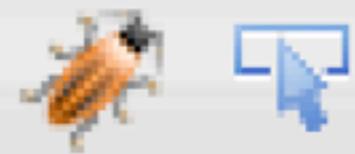
Profile

jQueryify

>>> \$('a')

jQuery(a two-videos, a canvas-grad, a video-canvas, a video,
postmessage, a postmessage2, a drag, a drag-anything, a off
offlineapp, a storage, a database, a database-rollback, a work
html5demos)

Interactive canvas gradients



Console ▾

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DOM

Net



: Clear

Persist

Profile

: jQuerify

>>> \$('a')

jQuery(a two-videos, a canvas-grad, a video-canvas, a video,
postmessage, a postmessage2, a drag, a drag-anything, a off
offlineapp, a storage, a database, a database-rollback, a work
html5demos)

**Roll over & click links
for more information**

Interactive canvas gradients



The screenshot shows a browser's developer tools console. At the top, there are icons for a bug, a cursor, and a refresh. The tabs are Console (selected), HTML, CSS, Script, DOM, and Network. Below the tabs, there are buttons for Clear, Persist, and Profile, followed by the word 'jqverify'. The console output starts with '>>> \$(\'a\')' and then continues with a large amount of code. A red callout box highlights the text 'jQuery love for any page'.

```
>>> $(\'a\')
jQuery(function($){ // This is the same as $(document).ready(function($){ ... })
  // postmessage support
  // offlineapp support
  // html5demos
})
```

jQuery love for any page

Tip

\$fn.jquery

(little 'q')

No fireQuery?

jQuery on every site?

No fireQuery?

jQuery on every site?

No Problem.

A long time ago I built myself a little bookmarklet to load jQuery on pages that don't have it. The idea was to allow me to play around with any page on the web, using jQuery or Firebug (and now Safari or IE8) console. I [blogged about it](#), got lots of great feedback, and [blogged about an improved version](#). Now that a lot more great feedback has come in since the original post and the comments of the updated bookmarklet post, I've decided to update it one more time.

The Bookmarklet

To use the bookmarklet, drag the following link to your bookmark/favorites list:

» [jQuerify](#) «

Then, when you're on a page in which you want to play around with jQuery in the browser's developer tools, just click the bookmarklet.

Problems with the Other One

The biggest problem with the former version was that it didn't work when other libraries, such as Prototype and Mootools, were already loaded on the page. This is because the bookmarklet would try to overwrite the \$ function.

<http://bit.ly/9JAcCj>

Where does it all go?

- **jQuery first**
- **Then jQuery plugins**
- **Then your code**

```
<html>  
  <head>  
    <styles>  
      <!-- make me beautiful -->  
    </styles>  
  </head>  
  <body>  
    <content>  
      <!-- make me learned -->  
    </content>  
    <behaviour>  
      <!-- ooo, matron -->  
    </behaviour>  
  </body>  
</html>
```

**Styles first
let's the page
render
without
scripts
blocking**

```
<html>
  <head>
    <styles>
      <!-- make me beautiful -->
    </styles>
  </head>
  <body>
    <content>
      <!-- make me learned -->
    </content>
    <behaviour>
      <!-- ooo, matron -->
    </behaviour>
  </body>
</html>
```

**Then your
content,
again so that
it's delivered
to your
visitor as
early as
possible**

```
<html>  
<head>  
    <styles>  
        <!-- make me beautiful -->  
    </styles>  
</head>  
<body>  
    <content>  
        <!-- make me learned -->  
    </content>  
    <behaviour>  
        <!-- ooo, matron -->  
    </behaviour>  
</body>  
</html>
```

**Finally, add
your
behaviour,
the jQuery
and sexy
magic jazz.**

```
<html>
  <head>
    <styles>
      <!-- make me beautiful -->
    </styles>
  </head>
  <body>
    <content>
      <!-- make me learned -->
    </content>
    <behaviour>
      <!-- ooo, matron -->
    </behaviour>
  </body>
</html>
```

```
$ (document) . ready (function () {  
    // < YOU >  
});
```

```
$ (document) . ready( function () {  
    // < YOU >  
});
```

```
$ (function () {
```

```
    // < YOU >
```

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset=utf-8 />
<title>My first jquery page</title>
</head>
<body>
<h1>Remy woz 'ere</h1>
<p>Lorem ipsum dolor sit amet.</p>
<script src="jquery.min.js"></script>
<script>
$(function () {
    // < YOU >
});
</script>
</body>
</html>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset=utf-8 />
<title>My first jquery page</title>
</head>
<body>
<h1>Remy woz 'ere</h1>
<p>Lorem ipsum dolor sit amet.</p>
<script src="jquery.min.js"></script>
<script>
$(function () {
    $('p').doStuff();
});
</script>
</body>
</html>
```

Sample Selectors

Selectors silently fail

```
$('remy')
```

Selectors silently fail

```
$('remy').length
```

```
$('nav li.contact')
```

```
$('nav li.contact')
```

```
$(':visible')
```

```
$(' #nav li.contact')
```

```
$(' :visible')
```

```
$(' :radio:enabled:checked')
```

```
$('nav li.contact')
```

```
$(':visible')
```

```
$(':radio:enabled:checked')
```

```
$('a[title]')
```

```
$(' #nav li.contact')
```

```
$(' :visible')
```

```
$(' :radio:enabled:checked')
```

```
$('a[title]')
```

```
$('a[title][hash*="bio"]')
```

jQuery lets me
query based on
DOM attributes

Firebug - DOM navigation

Console HTML CSS Script DOM Net Firefinder Page Speed Page Speed Activity

Edit a.reveal < p < div < div#container < body < html

<p>
Most of my jQuery stuff can be see on
<a title="jQuery for Designers - Tutorials and
screencasts" href="http://jqueryfordesigners.com
/"> jQuery for Designers
</p>
<p>
Some extra stuff:
Remy's bio
</p>
</div>
<div>
<h2>JavaScript</h2>
<p>JavaScript doesn't required a compiler or anything
special to write the code, back when you had a browser to
run your code or you could download PSION or Palm's SDK
over a 9k modem, you'll understand why I lost patience! </p>
<p>This is definitely my passion and has been since the mid
90s, and certainly explains how I got in to jQuery. </p>
<p>
I do lots of things with JavaScript, along with
workshops, I do
talks
, run
<a href="http://full-frontal.org" title="A front end
developer conference in Brighton">a conference
and
<a href="http://remysharp.com/twitter" title="A
collection of my hacks">
amongst other things.
</p>
</div>
<div>
<h2>Remy</h2>

	Style	Computed	Layout	DOM ▾
▶ baseURI		"file:///Users/remy/Drop...J4D-2/examples		/dom.html"
charset		""		
▶ childNodes		[<TextNode textContent="Remy's bio">]		
className		"reveal"		
clientHeight		0		
clientWidth		0		
coords		""		
dir		""		
▶ firstChild		<TextNode textContent="Remy's bio">		
hash		"#bio"		
host		""		
hostname		""		
▶ href		"file:///Users/remy/Drop...2/examples		/dom.html#bio"
hreflang		""		
id		""		
innerHTML		"Remy's bio"		
lang		""		
▶ lastChild		<TextNode textContent="Remy's bio">		
localName		"a"		
name		""		
namespaceURI		"http://www.w3.org/1999/xhtml"		
nextSibling		null		
nodeName		"A"		
nodeType		1		
nodeValue		null		
offsetHeight		20		
offsetLeft		199		
▶ offsetParent		body		
offsetTop		246		

Firebug - DOM navigation

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```
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  screencasts" href="http://jqueryfordesigners.com
  /">jQuery for Designers</a>
</p>
<div>
  Some extra stuff:
  <a class="reveal" href="#bio">Remy's bio</a>
</p>
</div>
<div>
  <h2>JavaScript</h2>
  <p>JavaScript doesn't required a compiler or anything
  special to write the code, back when you had a browser to
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  90s, and certainly explains how I got in to jQuery.</p>
<p>
  I do lots of things with JavaScript, along with
  workshops, I do
  <a href="http://remysharp.com/talks#dev">talks</a>
  , run
  <a href="http://full-frontal.org" title="A front end
  developer conference in Brighton">a conference</a>
  and
  <a href="http://remysharp.com/twitter" title="A
  collection of my hacks">
  amongst other things.
</p>
</div>
<div>
  <h2>Remy</h2>
```

