



Video 2.9

Chris Murphy

Review

- Previously we've seen how to use JavaScript, the DOM, and event-driven programming to modify HTML based on user activity
- However...
 - different browsers may work in different manners
 - the syntax can be a bit clunky
 - many features are hard to implement
- Is there an easier way?

jQuery

- Simplifies JavaScript usage on webapps
- More intuitive way of DOM manipulation
- Great cross-browser support (Except IE6)
- Additional Utilities
- Effects and Animations
- Customizable plugins

Using jQuery

- Download the latest version of jQuery from jquery.com
- Add the downloaded .js file to your HTML webpage using a script tag
 - `<script src="jQueryFile.js"></script>`

Selecting DOM Elements

- In jQuery, \$ is used to select DOM elements for manipulation, along with basic CSS element syntax

Selecting DOM Elements

- In jQuery, \$ is used to select DOM elements for manipulation, along with basic CSS element syntax
 - **\$ ("*") selects all elements**

Selecting DOM Elements

- In jQuery, `$` is used to select DOM elements for manipulation, along with basic CSS element syntax
 - `$(“*”)` selects all elements
 - **`$(this)` selects the current element**

Selecting DOM Elements

- In jQuery, `$` is used to select DOM elements for manipulation, along with basic CSS element syntax
 - `$("*")` selects all elements
 - `$(this)` selects the current element
 - **`$("div")` selects all `<div>` elements**

Selecting DOM Elements

- In jQuery, `$` is used to select DOM elements for manipulation, along with basic CSS element syntax
 - `$("*")` selects all elements
 - `$(this)` selects the current element
 - `$("div")` selects all `<div>` elements
 - **`$(".title")` selects all elements with `class="title"`**

Selecting DOM Elements

- In jQuery, `$` is used to select DOM elements for manipulation, along with basic CSS element syntax
 - `$(“*”)` selects all elements
 - `$(this)` selects the current element
 - `$(“div”)` selects all `<div>` elements
 - `$(“.title”)` selects all elements with `class=“title”`
 - **`$(“#name”)` selects the element with `id=“name”`**

jQuery DOM Manipulation

- To manipulate DOM contents, the general format is
`$(selector).action(arguments...)`

jQuery DOM Manipulation

- To manipulate DOM contents, the general format is `$(selector).action(arguments...)`

```
$("#name").html("Hello");
```

jQuery DOM Manipulation

- To manipulate DOM contents, the general format is `$(selector).action(arguments...)`

```
$("#name").html("Hello");
```

jQuery DOM Manipulation

- To manipulate DOM contents, the general format is `$(selector).action(arguments...)`

```
$("#name").html("Hello");
```

jQuery DOM Manipulation

- To manipulate DOM contents, the general format is `$(selector).action(arguments...)`

```
$("#name").html("Hello");
```

jQuery DOM Manipulation

- To manipulate DOM contents, the general format is `$(selector).action(arguments...)`

```
$( "#name" ).html( "Hello" );
```


jQuery DOM Manipulation

- To manipulate DOM contents, the general format is `$(selector).action(arguments...)`

```
$("#name").html("Hello");  
$("#name").append(" World!");
```

jQuery DOM Manipulation

- To manipulate DOM contents, the general format is `$(selector).action(arguments...)`

```
$( "#name" ).html( "Hello" );  
$( "#name" ).append( " World!" );  
$( "#name" ).addClass( "greeting" );
```

jQuery DOM Manipulation

- To manipulate DOM contents, the general format is `$(selector).action(arguments...)`

```
$( "#name" ).html( "Hello" );  
$( "#name" ).append( " World!" );  
$( "#name" ).addClass( "greeting" );  
$( "#name" ).hide();
```

jQuery DOM Manipulation

- To manipulate DOM contents, the general format is `$(selector).action(arguments...)`

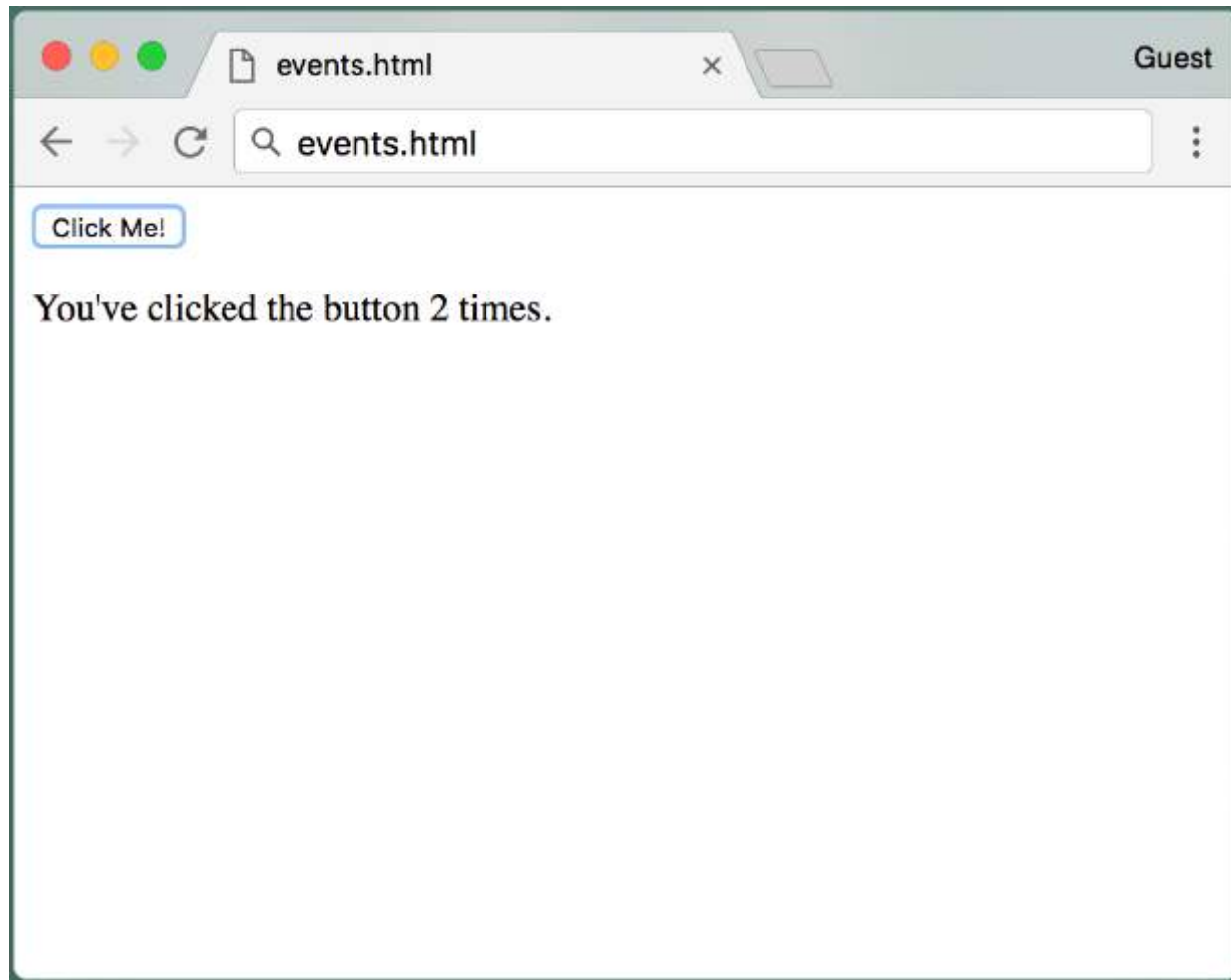
```
$( "#name" ).html( "Hello" );  
$( "#name" ).append( " World!" );  
$( "#name" ).addClass( "greeting" );  
$( "#name" ).hide();  
$( "#name" ).show();
```

