

Webontwikkeling 4

jQuery

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jQuery

- jQuery is a JavaScript Library
- which
 - greatly simplifies JavaScript programming
 - common tasks in less code
 - simplifies the selecting of elements
 - is cross-browser compatible

jQuery() function

- jQuery() or \$()
- \$('li.error')

\$

- `$('p').hide()`
 - hides all `<p>` elements
- `$('.test').hide()`
 - hides all elements with `class="test"`
- `$('#test').hide()`
 - hides the element with `id="test"`

Page ready

```
$(document).ready(function() {  
  
}
```

OR

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

jQuery

- jQuery is easy to learn
 - w3schools has a good starting tutorial
 - www.w3schools.com/jquery/default.asp

Callback function

- Each js function has a last optional parameter called the callback function
- the code in this function is executed when the other code fully ready

jQuery and AJAX

- is a technique for loading data into part of a page without having to refresh the entire page
- the data is often sent in a format called JSON (JavaScript Object Notation)

AJAX in jQuery

- `$.get (url [, data][, callback][, type])`
 - HTTP GET request for data
- `$.post (url [, data][, callback][, type])`
 - HTTP POST to update data on the server

AJAX in jQuery

- `$.getJSON (url [, data][, callback])`
 - Loads JSON data using a GET request
- `$.ajax ()`
 - This method is used to perform all requests
 - The above methods all use this under the hood

References

- JAVASCRIPT&JQUERY interactive front-end web development, Jon Duckett
- www.w3schools.com/jquery/default.asp