DOM	baseURI	"file:///Users/remy/Drop...J4D-2/examples /dom.html"
	charset	""
	childNodes	[<TextNode textContent="Remy's bio">]
	className	"reveal"
	clientHeight	0
	clientWidth	0
	coords	""
	dir	""
	firstChild	<TextNode textContent="Remy's bio">
	hash	"#bio"
	host	""
	hostname	""
	href	"file:///Users/remy/Drop...2/examples /dom.html#bio"
	hreflang	""
	id	""
	innerHTML	"Remy's bio"
	lang	""
	lastChild	<TextNode textContent="Remy's bio">
	localName	"a"
	name	""
	namespaceURI	"http://www.w3.org/1999/xhtml"
	nextSibling	null
	nodeName	"A"
	nodeType	1
	nodeValue	null
	offsetHeight	20
	offsetLeft	199
	offsetParent	body
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Firebug – DOM navigation

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</p>

<p>
Some extra stuff:
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</p>

</div>

<div>

JavaScript

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I do lots of things with JavaScript, along with workshops, I do
talks
, run
a conference
and

amongst other things.
</p>

</div>

<div>

Remy

DOM ▾

baseURI	"file:///Users/remy/Drop...J4D-2/examples/dom.html"
charset	" "
childNodes	[<TextNode textContent="Remy's bio">]
className	"reveal"
clientHeight	0
clientWidth	0
coords	" "
dir	" "
firstChild	<TextNode textContent="Remy's bio">
hash	"#bio"
host	" "
hostname	" "
href	"file:///Users/remy/Drop...2/examples/dom.html#bio"
hreflang	" "
id	" "
innerHTML	"Remy's bio"
lang	" "
lastChild	<TextNode textContent="Remy's bio">
localName	"a"
name	" "
namespaceURI	"http://www.w3.org/1999/xhtml"
nextSibling	null
nodeName	"A"
nodeType	1
nodeValue	null
offsetHeight	20
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offsetParent	body
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Firebug – DOM navigation

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 screencasts" href="http://jqueryfordesigners.com"

 >

 >

dir

firstChild

hash

host

hostname

href

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 developer conference in Brighton">a conference
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 > <a href="http://remysharp.com/twitter" title="A
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 amongst other things.
 </p>
</div>
<div>
 <h2>Remy </h2>

> baseURI "file:///Users/remy/Drop...J4D-2/examples /dom.html"
 > charset ""
 > childNodes [<TextNode textContent="Remy's bio">]
 > className "reveal"
 > clientHeight 0
 > clientWidth 0
 > coords ""
 > dir ""
 > firstChild <TextNode textContent="Remy's bio">
 > hash "#bio"
 > host ""
 > hostname ""
 > href "file:///Users/remy/Drop...2/examples /dom.html#bio"
 > hreflang ""
 > id ""
 > innerHTML "Remy's bio"
 > lang ""
 > lastChild <TextNode textContent="Remy's bio">
 > localName "a"
 > name ""
 > namespaceURI "http://www.w3.org/1999/xhtml"
 > nextSibling null
 > nodeName "A"
 > nodeType 1
 > nodeValue null
 > offsetHeight 20
 > offsetLeft 199
 > offsetParent body
 > offsetTop 246

```
$(' #nav li.contact')
```

```
$(' :visible')
```

```
$(' :radio:enabled:checked')
```

```
$('a[title]')
```

```
$('a[title][hash*="bio"]')
```

jQuery lets me
query based on
DOM attributes

```
$('nav li.contact')  
$(':visible')  
$('radio:enabled:checked')  
$('a[title]')  
$('a[title][hash*="bio"]')
```

"contains", also
have ^= and \$=

```
$('a[href$="pdf"]').addClass('pdf');
```

```
$(' #nav li.contact')
```

```
$(' :visible')
```

```
$(' :radio:enabled:checked')
```

```
$('a[title]')
```

```
$('a[title][hash*="bio"]')
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"contains", also
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```
$('nav li.contact')
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```
$(':visible')
```

```
$(':radio:enabled:checked')
```

```
$('a[title]')
```

```
$('a[title][hash*="bio"]')
```

```
$('a:first[hash*="bio"]')
```

```
$(' #nav li.contact')
```

```
$(' :visible')
```

```
$(' :radio:enabled:checked')
```

```
$(' a[title]')
```

```
$(' a[title][hash*="bio"]')
```

```
$(' a:first[hash*="bio"]')
```

```
$(' .header, .footer')
```

```
$('nav li.contact')  
  $(':visible')  
  $('#main')  
  $(':radio:enabled:checked')  
  $('a[title]')  
  $('a[title][hash*="bio"]')  
  $('a:first[hash*="bio"]')  
  $('.header, .footer')  
  $('.header, .footer', '#main')
```

Tip

```
$('nav li.contact')  
  $(':visible')  
  $('#radio:enabled:checked')  
  $('a[title]')  
  $('a[title][hash*="foo"]')
```

Better written as

```
$('#main').find('.header, .footer');
```

```
$('.header, .footer', '#main')
```

Filter & Find



Filtering narrows

Firebug - DOM navigation

Console HTML CSS Script DOM Net Firefinder Page Speed Page Speed Activity

Edit head < html

```
<html lang="en">
  <head>
    <body>
      <h1>What Remy does</h1>
      <div id="container">
        <div>
          <h2>jQuery</h2>
          <p>It loves the lazy developer - lazy in the good way, I'd rather spend time on the interesting stuff rather than donkey DOM scripting.</p>
          <p>Most of my jQuery stuff can be see on
            <a title="jQuery for Designers - Tutorials and screencasts" href="http://jqueryfordesigners.com/">jQuery for Designers</a>
          </p>
          <p>Some extra stuff:
            <a class="reveal" href="#bio">Remy's bio</a>
          </p>
        </div>
        <div>
          <h2>JavaScript</h2>
          <p>JavaScript doesn't required a compiler or anything special to write the code, back when you had a browser to run your code or you could download PSION or Palm's SDK over a 9k modem, you'll understand why I lost patience!</p>
          <p>This is definitely my passion and has been since the mid 90s, and certainly explains how I got in to jQuery.</p>
          <p>I do lots of things with JavaScript, along with workshops, I do
            <a href="http://remysharp.com/talks#dev">talks</a>
            , run
            <a href="http://full-frontal.org" title="A front end developer conference in Brighton">a conference</a>
            and
            <a href="http://remysharp.com/twitter" title="A collection of my hacks">
              amongst other things.
            </a>
          </p>
        </div>
        <div>
          <h2>Remy</h2>
          <ul>
            <li>Was born once</li>
            <li>...or twice?</li>
          </ul>
        </div>
        <div>
          <h2>HTML5</h2>
          <p>It's new and shiny and it's so damn packed with
            <a href="http://dev.w3.org/html5/spec/Overview.html">JavaScript API</a>
          </p>
        </div>
      </div>
    </body>
  </html>
```

DOM navigation

file:///Users/remy/Dropbox/Talks/jQuery/

What Remy does

jQuery

It loves the lazy developer - lazy in the good way, I'd rather spend time on the interesting stuff rather than donkey DOM scripting

Most of my jQuery stuff can be see on [jQuery for Designers](http://jqueryfordesigners.com/)

Some extra stuff: [Remy's bio](#)

JavaScript

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This is definitely my passion and has been since the mid 90s, certainly explains how I got in to jQuery.

I do lots of things with JavaScript, along with workshops, I do run [a conference](#) and [hacking twitter apps](#) amongst other things.

Remy

- Was born once
- ...or twice?

HTML5

It's new and shiny and it's so damn packed with [JavaScript API](#) I couldn't help myself.

I've also written a book called [Introducing HTML5](#) with [Bruce Lawson](#) available in late July.

