

Get going with *jQuery* write less, do more.

Dev Group

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the old way...

```
<body onload="do stuff">
```

the new way...

```
$(function() {  
    do stuff  
})
```

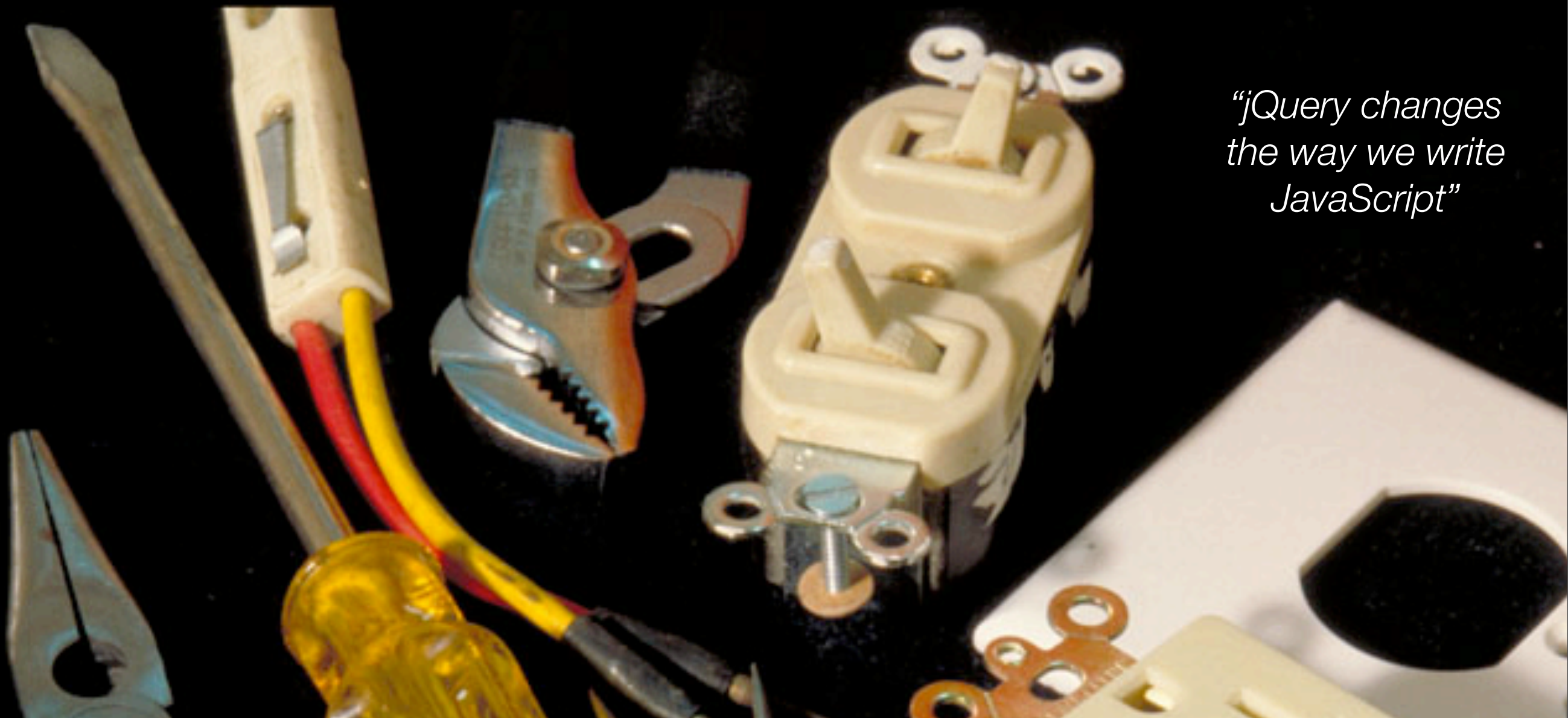
Shorthand for:

```
jQuery(document).ready(function() {  
    do stuff  
});
```


Find stuff... then do something with it

```
$ ("DIV") .fadeOut ("slow")
```

*"jQuery changes
the way we write
JavaScript"*



Find stuff...

```
$("#invoiceTable TR:odd")
```

```
$("DIV.searchBar :checkbox")
```

```
$("IMG[src $= '.png']")
```

```
$("LI:nth-child(2)")
```

*No more `getElementById()` or `document.all[]`
or `document.layers[]`
and a bunch of for loops and if
statements for good measure*

DIV>UL

[attr*=value] [attr]

.class :nth-child(n)

:first :nth(n)

:not(selector)

:hidden :radio

:has(selector)

:disabled :checked

Find stuff... then do something with it

```
$("#invoiceTable TR:odd")  
  .addClass("rowStripe")
```

```
$("DIV.searchBar :checkbox")  
  .removeAttr("checked")
```

```
$("IMG[src $= '.png' ]")  
  .slideDown("fast")
```

```
$("LI:nth-child(2)")  
  .css({ color:"#000",  
        left:"50%" })
```