jQuery DOM Manipulation

- To manipulate DOM contents, the general format is `$(selector).action(arguments...)`

```
$( "#name" ).html( "Hello" );  
$( "#name" ).append( " World!" );  
$( "#name" ).addClass( "greeting" );  
$( "#name" ).hide();  
$( "#name" ).show();
```

- To add an event listener to an element, the general format is `$(selector).event(callback)`



```
<html>
<head><script src="jquery.js"></script></head>
<body>
<button id="clickMe">Click Me!</button>
<p>
You've clicked the button <span id="numClicks">0 times</span>.

<script>
var clicks = 0;

function clickHandler() {
    clicks++;
    var numClicksSpan = document.getElementById('numClicks');
    if (clicks == 1)
        numClicksSpan.innerHTML = 'once';
    else
        numClicksSpan.innerHTML = clicks + ' times';
}

var button = document.getElementById('clickMe');
button.addEventListener('click', clickHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>
<body>
<button id="clickMe">Click Me!</button>
<p>
You've clicked the button <span id="numClicks">0 times</span>.

<script>
var clicks = 0;

function clickHandler() {
    clicks++;
    var numClicksSpan = document.getElementById('numClicks');
    if (clicks == 1)
        numClicksSpan.innerHTML = 'once';
    else
        numClicksSpan.innerHTML = clicks + ' times';
}

var button = document.getElementById('clickMe');
button.addEventListener('click', clickHandler);

</script>

</body>
</html>
```



```
<html>
<head><script src="jquery.js"></script></head>
<body>
<button id="clickMe">Click Me!</button>
<p>
You've clicked the button <span id="numClicks">0 times</span>.

<script>
var clicks = 0;

function clickHandler() {
    clicks++;
    var numClicksSpan = document.getElementById('numClicks');
    if (clicks == 1)
        numClicksSpan.innerHTML = 'once';
    else
        numClicksSpan.innerHTML = clicks + ' times';
}

var button = document.getElementById('clickMe');
button.addEventListener('click', clickHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>
<body>
<button id="clickMe">Click Me!</button>
<p>
You've clicked the button <span id="numClicks">0 times</span>.

<script>
var clicks = 0;

function clickHandler() {
    clicks++;
    var numClicksSpan = document.getElementById('numClicks');
    if (clicks == 1)
        numClicksSpan.innerHTML = 'once';
    else
        numClicksSpan.innerHTML = clicks + ' times';
}

var button = document.getElementById('clickMe');
button.addEventListener('click', clickHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>
<body>
<button id="clickMe">Click Me!</button>
<p>
You've clicked the button <span id="numClicks">0 times</span>.

<script>
var clicks = 0;

function clickHandler() {
    clicks++;
    var numClicksSpan = document.getElementById('numClicks');
    if (clicks == 1)
        numClicksSpan.innerHTML = 'once';
    else
        numClicksSpan.innerHTML = clicks + ' times';
}

var button = document.getElementById('clickMe');
button.addEventListener('click', clickHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>
<body>
<button id="clickMe">Click Me!</button>
<p>
You've clicked the button <span id="numClicks">0 times</span>.

<script>
var clicks = 0;