Console HTML CSS Script DOM Net Firefinder Page Speed Page Speed Activity

Edit head < html

```
<html lang="en">
  <head>
    <body>
      <h1>What Remy does</h1>
      <div id="container">
        <div>
          <h2>jQuery</h2>
          <p>It loves the lazy developer - lazy in the good way, I'd rather spend time on the interesting stuff rather than donkey DOM scripting.</p>
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          <p>Some extra stuff: <a class="reveal" href="#bio">Remy's bio</a></p>
        </div>
        <div>
          <h2>JavaScript</h2>
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        </div>
        <div>
          <h2>Remy</h2>
          <ul>
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          <p>It's new and shiny and it's so damn packed with <a href="https://diveintohtml5.epicodus.html">JavaScript ADTs</a></p>
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\$ (!) a

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DOM navigation

file:///Users/remy/Dropbox/Talks/jQuery/

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```

\$('a').filter('[title]')

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Done

```
$('a')  
// 5 anchors
```

```
$('a').filter('[title]')  
// 5, then down to 3
```

Finding changes

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Remy

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- ...or twice?

HTML5

It's new and shiny and it's so damn packed with [JavaScript API](#) I couldn't help myself.

I've also written a book called [Introducing HTML5](#) with [Bruce](#) available in late July.

DOM navigation

file:///Users/remy/Dropbox/Talks/jQuery/

Done

Firebug - DOM navigation

Console HTML CSS Script DOM Net Firefinder Page Speed Page Speed Activity

Edit head < html

```
<html lang="en">
  <head>
    <body>
      <h1>What Remy does</h1>
      <div id="container">
        <h2>jQuery</h2>
        <p>It loves the lazy developer - lazy in the good way, I'd rather spend time on the interesting stuff rather than donkey DOM scripting.</p>
        <p>Most of my jQuery stuff can be see on <a title="jQuery for Designers - Tutorials and screencasts" href="http://jqueryfordesigners.com/">jQuery for Designers</a></p>
        <p>Some extra stuff:<br/><a class="reveal" href="#bio">Remy's bio</a></p>
      </div>
      <h2>JavaScript</h2>
      <p>I do lots of things with JavaScript, along with workshops, I do<br/>run<br/><a href="http://full-frontal.org" title="A front end developer conference in Brighton">a conference</a><br/>and<br/><a href="http://remysharp.com/twitter" title="A collection of my hacks">amongst other things.</a></p>
      <h2>Remy</h2>
      <ul>
        <li>Was born once</li>
        <li>...or twice?</li>
      </ul>
    </div>
    <h2>HTML5</h2>
  </body>
</html>
```

file:///Users/remy/Dropbox/Talks/jQuery/

What Remy does

jQuery

It loves the lazy developer - lazy in the good way, I'd rather spend time on the interesting stuff rather than donkey DOM scripting

Most of my jQuery stuff can be see on [jQuery for Designers](http://jqueryfordesigners.com/)

Some extra stuff: [Remy's bio](#)

JavaScript

JavaScript doesn't required a compiler or anything special to write the code, back when you had a browser to run your code or you could download PSION or Palm's SDK over a 9k modem, you'll understand why I lost patience!

This is definitely my passion and has been since the mid 90s, and certainly explains how I got in to jQuery.

I do lots of things with JavaScript, along with workshops, I do run [a conference](#) and [hacking twitter apps](#) amongst other things.

Remy

- Was born once
- ...or twice?

HTML5

It's new and shiny and it's so damn packed with [JavaScript APIs](#) I couldn't help myself.

I've also written a book called [Introducing HTML5](#) with [Bruce](#) available in late July.