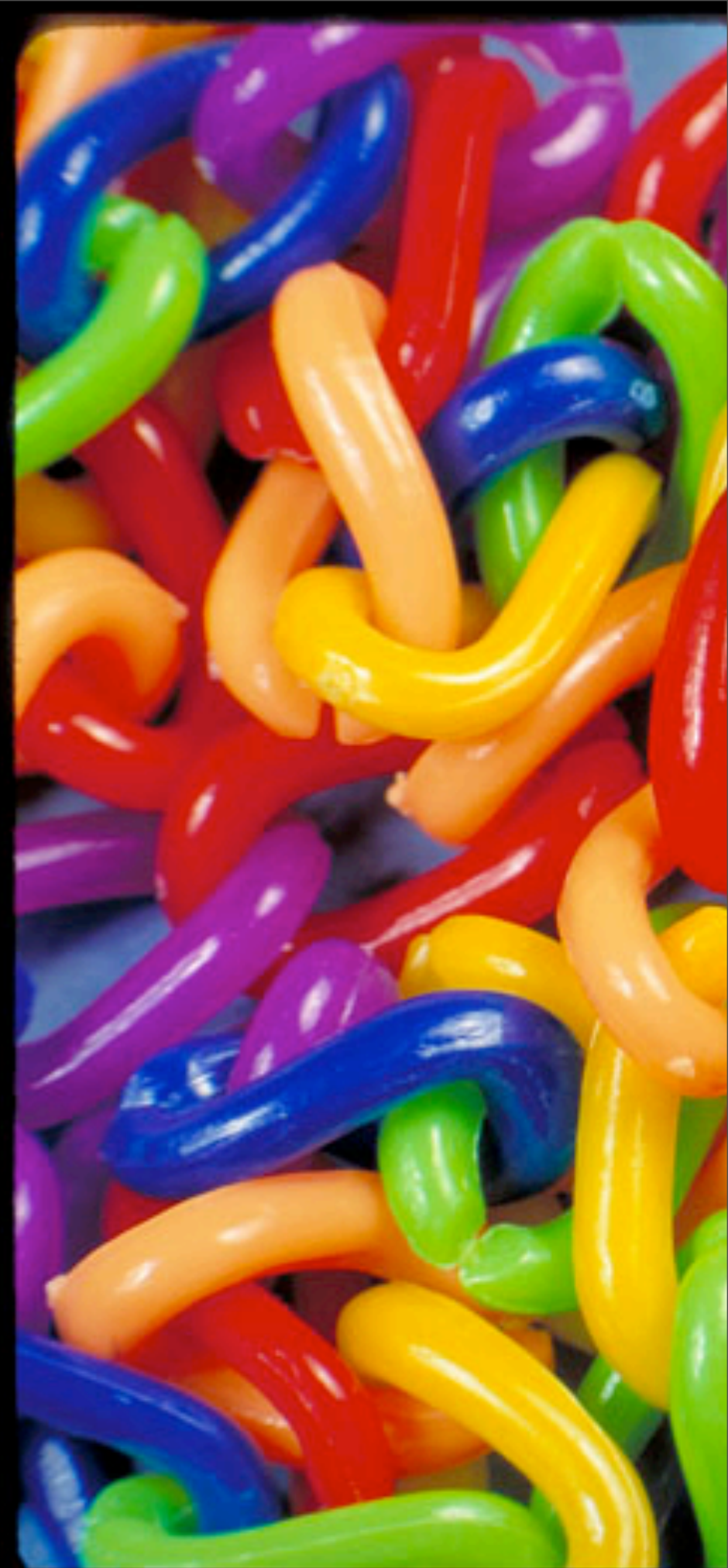


A stack of colorful wooden blocks (yellow, red, blue) is shown on the right side of the slide. Overlaid on the blocks are several blue rounded rectangles, each containing a jQuery method name in white text. The methods listed are: .toggleClass(), .text(), .attr(), .filter(), .val(), .css(), .siblings(), .prev(), .find(), .appendTo(), :remove(), and :wrap().

- .toggleClass()
- .text()
- .attr()
- .filter()
- .val()
- .css()
- .siblings()
- .prev()
- .find()
- .appendTo()
- :remove()
- :wrap()