function clickHandler() {
    clicks++;
    var numClicksSpan = document.getElementById('numClicks');
    if (clicks == 1)
        numClicksSpan.innerHTML = 'once';
    else
        numClicksSpan.innerHTML = clicks + ' times';
}

var button = document.getElementById('clickMe');
button.addEventListener('click', clickHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>
<body>
<button id="clickMe">Click Me!</button>
<p>
You've clicked the button <span id="numClicks">0 times</span>.

<script>
var clicks = 0;

function clickHandler() {
    clicks++;
    var numClicksSpan = document.getElementById('numClicks');
    if (clicks == 1)
        numClicksSpan.innerHTML = 'once';
    else
        numClicksSpan.innerHTML = clicks + ' times';
}

var button = document.getElementById('clickMe');
button.addEventListener('click', clickHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>
<body>
<button id="clickMe">Click Me!</button>
<p>
You've clicked the button <span id="numClicks">0 times</span>.

<script>
var clicks = 0;

function clickHandler() {
    clicks++;
    var numClicksSpan = $('#numClicks');
    if (clicks == 1)
        numClicksSpan.innerHTML = 'once';
    else
        numClicksSpan.innerHTML = clicks + ' times';
}

var button = document.getElementById('clickMe');
button.addEventListener('click', clickHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>
<body>
<button id="clickMe">Click Me!</button>
<p>
You've clicked the button <span id="numClicks">0 times</span>.

<script>
var clicks = 0;

function clickHandler() {
    clicks++;
    var numClicksSpan = $('#numClicks');
    if (clicks == 1)
        numClicksSpan.innerHTML = 'once';
    else
        numClicksSpan.innerHTML = clicks + ' times';
}

var button = document.getElementById('clickMe');
button.addEventListener('click', clickHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>
<body>
<button id="clickMe">Click Me!</button>
<p>
You've clicked the button <span id="numClicks">0 times</span>.

<script>
var clicks = 0;

function clickHandler() {
    clicks++;
    var numClicksSpan = $('#numClicks');
    if (clicks == 1)
        numClicksSpan.innerHTML = 'once';
    else
        numClicksSpan.innerHTML = clicks + ' times';
}

var button = document.getElementById('clickMe');
button.addEventListener('click', clickHandler);

</script>

</body>
</html>
```



```
<html>
<head><script src="jquery.js"></script></head>
<body>
<button id="clickMe">Click Me!</button>
<p>
You've clicked the button <span id="numClicks">0 times</span>.

<script>
var clicks = 0;

function clickHandler() {
    clicks++;
    var numClicksSpan = $('#numClicks');
    if (clicks == 1)
        numClicksSpan.html('once');
    else
        numClicksSpan.html(clicks + ' times');
}

var button = document.getElementById('clickMe');
button.addEventListener('click', clickHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>
<body>
<button id="clickMe">Click Me!</button>
<p>
You've clicked the button <span id="numClicks">0 times</span>.

<script>
var clicks = 0;

function clickHandler() {
    clicks++;
    var numClicksSpan = $('#numClicks');
    if (clicks == 1)
        numClicksSpan.html('once');