```
$('div')  
// 5 divs
```

```
$('div').find('h2')  
// 4 headings
```

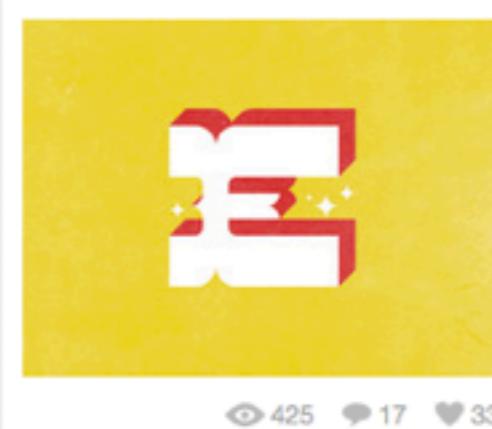
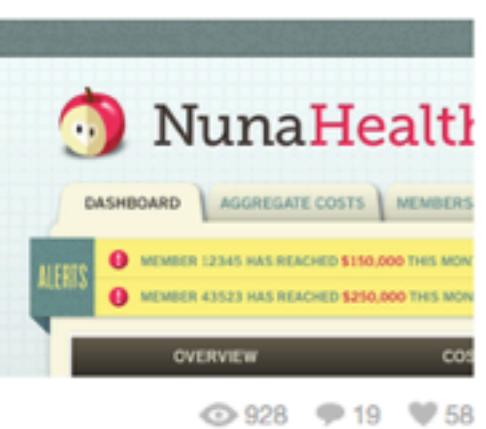
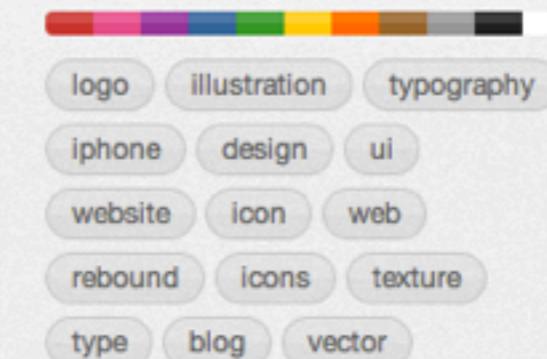
Effects



fadeIn/out/to

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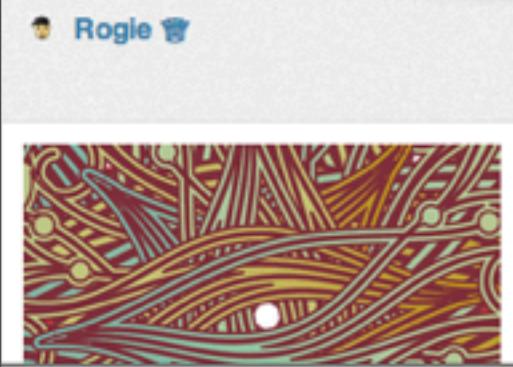
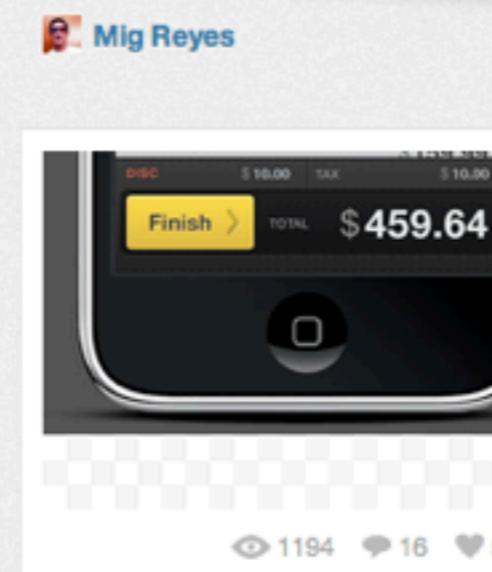
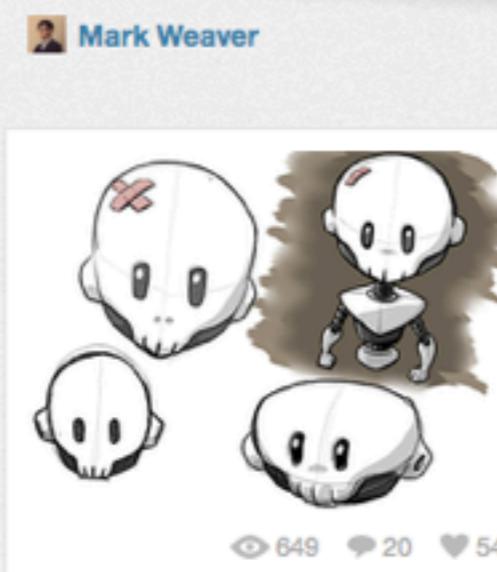
[ALL-STARS →](#)

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1220 followers | 136 shots

Shaun Inman
986 followers | 176 shots

Tim Van Damme
926 followers | 39 shots

Cameron Moll
878 followers | 50 shots



king on?

rs in 120,000 pixels or less.

[Learn more →](#)

BUTS

The
Official un

POPULAR T



logo

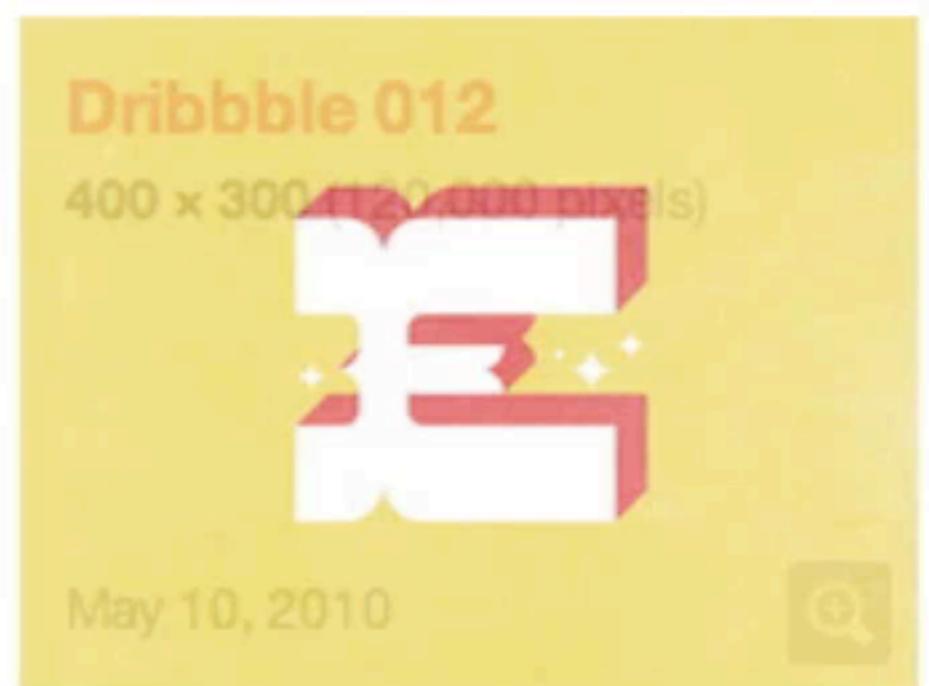
iphone

website

rebound

type

b



Dribbble 012

400 × 300 (120,000 pixels)



May 10, 2010



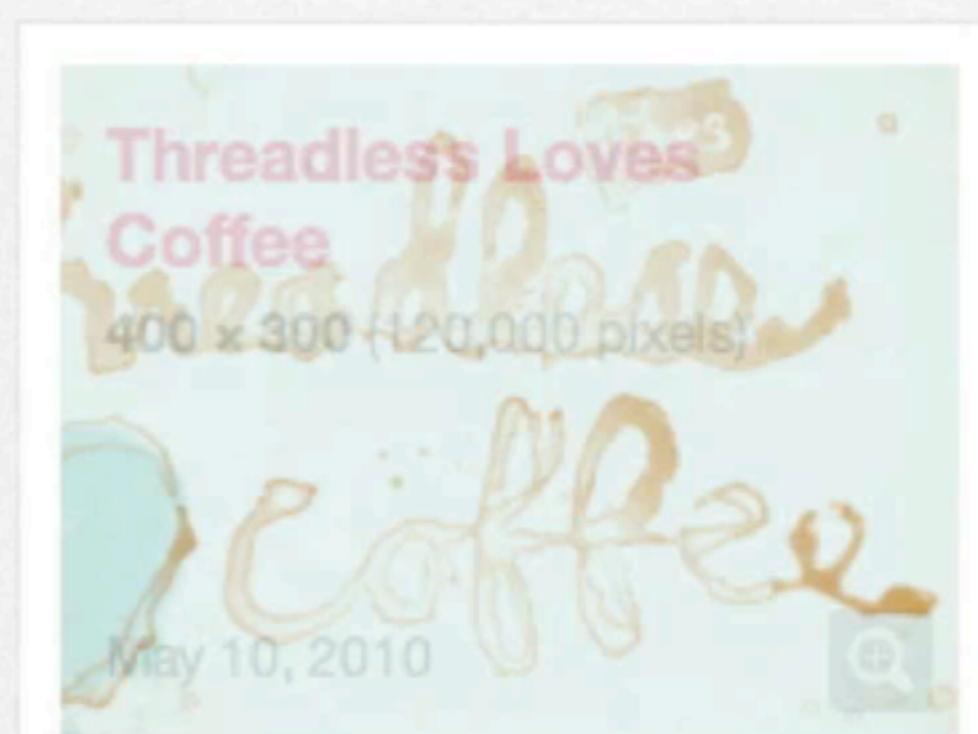
422

17

33



Mark Weaver



Threadless Loves

Coffee

400 × 300 (120,000 pixels)

May 10, 2010



1079

12

38



Mig Reyes

FX todo

1

opacity: 1

2

opacity: 0

3

opacity: 1

4

opacity: 0

5

opacity: 1

opacity: 1.0
fx todo: 0



```
$('div.picture a').hover(function () {  
    $(this).find('strong').fadeIn(1000);  
, function () {  
    $(this).find('strong').fadeOut(1000);  
});
```

```
$('div.picture a').hover(function () {
    $(this).find('strong').stop().fadeTo(1000, 1);
}, function () {
    $(this).find('strong').stop().fadeTo(1000, 0);
});
```

opacity: 0.0 ↗
fx todo: 0



"slow" = 600ms

"normal" = 400ms

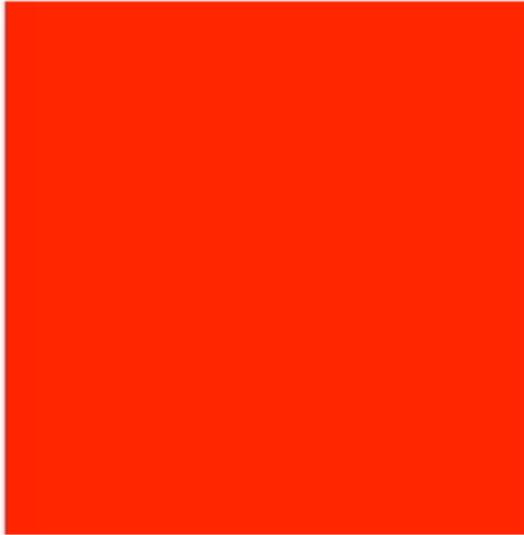
"fast" = 200ms

```
$('a').stop().fadeTo(1000, 1);
```

one second

animate

```
$(' #ball' ).animate({  
    top: 500,  
    left: '200px',  
    height: '10em',  
    width: '10em',  
    opacity: 0.5  
}, 2000);
```



Animate any numeric value

Tip

Relative

```
$('#ball').animate({  
    top: '+=500',  
    left: '+=200px',  
    height: '-=20'  
}, 500);
```



<http://ajax.googleapis.com/ajax/libs/jqueryui/1.8.1/jquery-ui.min.js>

```
$('>#ball').animate({  
    top: 500,  
    left: '200px',  
    height: '10em',  
    width: '10em',  
    opacity: 0.5,  
    color: '#ff0'  
}, 2000);
```

For colours, add jQuery UI

```
$(' #ball').addClass('big');
```

```
$(' #ball ').addClass( 'big' , 500 );
```

<http://jsbin.com/ijidi>

```
$(' #ball' ).addClass( 'big' , 500 );
```



<http://jsbin.com/ijidi>

chained

