

jQuery, events, and images

DOM review

Document Object Model

```
<html>
  <div id="nyan">nyan</div>
  <script>

    var div = document.getElementById('nyan');

  </script>
</html>
```

```
<html>
  <div id="nyan">nyan</div>
  <script>

    var div = document.getElementById('nyan');
    div.addEventListener('click', function() {
      // The code here will run on click
    }, false);

  </script>
</html>
```

```
<html>
  <div id="nyan">nyan</div>
  <script>

    var div = document.getElementById('nyan');
    div.addEventListener('click', function() {
      div.innerHTML = 'cat!';
    }, false);

  </script>
</html>
```

```
<html>
  <div id="nyan">nyan</div>
  <script>

    var div = document.getElementById('nyan');
    div.addEventListener('click', function() {
      div.innerHTML = '';
    }, false);

  </script>
</html>
```

jQuery


```
<html>
  <div id="nyan">nyan</div>
  <script src="jquery-1.11.0.js"></script>
  <script>

    var div = document.getElementById('nyan');
    div.addEventListener('click', function() {
      div.innerHTML = '';
    }, false);

  </script>
</html>
```

```
<html>
  <div id="nyan">nyan</div>
  <script src="jquery-1.11.0.js"></script>
  <script>

    var div = $('#nyan');
    div.addListener('click', function() {
      div.innerHTML = '';
    }, false);

  </script>
</html>
```

```
<html>
  <div id="nyan">nyan</div>
  <script src="jquery-1.11.0.js"></script>
  <script>

    var div = $('#nyan');
    div.click(function() {
      div.innerHTML = '';
    });

  </script>
</html>
```

```
<html>
  <div id="nyan">nyan</div>
  <script src="jquery-1.11.0.js"></script>
  <script>

    var div = $('#nyan');
    div.click(function() {
      div.html('');
    });

  </script>
</html>
```

```
// With just the DOM
var div = document.getElementById('nyan');
div.addEventListener('click', function() {
    div.innerHTML = '';
}, false);
```

```
// With jQuery
var div = $('#nyan');
div.click(function() {
    div.html('');
});
```

Images

```
<html>
  
  <script src="jquery-1.11.0.js"></script>
  <script>

    var img = $('#nyan');
    img.click(function() {

    });

  </script>
</html>
```

```
<html>
  
  <script src="jquery-1.11.0.js"></script>
  <script>

    var img = $('#nyan');
    img.click(function() {
      this.src = 'sunglasses.gif';
    });

  </script>
</html>
```



```
<html>
  
  <script src="jquery-1.11.0.js"></script>
  <script>

    var img = $('#nyan');
    var sunglasses = false;
    img.click(function() {
      sunglasses = !sunglasses;
      if (sunglasses) {
        this.src = 'sunglasses.gif';
      } else {
        this.src = 'nyan.gif';
      }
    });

  </script>
</html>
```