    else
        numClicksSpan.html(clicks + ' times');
}

var button = document.getElementById('clickMe');
button.addEventListener('click', clickHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>
<body>
<button id="clickMe">Click Me!</button>
<p>
You've clicked the button <span id="numClicks">0 times</span>.

<script>
var clicks = 0;

function clickHandler() {
    clicks++;
    var numClicksSpan = $('#numClicks');
    if (clicks == 1)
        numClicksSpan.html('once');
    else
        numClicksSpan.html(clicks + ' times');
}

var button = document.getElementById('clickMe');
button.addEventListener('click', clickHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>
<body>
<button id="clickMe">Click Me!</button>
<p>
You've clicked the button <span id="numClicks">0 times</span>.

<script>
var clicks = 0;

function clickHandler() {
    clicks++;
    var numClicksSpan = $('#numClicks');
    if (clicks == 1)
        numClicksSpan.html('once');
    else
        numClicksSpan.html(clicks + ' times');
}

var button = document.getElementById('clickMe');
button.addEventListener('click', clickHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>
<body>
<button id="clickMe">Click Me!</button>
<p>
You've clicked the button <span id="numClicks">0 times</span>.

<script>
var clicks = 0;

function clickHandler() {
    clicks++;
    var numClicksSpan = $('#numClicks');
    if (clicks == 1)
        numClicksSpan.html('once');
    else
        numClicksSpan.html(clicks + ' times');
}

var button = $('#clickMe');
button.addEventListener('click', clickHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>
<body>
<button id="clickMe">Click Me!</button>
<p>
You've clicked the button <span id="numClicks">0 times</span>.

<script>
var clicks = 0;

function clickHandler() {
    clicks++;
    var numClicksSpan = $('#numClicks');
    if (clicks == 1)
        numClicksSpan.html('once');
    else
        numClicksSpan.html(clicks + ' times');
}

var button = $('#clickMe');
button.addEventListener('click', clickHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>
<body>
<button id="clickMe">Click Me!</button>
<p>
You've clicked the button <span id="numClicks">0 times</span>.

<script>
var clicks = 0;

function clickHandler() {
    clicks++;
    var numClicksSpan = $('#numClicks');
    if (clicks == 1)
        numClicksSpan.html('once');
    else
        numClicksSpan.html(clicks + ' times');
}

var button = $('#clickMe');
button.addEventListener('click', clickHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>
<body>
<button id="clickMe">Click Me!</button>
<p>
You've clicked the button <span id="numClicks">0 times</span>.

<script>
var clicks = 0;

function clickHandler() {
    clicks++;
    var numClicksSpan = $('#numClicks');
    if (clicks == 1)
        numClicksSpan.html('once');
    else
        numClicksSpan.html(clicks + ' times');
}

var button = $('#clickMe');
button.click(clickHandler);

</script>

</body>
</html>
```



```
<html>
<head><script src="jquery.js"></script></head>
<body>
<button id="clickMe">Click Me!</button>
<p>
You've clicked the button <span id="numClicks">0 times</span>.

<script>
var clicks = 0;

function clickHandler() {