```
$(' #ball')  
  .animate({  
    top: 250,  
    left: '200px'  
  }, 2000)  
  .animate({  
    height: '20em',  
    width: '20em'  
  }, 2000)  
  .animate({  
    opacity: 0.5  
  }, 2000);
```

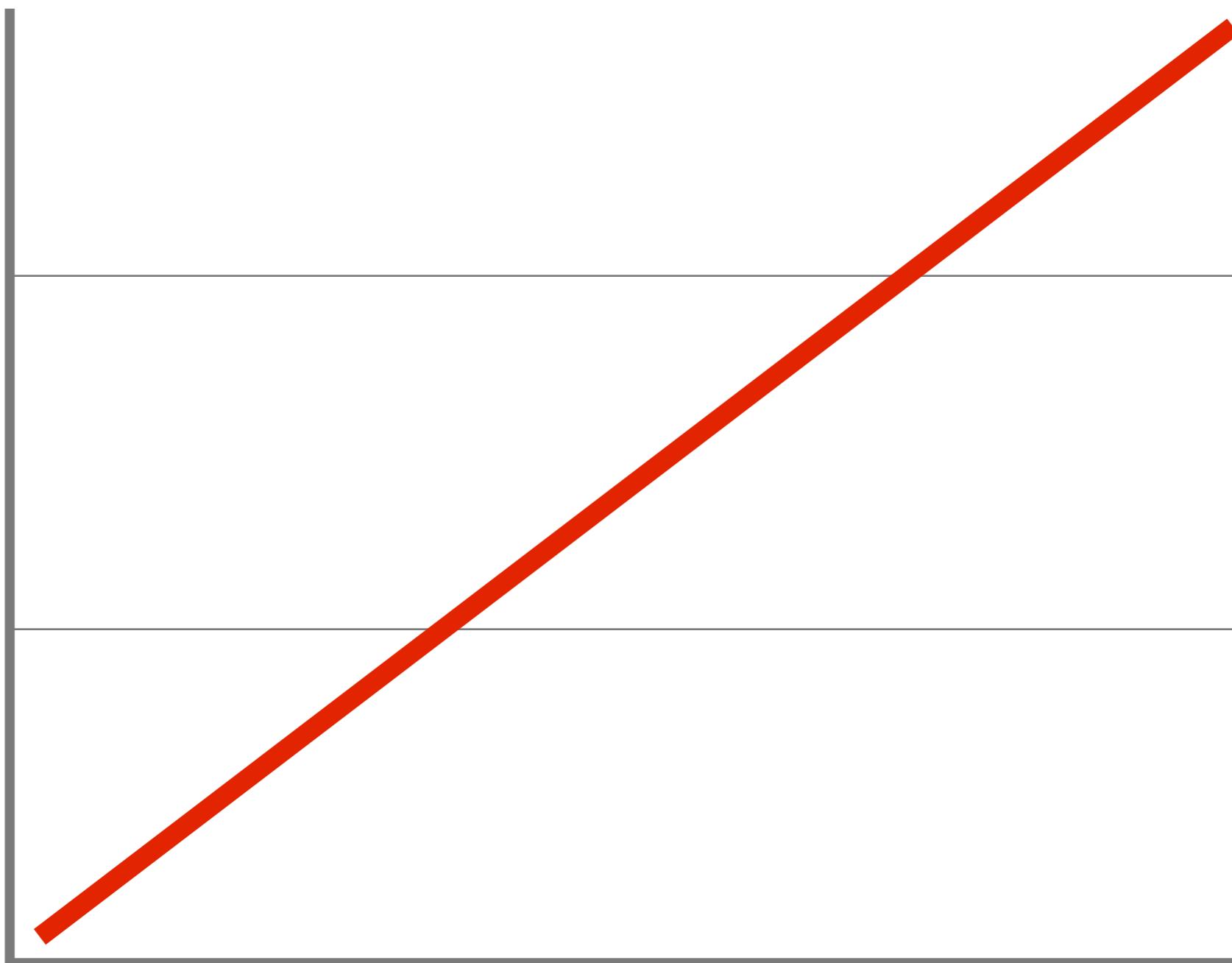


```
$(' #ball')  
  .animate({  
    top: 250,  
    left: '200px'  
  }, 2000)  
  .delay(500)  
  .animate({  
    height: '20em',  
    width: '20em'  
  }, 2000)  
  .delay(500)  
  .animate({  
    opacity: 0.5,  
  }, 2000);
```

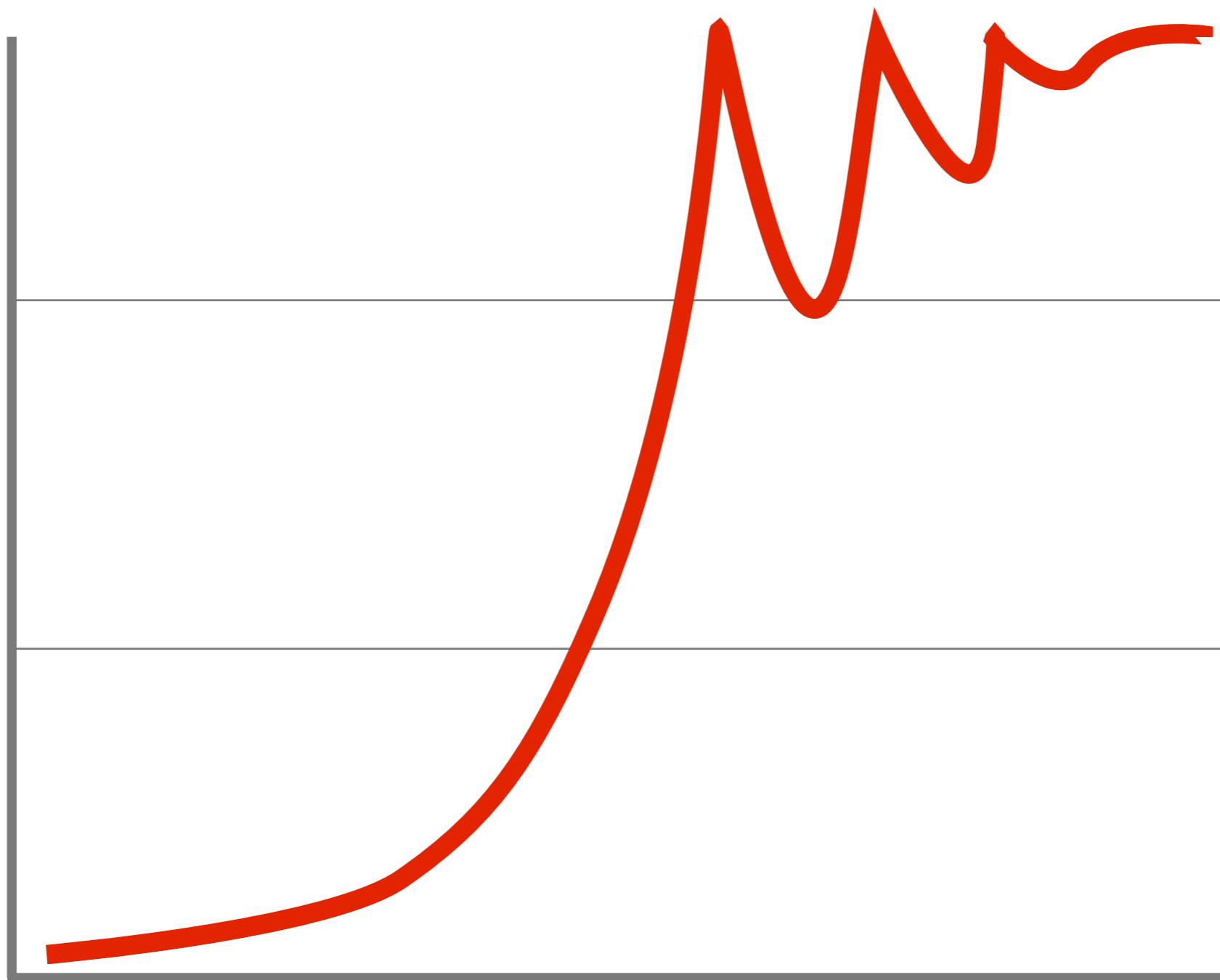


easing

linear :-(



easeOutBounce :-D



<http://gsgd.co.uk/sandbox/jquery/easing/>

<http://bit.ly/cKstRK>

```
$(' #ball ').animate( {  
    top: 500,  
    left: 200,  
, 2000,  
'easeOutBounce' );
```



Per property easing

```
$(' #ball ') . animate( {  
    top: [500, 'easingOutBounce'] ,  
    left: 500  
}, 2000);
```



callbacks

do *something* when it's done

Once faded out...

