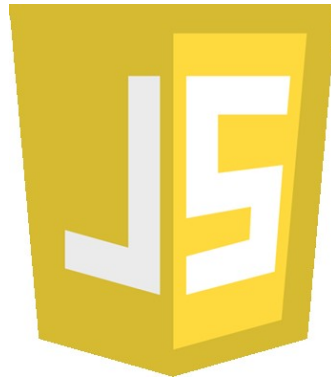

Javascript Training



Case 6: Ajax requests

Case 6

Ajax requests

- ▶ Ajax
- ▶ XMLHttpRequest
- ▶ JQuery
- ▶ Get, Post

Case 6

Ajax requests

Ajax

- ▶ Asynchronous JavaScript and XML
- ▶ Dynamisch
- ▶ Geen refresh nodig
- ▶ JSON



Case 6

Ajax requests

XMLHttpRequest

```
var request = new XMLHttpRequest();

request.onreadystatechange = function() {
    if (request.readyState == 4 && request.status == 200)
    {
        document.getElementById("page").innerHTML = request.responseText;
    }
};

request.open("GET", "test.html", true);
request.send();
```

Case 6

Ajax requests

XMLHttpRequest

► ReadyState

- 0: request not initialized
- 1: server connection established
- 2: request received
- 3: processing request
- 4: request finished and response is ready

► Status

- 200: "OK"
- 404: Page not found

Case 6

Ajax requests

Jquery load

```
$('#page').load("todoPage.html", function() {  
    // succescallback  
});
```

```
$("#page").load("todoPage.html", function(responseText, statusText, xhr)  
{  
    if(statusText == "success")  
        alert("Successfully loaded the content!");  
    if(statusText == "error")  
        alert("An error occurred: " + xhr.status + " - " + xhr.statusText);  
});
```

Case 6

Ajax requests

Ajax get

```
$.ajax({
    dataType: "json",
    url: url,
    data: data,
    success: success
})

$.getJSON( url, function( data ) {
    // doe iets met data
});

$.getJSON( url )
    .done(function(data){
        // doe iets met data
    })
    .fail(function(){

    });
```

Case 6

Ajax requests

Ajax post

```
$.ajax({  
    type: "POST",  
    url: url,  
    data: data,  
    success: success,  
    dataType: dataType  
});  
  
$.ajax(url, {  
    data: todo,  
    method: 'POST',  
    dataType: 'json'  
}).done(successCallback).fail(failCallback);
```