    clicks++;
    var numClicksSpan = $('#numClicks');
    if (clicks == 1)
        numClicksSpan.html('once');
    else
        numClicksSpan.html(clicks + ' times');
}

var button = $('#clickMe');
button.click(clickHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>
<body>
<button id="clickMe">Click Me!</button>
<p>
You've clicked the button <span id="numClicks">0 times</span>.

<script>
var clicks = 0;

function clickHandler() {
    clicks++;
    var numClicksSpan = $('#numClicks');
    if (clicks == 1)
        numClicksSpan.html('once');
    else
        numClicksSpan.html(clicks + ' times');
}

var button = $('#clickMe');
button.click(clickHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>
<body>
<button id="clickMe">Click Me!</button>
<p>
You've clicked the button <span id="numClicks">0 times</span>.

<script>
var clicks = 0;

function clickHandler() {
    clicks++;
    var numClicksSpan = $('#numClicks');
    if (clicks == 1)
        numClicksSpan.html('once');
    else
        numClicksSpan.html(clicks + ' times');
}

$('#clickMe').click(clickHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>
<body>
<button id="clickMe">Click Me!</button>
<p>
You've clicked the button <span id="numClicks">0 times</span>.

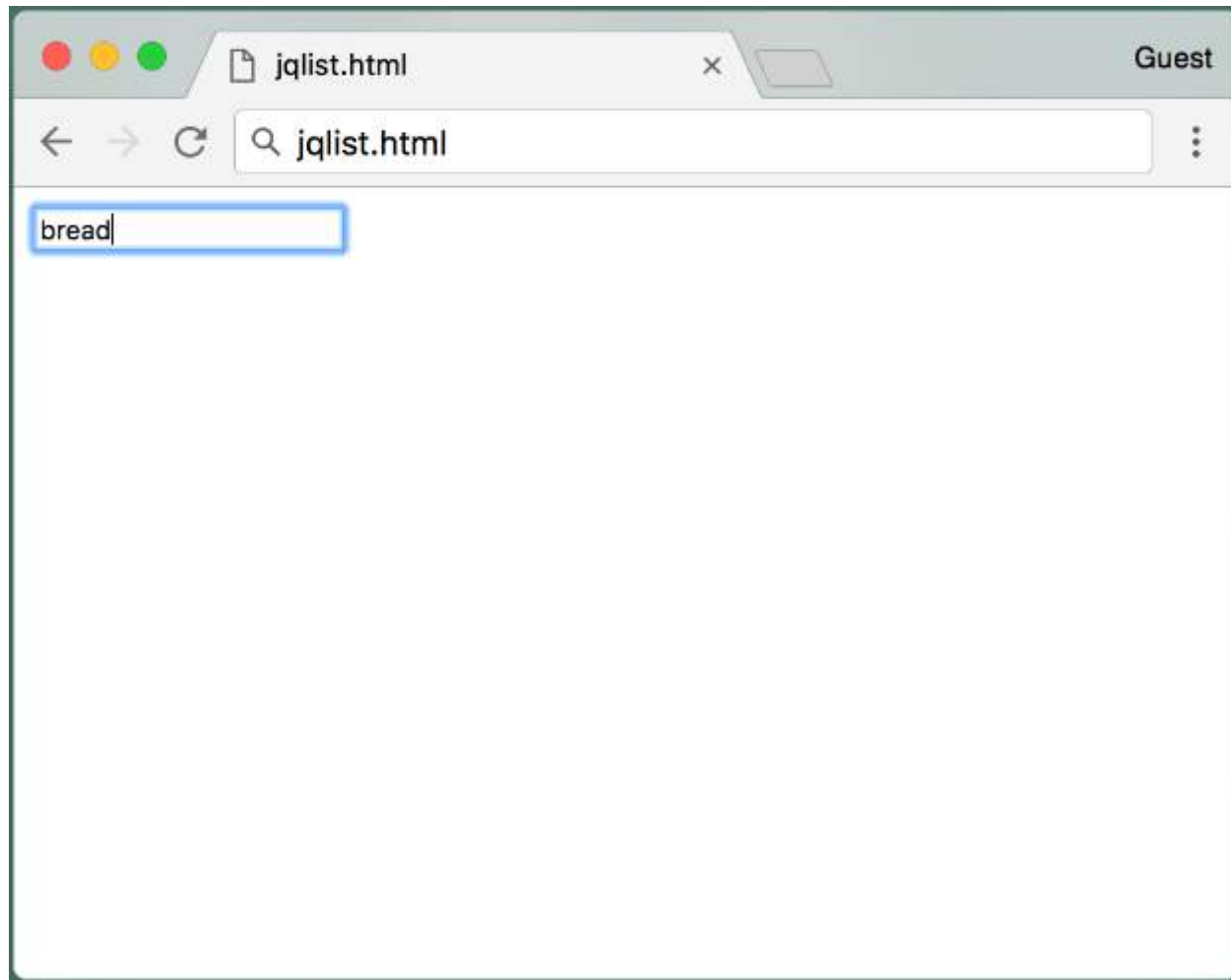
<script>
var clicks = 0;

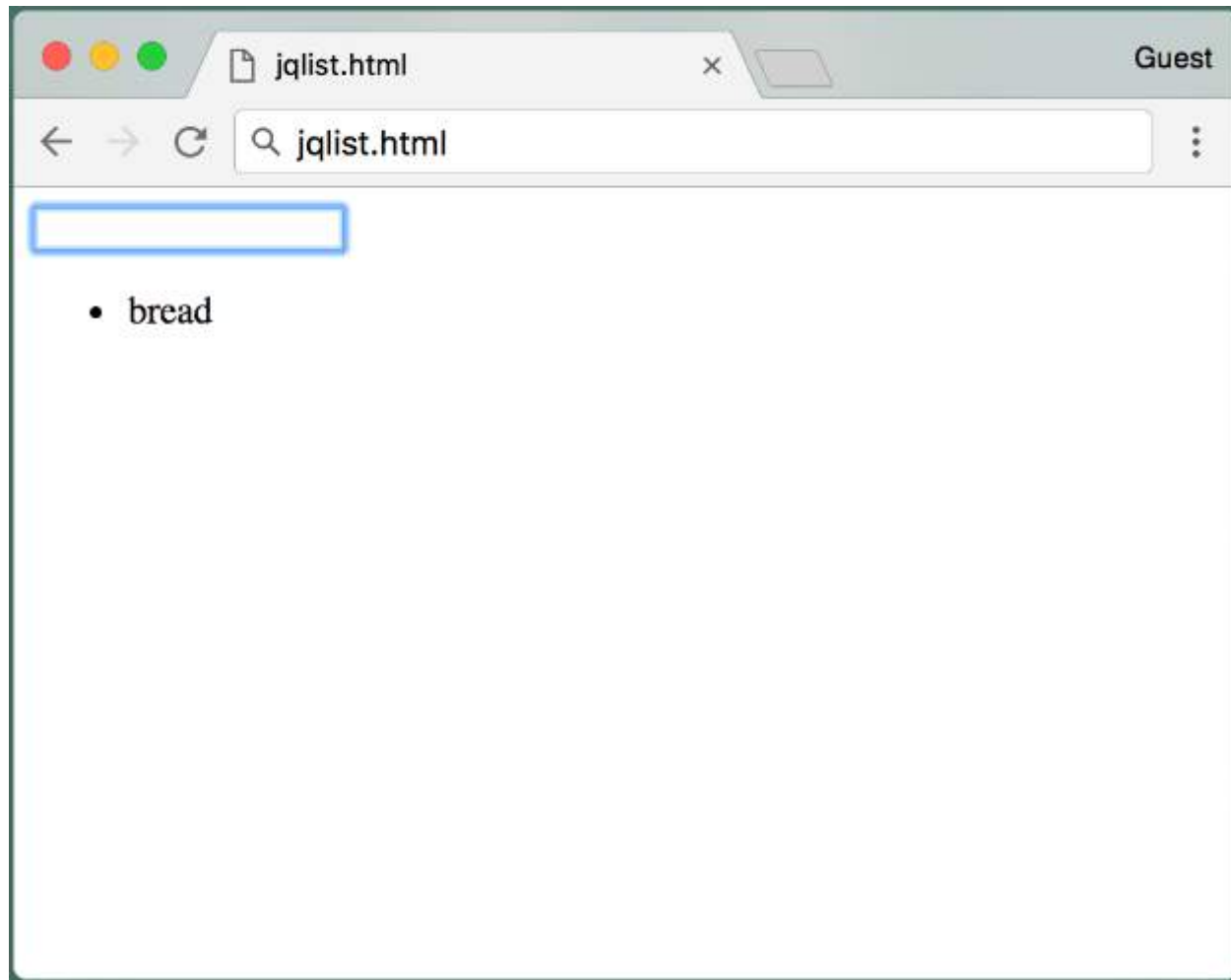
function clickHandler() {
    clicks++;
    var numClicksSpan = $('#numClicks');
    if (clicks == 1)
        numClicksSpan.html('once');
    else
        numClicksSpan.html(clicks + ' times');
}

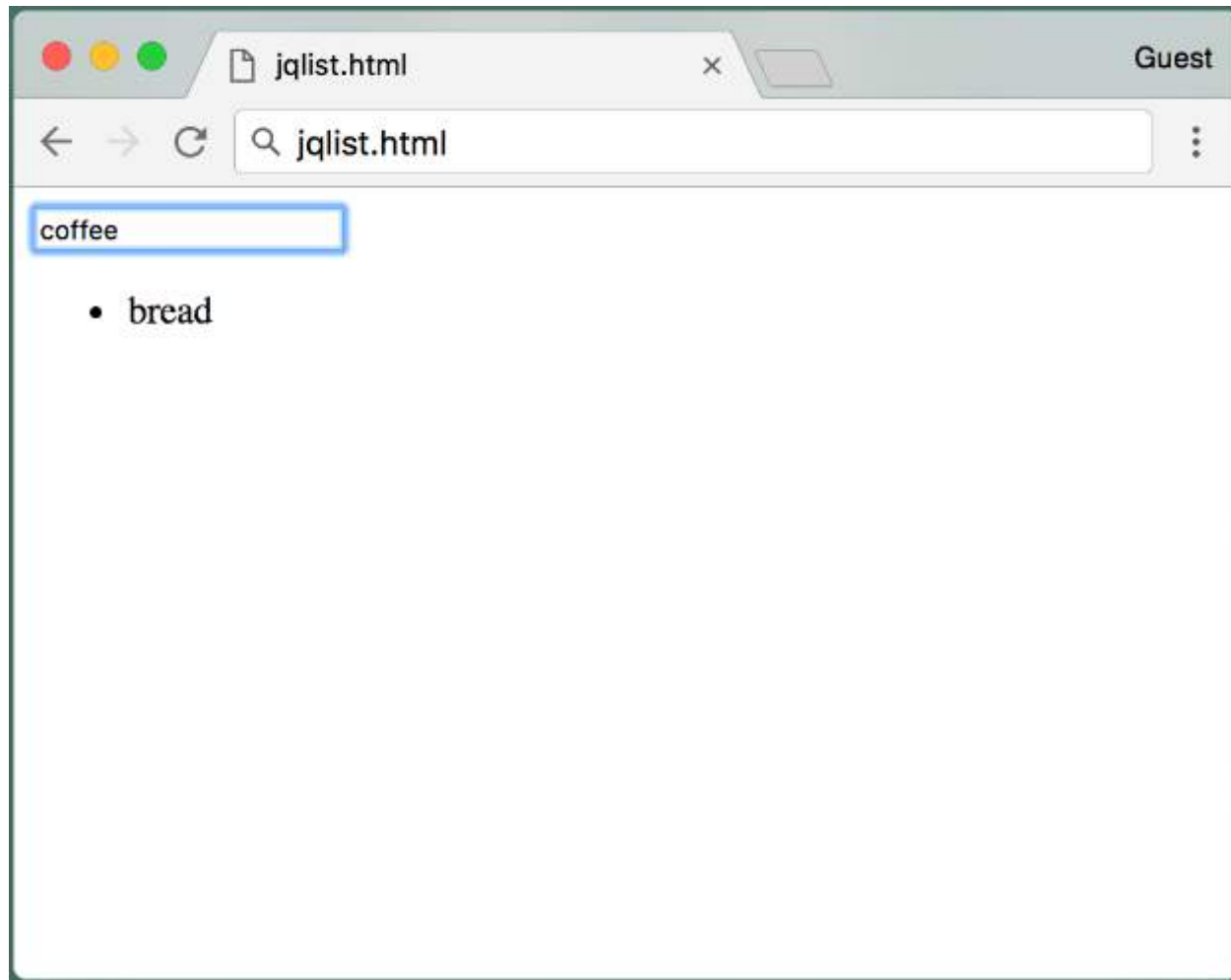
$('#clickMe').click(clickHandler);

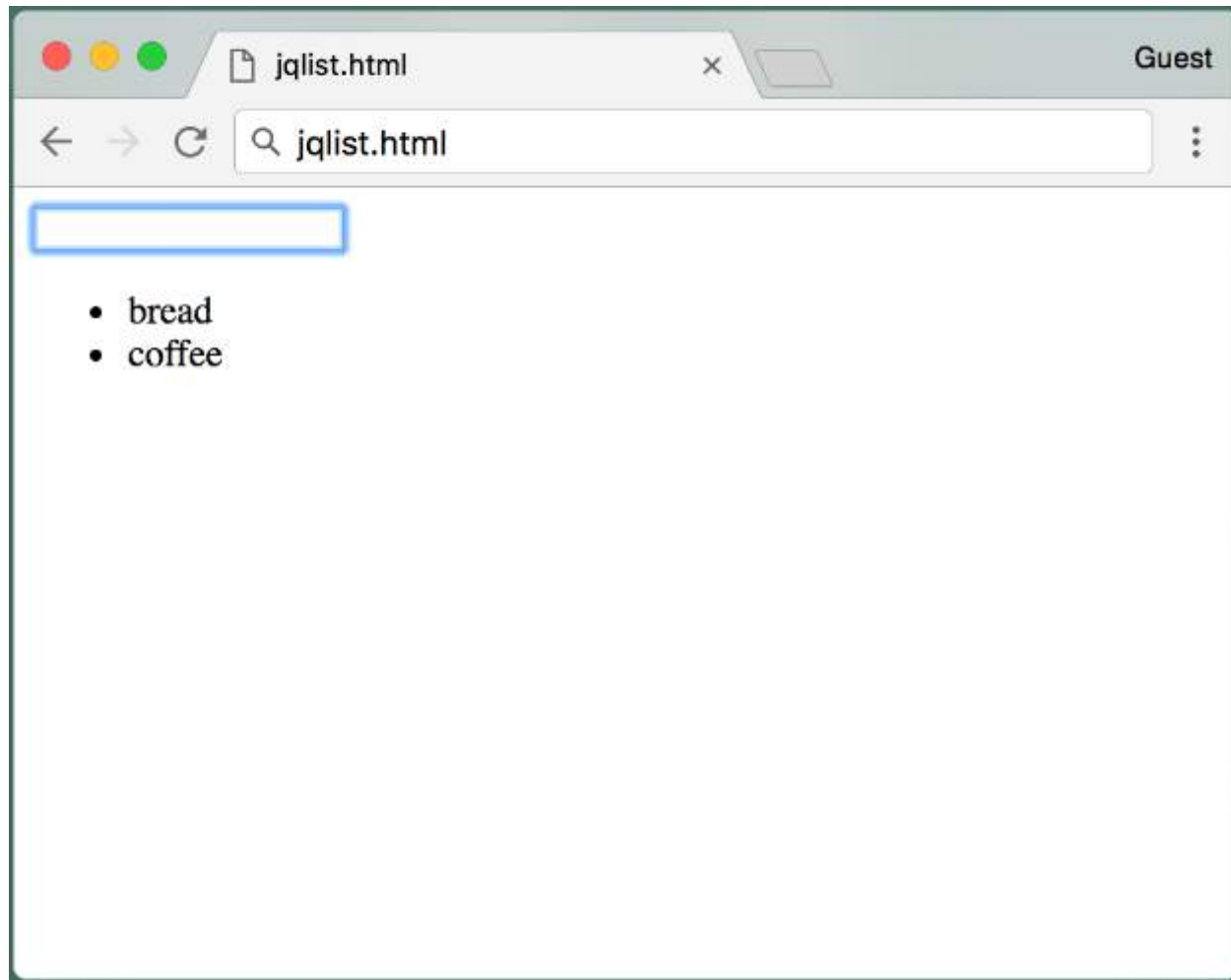
</script>

</body>
</html>
```










```
<html>
<head><script src="jquery.js"></script></head>

<body>
<input id="itemField"></input>
<p>

<ul>
<span id="list"></span>
</ul>

<script>
function keyPressHandler(e) {
    if (e.keyCode == 13) {
        $('#list').append('<li>' + $('#itemField').val() + '</li>');
        $('#itemField').val('');
    }
}

$('#itemField').keyup(keyPressHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>

<body>
<input id="itemField"></input>
<p>

<ul>
<span id="list"></span>
</ul>

<script>
function keyPressHandler(e) {
    if (e.keyCode == 13) {
        $('#list').append('<li>' + $('#itemField').val() + '</li>');
        $('#itemField').val('');
    }
}

$('#itemField').keyup(keyPressHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>

<body>
<input id="itemField"></input>
<p>

<ul>
<span id="list"></span>
</ul>

<script>
function keyPressHandler(e) {
    if (e.keyCode == 13) {
        $('#list').append('<li>' + $('#itemField').val() + '</li>');
        $('#itemField').val('');
    }
}

$('#itemField').keyup(keyPressHandler);

</script>

</body>
</html>
```

```

<html>
<head><script src="jquery.js"></script></head>

<body>
<input id="itemField"></input>
<p>

<ul>
<span id="list"></span>
</ul>

<script>
function keyPressHandler(e) {
    if (e.keyCode == 13) {
        $('#list').append('<li>' + $('#itemField').val() + '</li>');
        $('#itemField').val('');
    }
}

$('#itemField').keyup(keyPressHandler);

</script>

</body>
</html>