```
$('div').fadeOut(function () {  
    $(this).remove();  
});
```

Animate something else...

```
$('box1').animate({  
    top: 200,  
    left: 200  
}, 2000, function () {  
    $('#box2').animate({  
        height: 500,  
        width: 500  
}, 200);  
});
```



Tip

disable effects

```
$ .fx.of = true;
```

A traditional Chinese landscape painting featuring a dark green, four-wheeled carriage pulled by two black horses. The horses have decorative headgear and are set against a background of stylized, swirling clouds and distant mountains under a light blue sky.

Ajax

Warning: wear your tech-hat

No brainer Ajax

Remy's Cats

Dizzy



Name
Dizzy
Colour
Tabby
Super power
Sleeping

Ninja



Name
Lord Ninja of Catville
Colour
Black & White
Super power
Most pathetic meow known to catkind

Missy



Name
Missy
Colour
Black
Super power
Computer hardware protection

über easy ajax: load

file:///Users/remy/Dropbox/Talks/jQuery/Workshops/J4D-2/ajax.html

Dizzy Missy Ninja

Select someone/thing for more info about them.

Two red arrows point from the "Ninja" button on the left to the "Ninja" card on the right.

Dizzy Missy Ninja

Select someone/thing for more info about them.



Remy's Cats

Dizzy



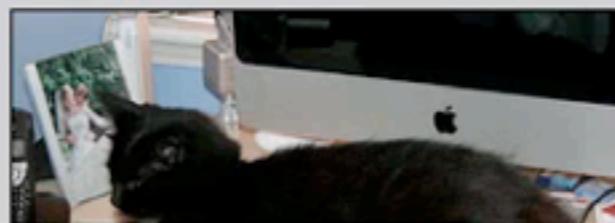
Name
Dizzy
Colour
Tabby
Super power
Sleeping

Ninja



Name
Lord Ninja of Catville
Colour
Black & White
Super power
Most pathetic meow known to catkind

Missy



```
$(' #detail ').load('page.html');
```

```
$( '#detail' ).load( 'page.html #id' );
```

this.hash

the secret sauce

```
$('#tabs a').click(function () {  
  $('#detail').load('cats.html ' + this.hash);  
  return false;  
});
```

this.hash

the secret sauce

```
$('#tabs a').click(function () {  
  $('#detail').load('cats.html #dizzy');  
  return false;  
});
```

this.hash

the secret sauce

```
$('#tabs a').click(function () {  
  $('#detail').load('cats.html ' + this.hash);  
  return false;  
});
```

JSON

JavaScript Object

```
{  
  screen_name : "@rem",  
  height : "short",  
  fingers : 5,  
  brit : true  
}
```

JSON

```
{  
  "screen_name": "@rem",  
  "height": "short",  
  "fingers": 5,  
  "brit": true  
}
```

JSONP

JSONP WTF?

JSON+...

```
{  
  "screen_name": "@rem",  
  "height": "short",  
  "fingers": 5,  
  "brit": true  
}
```

JSON+Padding

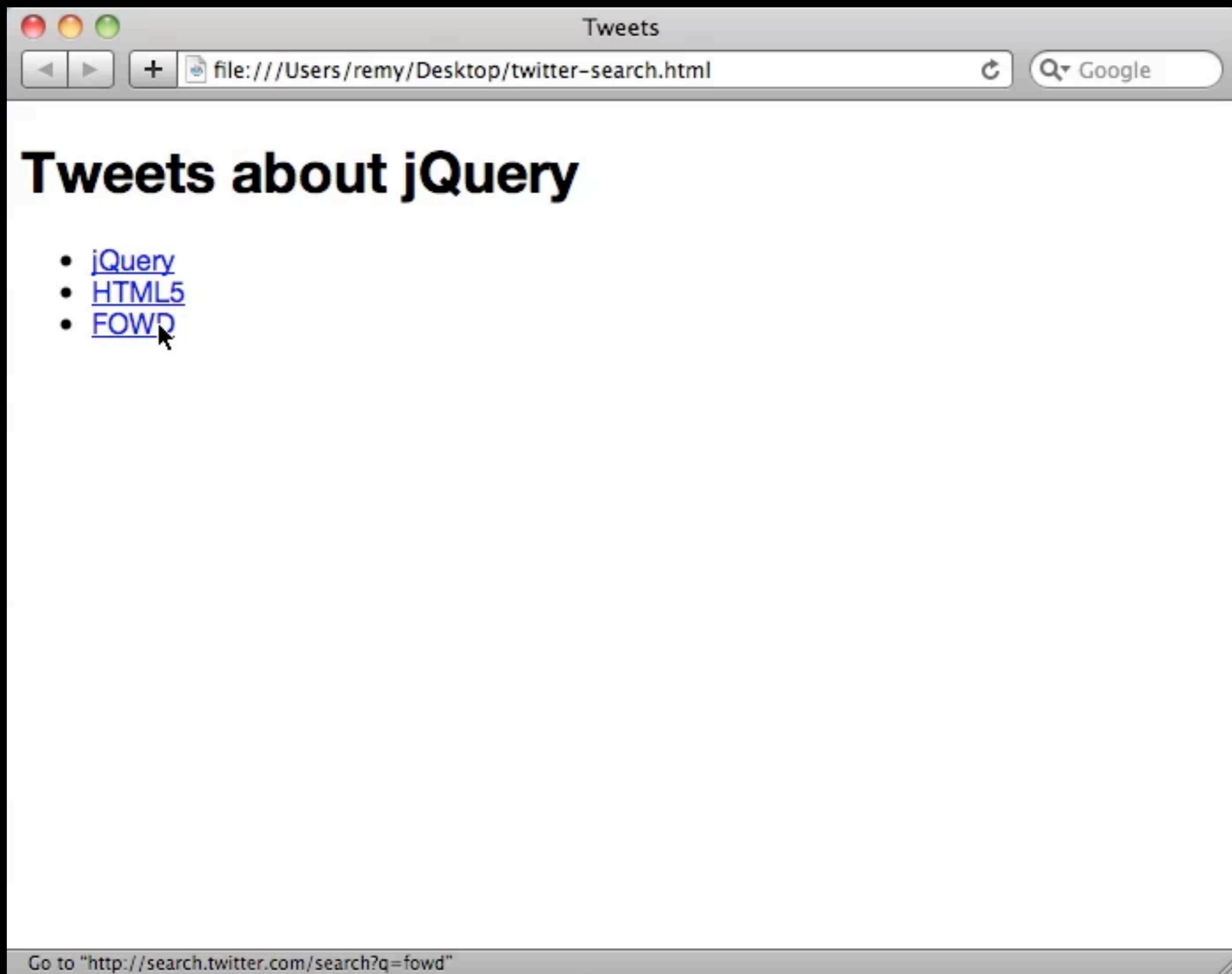
```
callback( {  
    "screen_name": "@rem",  
    "height": "short",  
    "fingers": 5,  
    "brit": true  
} );
```

**Getting other
people's data**

\$getJSON

Tip

Remember
callback=?