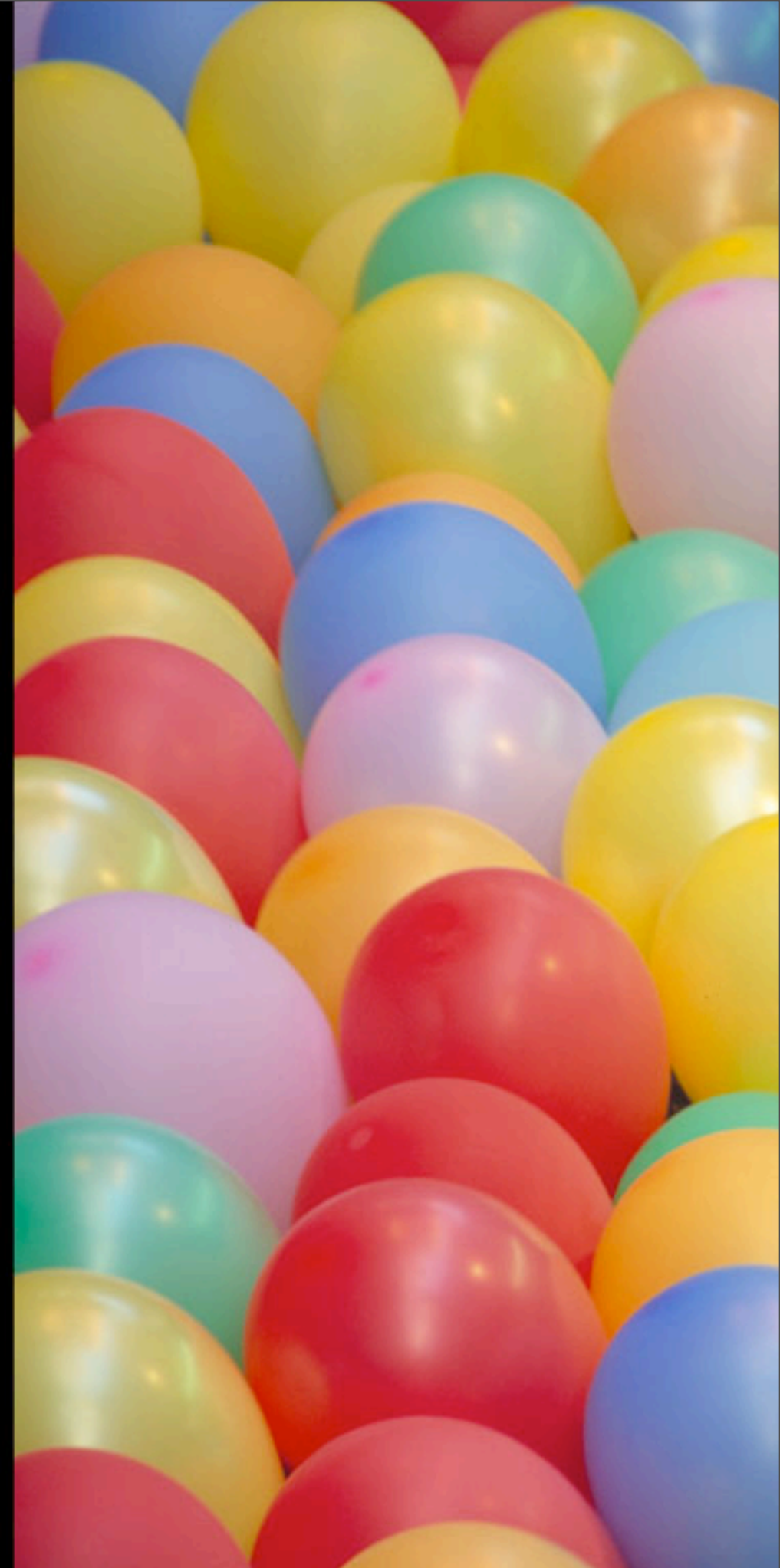
Chaining...

```
$ ("TABLE TR.answers")  
  .hide()  
  .prevAll()  
  .filter(":odd")  
  .addClass("oddRow")
```



Traversing and filtering...

```
$ ("INPUT:checked")  
  .parents ("DIV.content")  
  .find (".results :button")  
  .trigger ("focus")
```



Events...

```
$ ("A").click(function() {  
    do stuff  
    return false;  
});
```

```
$ ("INPUT:text")  
    .bind("keydown", function(e) {  
        alert(e.keyCode);  
    });
```

*No more
addEventListener()
or attachEvent() etc.*

*Encourages Unobtrusive
JavaScript and Progressive
Enhancement (PE)*

`.bind("click",fn)`

`.ready(fn)`

`.trigger(type)`

`.one`

`.unbind(type,fn)`

`.live`

`.hover`

Effects...

```
$ ("A")  
  .click(function() {  
    $(this).fadeOut("fast");  
    return false;  
  });
```

```
$ ("LI:gt(3)")  
  .animate({  
    width: "70%",  
    opacity: 0.4,  
    marginLeft: "0.6in",  
    borderWidth: "10px"  
  }, 2000);
```

`.slideDown`

`.hide`

`.toggle`

`.animate()`

`.show`

`.fadeIn()`

`.slideToggle()`

`.stop()`

`.fadeTo`


AJAX...

```
$("#twitter")  
  .load("myTweets.aspx");
```

```
$.getJSON(tweetUrl, function(data) {  
  $.each(data, function(i, item) {  
    $("      .html(item.text)  
      .prependTo("#tweet");  
  });  
});
```

With the jQuery forms plugin:

```
$("#myForm").ajaxForm(function() {  
  alert("Form submitted!");  
});
```



.getJSON() .load
.post .getScript
.get()
.serialize()
ajax events

Write a plugin...

```
$.fn.myPlugin = function(options) {  
    $(this).addClass('yayMyPluginWorks')  
}
```

and call it...

```
$("DIV.special").myPlugin()
```

*No more browser sniffing
(well, not so much, anyway)*

thx!



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<http://docs.jquery.com>

<http://ui.jquery.com>

<http://www.learningjquery.com>