```

```
<html>
<head><script src="jquery.js"></script></head>

<body>
<input id="itemField"></input>
<p>

<ul>
<span id="list"></span>
</ul>

<script>
function keyPressHandler(e) {
    if (e.keyCode == 13) {
        $('#list').append('<li>' + $('#itemField').val() + '</li>');
        $('#itemField').val('');
    }
}

$('#itemField').keyup(keyPressHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>

<body>
<input id="itemField"></input>
<p>

<ul>
<span id="list"></span>
</ul>

<script>
function keyPressHandler(e) {
    if (e.keyCode == 13) {
        $('#list').append('<li>' + $('#itemField').val() + '</li>');
        $('#itemField').val('');
    }
}

$('#itemField').keyup(keyPressHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>

<body>
<input id="itemField"></input>
<p>

<ul>
<span id="list"></span>
</ul>

<script>
function keyPressHandler(e) {
    if (e.keyCode == 13) {
        $('#list').append('<li>' + $('#itemField').val() + '</li>');
        $('#itemField').val('');
    }
}

$('#itemField').keyup(keyPressHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>

<body>
<input id="itemField"></input>
<p>

<ul>
<span id="list"></span>
</ul>

<script>
function keyPressHandler(e) {
  if (e.keyCode == 13) {
    $('#list').append('<li>' + $('#itemField').val() + '</li>');
    $('#itemField').val('');
  }
}

$('#itemField').keyup(keyPressHandler);

</script>

</body>
</html>
```



```
<html>
<head><script src="jquery.js"></script></head>

<body>
<input id="itemField"></input>
<p>

<ul>
<span id="list"></span>
</ul>

<script>
function keyPressHandler(e) {
    if (e.keyCode == 13) {
        $('#list').append('<li>' + $('#itemField').val() + '</li>');
        $('#itemField').val('');
    }
}

$('#itemField').keyup(keyPressHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>

<body>
<input id="itemField"></input>
<p>

<ul>
<span id="list"></span>
</ul>

<script>
function keyPressHandler(e) {
    if (e.keyCode == 13) {
        $('#list').append('<li>' + $('#itemField').val() + '</li>');
        $('#itemField').val('');
    }
}

$('#itemField').keyup(keyPressHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>

<body>
<input id="itemField"></input>
<p>

<ul>