```
var twitterURL = 'http://search.twitter.com/search.json?  
callback=?&q=';  
  
$( 'a' ).click( function () {  
    $.getJSON(twitterURL + $(this).text(), function (data) {  
        $('#tweets').empty();  
        $.each(data.results, function (i, item) {  
            $('#tweets').append('<li>' + item.text + '</li>');  
        });  
    });  
    return false;  
});
```

Tells jQuery we're doing JSONP

```
var twitterURL = 'http://search.twitter.com/search.json?  
callback=?&q=';  
  
$('a').click(function () {  
    $.getJSON(twitterURL + $(this).text(), function (data) {  
        $('#tweets').empty();  
        $.each(data.results, function (i, item) {  
            $('#tweets').append('<li>' + item.text + '</li>');  
        });  
    });  
    return false;  
});
```

```
var twitterURL = 'http://search.twitter.com/search.json?  
callback=?&q=';  
  
$( 'a' ).click( function () {  
    $.getJSON( twitterURL + $(this).text(), function (data) {  
        $('#tweets').empty();  
        $.each( data, function (index, item) {  
            $( '#tweets' ).append( '- ' + item.text + '</li>' );  
        } );  
    } );  
    return false;  
});

```

Construct "q=jQuery"

Twitter search url

```
var twitterURL = 'http://search.twitter.com/search.json?  
callback=?&a='.
```

Remove previous results

```
$.getJSON(twitterURL + $(this).text(), function (data) {  
    $('#tweets').empty();  
    $.each(data.results, function (i, item) {  
        $('#tweets').append('<li>' + item.text + '</li>');  
    });  
});  
return false;  
});
```

```
var twitterURL = 'http://search.twitter.com/search.json?'
```

**data.results contains a
list of all the tweets**

```
$( '#tweets' ).empty();
$.each(data.results, function (i, item) {
  $('#tweets').append('<li>' + item.text + '</li>');
});
return false;
});
```

```
var twitterURL = 'http://search.twitter.com/search.json?  
callback=?&q=';  
  
$( 'a' ).click( function () {  
    $.getJSON(twitterURL + $(this).text(), function (data) {  
        $('#tweets').empty();  
        $.each(data.results, function (i, item) {  
            $('#tweets').append('<li>' + item.text + '</li>');  
        });  
    });  
    return  
});
```

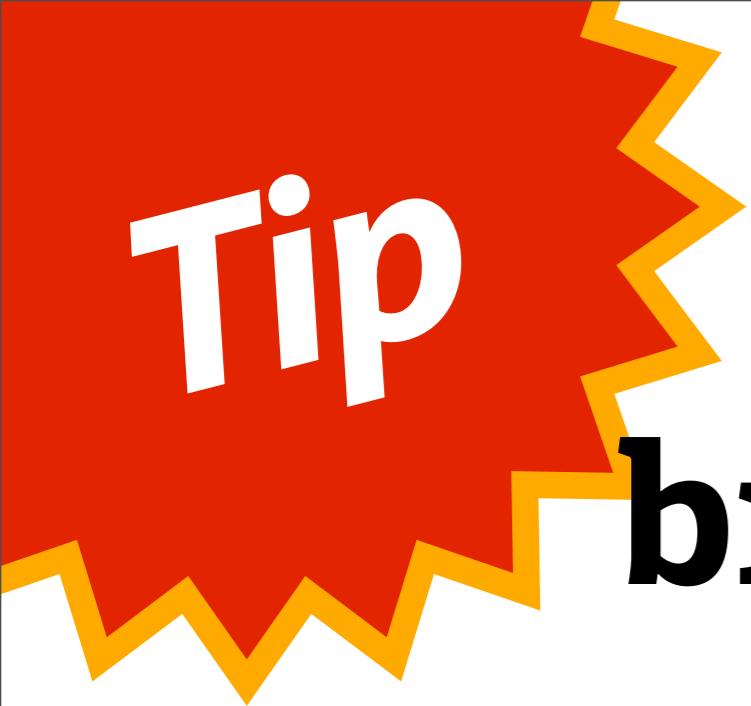
Show each Tweet
in a list item

```
var twitterURL = 'http://search.twitter.com/search.json?  
callback=?&q=';  
  
$( 'a' ).click(function () {  
    $.getJSON( twitterURL + $(this).text(), function (data) {  
        var list = '

';  
        $(data.results).each(function (i, item) {  
            list += '- ' + item.text + '
';  
        });  
        list += '
';  
        $(list).appendTo('body');  
    });  
    return false;  
});
```

**Don't follow the link
to Twitter search**

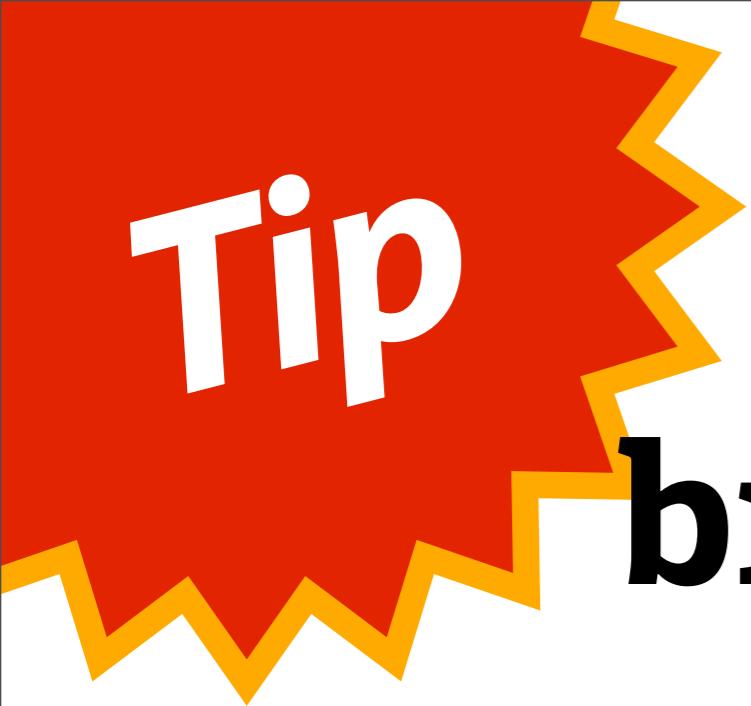
```
var twitterURL = 'http://search.twitter.com/search.json?  
callback=?&q=';  
  