<span id="list"></span>
</ul>

<script>
function keyPressHandler(e) {
    if (e.keyCode == 13) {
        $('#list').append('<li>' + $('#itemField').val() + '</li>');
        $('#itemField').val('');
    }
}

$('#itemField').keyup(keyPressHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>

<body>
<input id="itemField"></input>
<p>

<ul>
<span id="list"></span>
</ul>

<script>
function keyPressHandler(e) {
    if (e.keyCode == 13) {
        $('#list').append('<li>' + $('#itemField').val() + '</li>');
        $('#itemField').val('');
    }
}

$('#itemField').keyup(keyPressHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>

<body>
<input id="itemField"></input>
<p>

<ul>
<span id="list"></span>
</ul>

<script>
function keyPressHandler(e) {
    if (e.keyCode == 13) {
        $('#list').append('<li>' + $('#itemField').val() + '</li>');
        $('#itemField').val('');
    }
}

$('#itemField').keyup(keyPressHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>

<body>
<input id="itemField"></input>
<p>

<ul>
<span id="list"></span>
</ul>

<script>
function keyPressHandler(e) {
    if (e.keyCode == 13) {
        $('#list').append('<li>' + $('#itemField').val() + '</li>');
        $('#itemField').val('');
    }
}

$('#itemField').keyup(keyPressHandler);

</script>

</body>
</html>
```

```
<html>
<head><script src="jquery.js"></script></head>

<body>
<input id="itemField"></input>
<p>

<ul>
<span id="list"></span>
</ul>

<script>
function keyPressHandler(e) {
    if (e.keyCode == 13) {
        $('#list').append('<li>' + $('#itemField').val() + '</li>');
        $('#itemField').val('');
    }
}

$('#itemField').keyup(keyPressHandler);

</script>

</body>
</html>
```

```

<html>
<head><script src="jquery.js"></script></head>

<body>
<input id="itemField"></input>
<p>

<ul>
<span id="list"></span>
</ul>

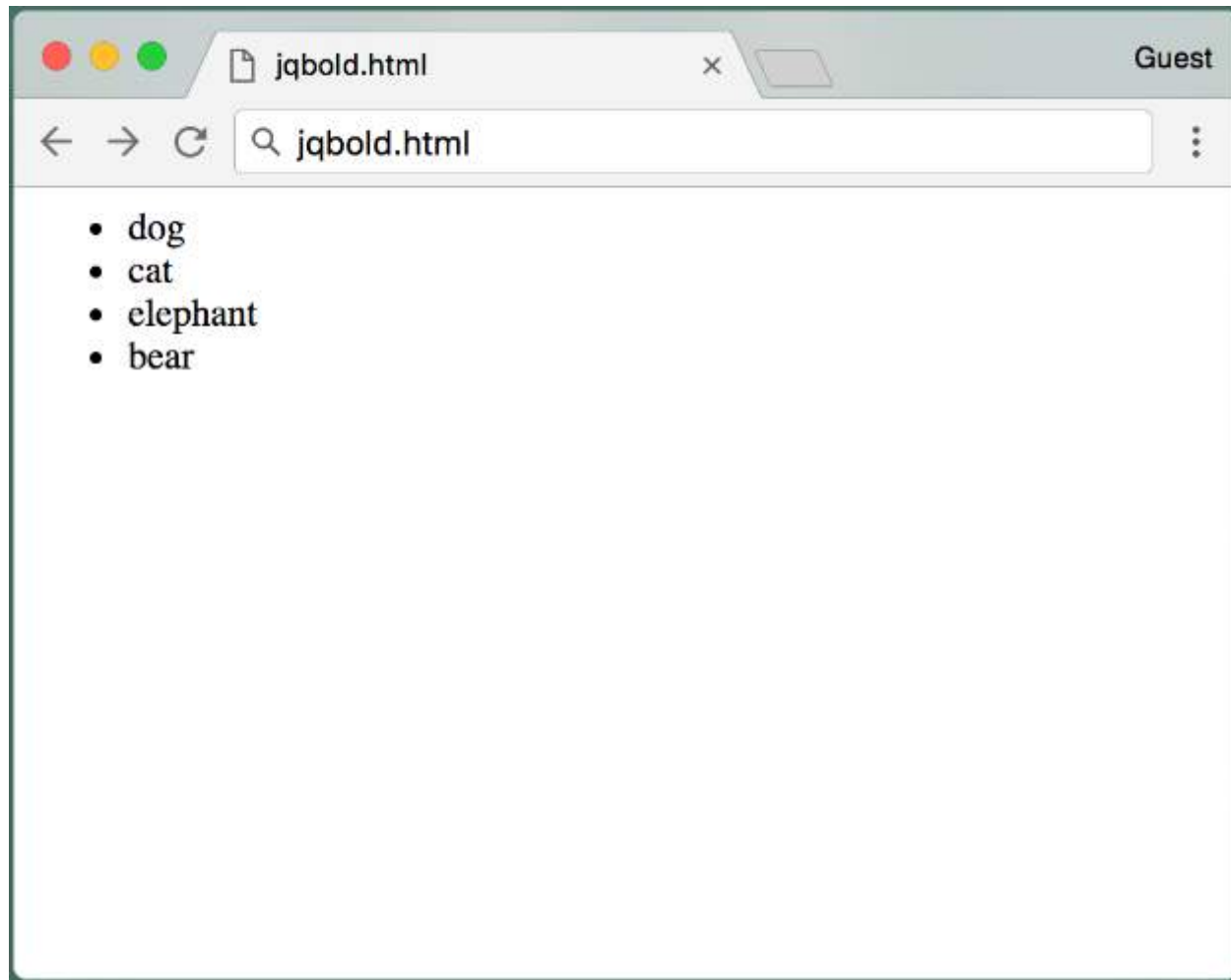
<script>
function keyPressHandler(e) {
    if (e.keyCode == 13) {
        $('#list').append('<li>' + $('#itemField').val() + '</li>');
        $('#itemField').val('');
    }
}

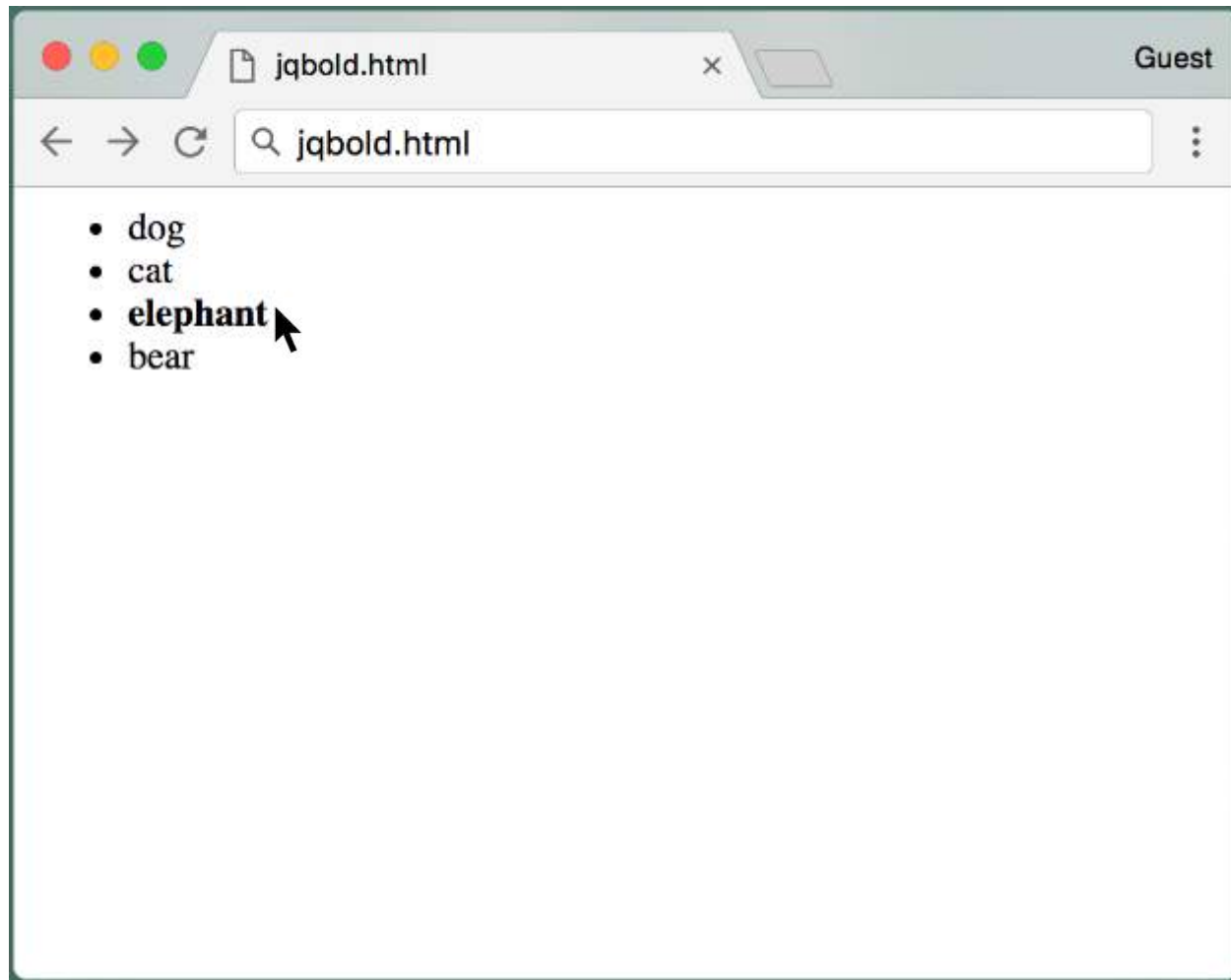
$('#itemField').keyup(keyPressHandler);

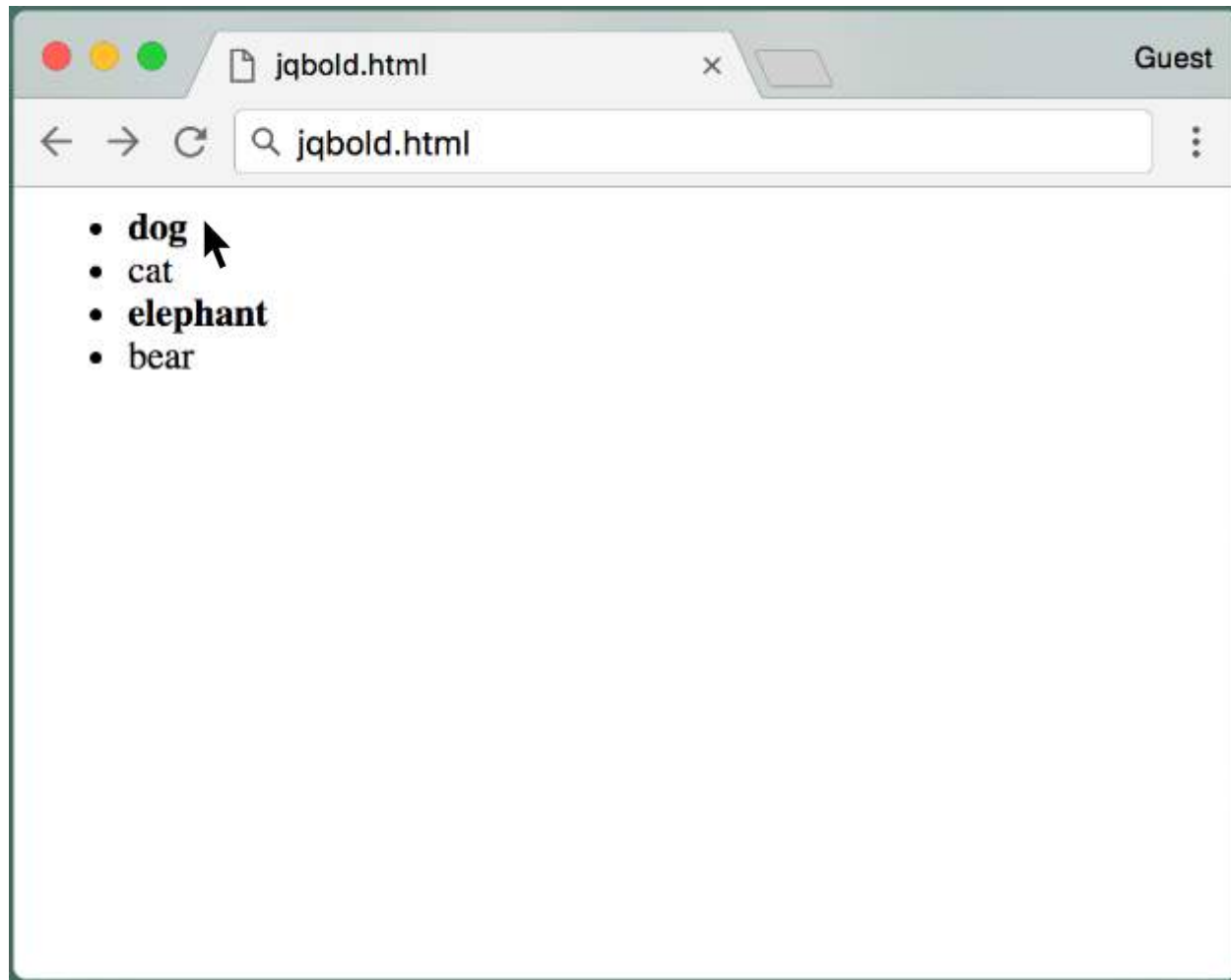
</script>

</body>
</html>