$( 'a' ).click( function () {  
    $.getJSON( twitterURL + $(this).text(), function (data) {  
        $('#tweets').empty();  
        $.each(data.results, function (i, item) {  
            $('#tweets').append('<li>' + item.text + '</li>');  
        });  
    });  
    return false;  
});
```



Tip

Cancelling browser actions

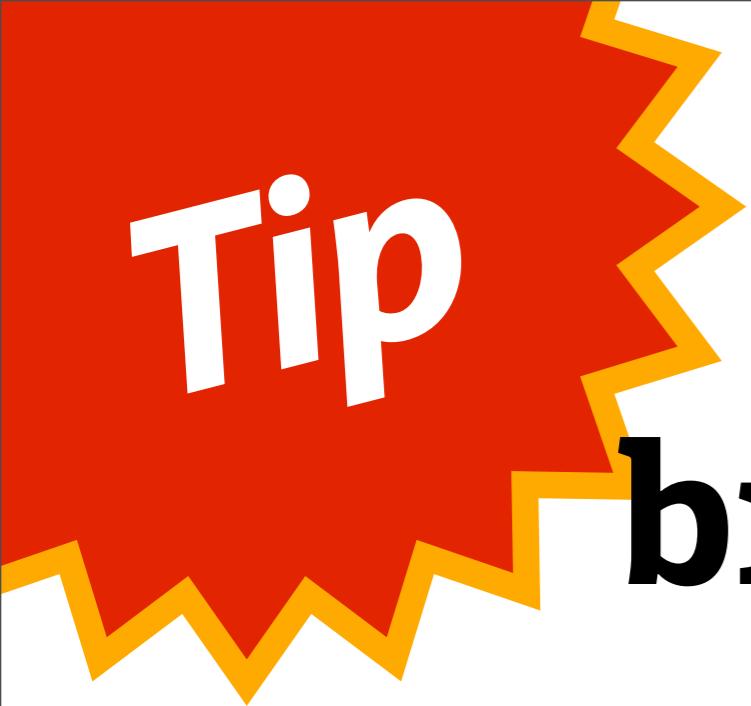
```
$('a').click(function () {  
  // do some Ajax magic  
  return false;  
});
```



Tip

Cancelling browser actions

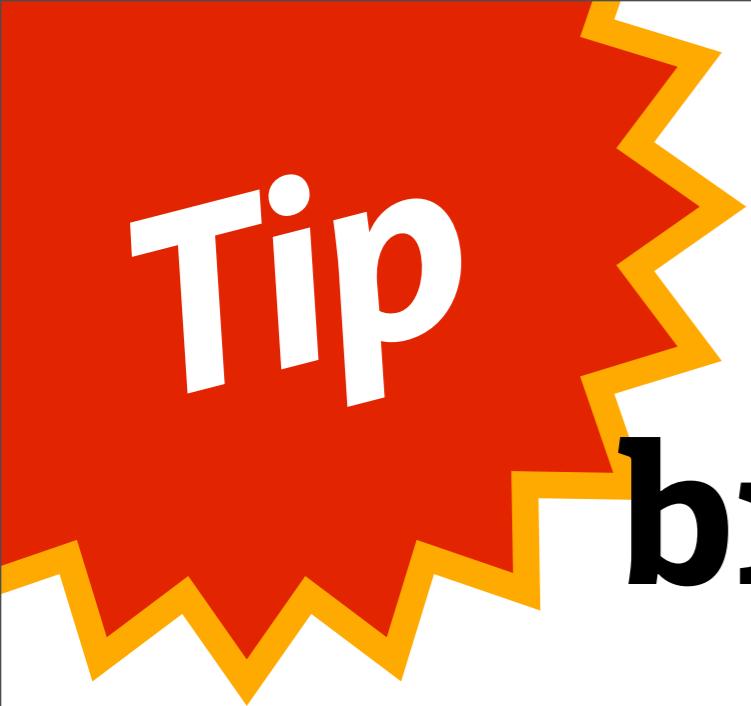
```
$('a').click(function () {  
    // do some Ajax magic  
    return false;  
});
```



Tip

Cancelling browser actions

```
$('a').click(function (event) {  
    // do some Ajax magic  
    return false;  
});
```



Tip

Cancelling browser actions

```
$('a').click(function (event) {  
    // do some Ajax magic  
});
```

Tip

Cancelling browser actions

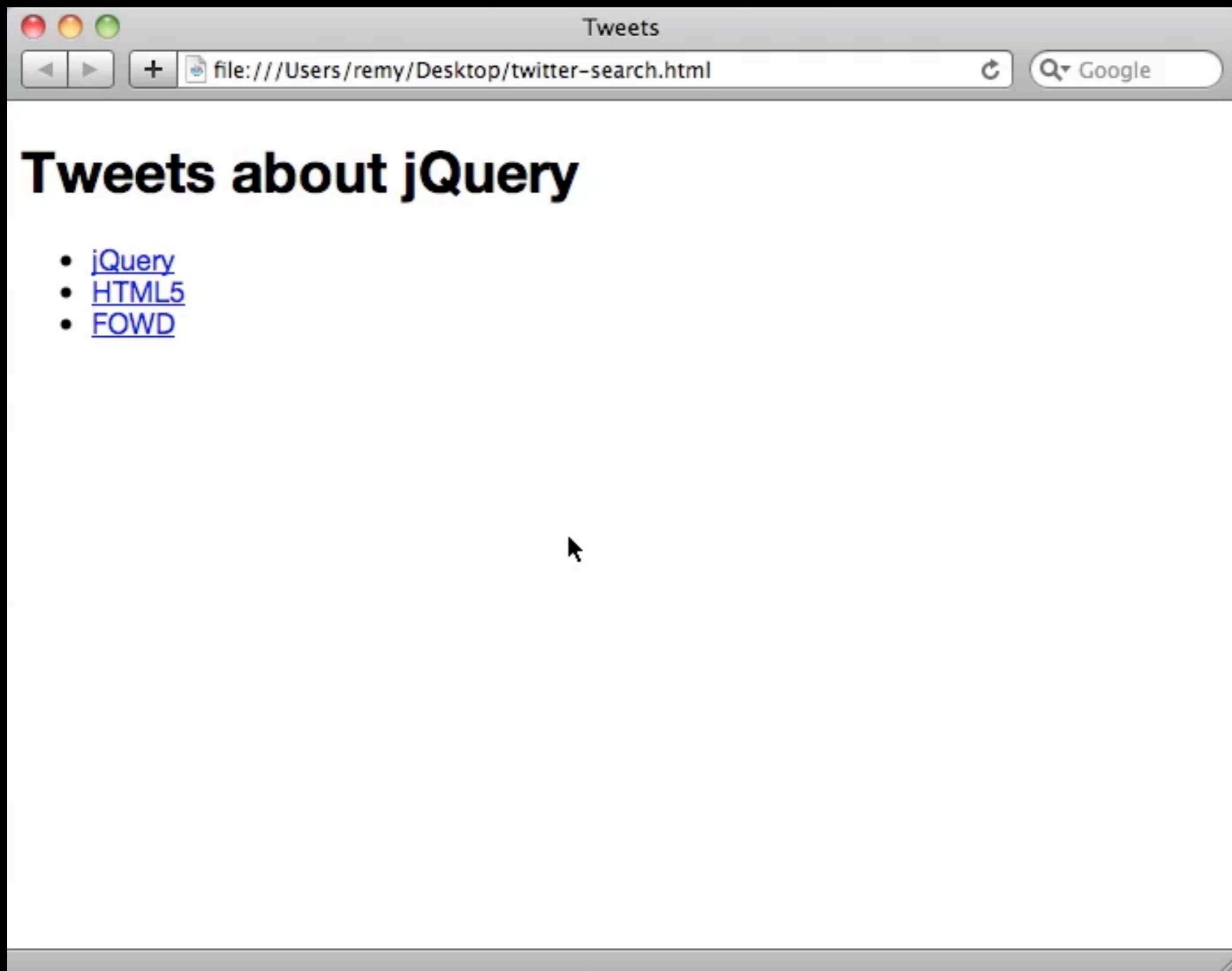
```
$('a').click(function (event) {  
    event.preventDefault()  
    // do some Ajax magic  
});
```

Better

Loading...



Giving users feedback



Ajax events

- 1. ajaxStart**
- 2. ajaxSuccess (or ajaxError)**
- 3. ajaxComplete**

```
$('#status').ajaxStart(function () {  
    $(this).fadeIn();  
}).ajaxComplete(function () {  
    $(this).fadeOut();  
});
```

Note: this refers to the #status node

-webkit ➔ jQuery

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BY **ANDY CLARKE**

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```
.shadow {  
display : block;  
z-index : 1;  
position : absolute;  
bottom : 0;  
right : -800px;  
left : auto;  
width : 840px;  
height : 1000px;  
background-image : url(..../img/shadow.png);  
background-repeat : no-repeat;  
background-position : 0 100%;  
-webkit-animation-name : shadow;  
-webkit-animation-iteration-count : 1;  
-webkit-animation-timing-function : linear;  
-webkit-animation-duration : 20s;  
-webkit-animation-delay : 5s;  
}  
  
@-webkit-keyframes shadow {  
from { right : -800px; }  
to { right : 1900px } }
```

```
width : 840px;  
height : 1000px;  
background-image : url(../img/shadow.png);  
background-repeat : no-repeat;  
background-position : 0 100%;  
-webkit-animation-name : shadow;  
-webkit-animation-iteration-count : 1;  
-webkit-animation-timing-function : linear;  
-webkit-animation-duration : 20s;  
-webkit-animation-delay : 5s;  
}  
  
@-webkit-keyframes shadow {  
from { right : -800px; }  
to { right : 1900px } }
```

```
$('.shadow')  
  .css('backgroundImage',  
        'url(assets/img/new/unicorn.png)')  
  .delay(5000)  
  .animate({  
    right: 1900  
  }, 20 * 1000);  
});
```

cheers!

@rem

remy@leftlogic.com

<http://jqueryfordesigners.com>