```





```
<html>

<head><script src="jquery.js"></script></head>

<body>

<ul>
<li>dog</li>
<li>cat</li>
<li>elephant</li>
<li>bear</li>
</ul>

<script>

$('li').click(function() {
    $(this).css('font-weight', 'bold');
});

</script>

</body>
</html>
```

```
<html>

<head><script src="jquery.js"></script></head>

<body>

<ul>
<li>dog</li>
<li>cat</li>
<li>elephant</li>
<li>bear</li>
</ul>

<script>

$('li').click(function() {
    $(this).css('font-weight', 'bold');
});

</script>

</body>
</html>
```

```
<html>

<head><script src="jquery.js"></script></head>

<body>

<ul>
<li>dog</li>
<li>cat</li>
<li>elephant</li>
<li>bear</li>
</ul>

<script>

$('li').click(function() {
    $(this).css('font-weight', 'bold');
});

</script>

</body>
</html>
```

```
<html>

<head><script src="jquery.js"></script></head>

<body>

<ul>
<li>dog</li>
<li>cat</li>
<li>elephant</li>
<li>bear</li>
</ul>

<script>

$('li').click(function() {
    $(this).css('font-weight', 'bold');
});

</script>

</body>
</html>
```

```
<html>

<head><script src="jquery.js"></script></head>

<body>

<ul>
<li>dog</li>
<li>cat</li>
<li>elephant</li>
<li>bear</li>
</ul>

<script>

$('li').click(function() {
    $(this).css('font-weight', 'bold');
});

</script>

</body>
</html>
```



```
<html>

<head><script src="jquery.js"></script></head>

<body>

<ul>
<li>dog</li>
<li>cat</li>
<li>elephant</li>
<li>bear</li>
</ul>

<script>

$('li').click(function() {
    $(this).css('font-weight', 'bold');
});

</script>

</body>
</html>
```

```
<html>

<head><script src="jquery.js"></script></head>

<body>

<ul>
<li>dog</li>
<li>cat</li>
<li>elephant</li>
<li>bear</li>
</ul>

<script>

$('li').click(function() {
    $(this).css('font-weight', 'bold');
});

</script>

</body>
</html>
```

```
<html>

<head><script src="jquery.js"></script></head>

<body>

<ul>
<li>dog</li>
<li>cat</li>
<li>elephant</li>
<li>bear</li>
</ul>

<script>

$('li').click(function() {
    $(this).css('font-weight', 'bold');
});

</script>

</body>
</html>
```

```
<html>

<head><script src="jquery.js"></script></head>

<body>

<ul>
<li>dog</li>
<li>cat</li>
<li>elephant</li>
<li>bear</li>
</ul>

<script>

$('li').click(function() {
    $(this).css('font-weight', 'bold');
});

</script>

</body>
</html>
```

```
<html>

<head><script src="jquery.js"></script></head>

<body>

<ul>
<li>dog</li>
<li>cat</li>
<li>elephant</li>
<li>bear</li>
</ul>

<script>

$('li').click(function() {
    $(this).css('font-weight', 'bold');
});

</script>

</body>
</html>
```

Summary

- jQuery is a powerful library that allows us to select DOM elements using CSS notation
- We can then modify their content and appearance programmatically
- We can also register event listeners for different elements