Scripting & Coding - 5

FH Joanneum, 12. April 2018
#jpr16sc
https://github.com/PeterTheOne/scripting-und-coding-lv-fh-joanneum

Ablauf der heutigen LV

1. Warum Coden lernen?
2. Wiederholung
3. Javascript
   a. Schleifen
   b. Objekte (Dictionary)
   c. show & hide (jQuery)
   d. addClass & removeClass (jQuery)
   e. Functionen
   f. On click (jQuery)

Warum Coden lernen?

Wiederholung

- [Vergleiche](#)
- [If, Else, Else If](#)
- [Boolesche Logik: Logisches Und, Logisches Oder](#)
- [Arrays (Listen)](#)
- [.append(), .remove() (jQuery)](#)

Schleifen

https://codepen.io/PeterTheOne/pen/PRLmWa?editors=1010

Schleifen

```javascript
//$("#list").append("<li>" + books[0] + "</li>");

//$("#list").append("<li>" + books[1] + "</li>");

//$("#list").append("<li>" + books[2] + "</li>");



for (var i = 0; i < books.length; i++) {

  $("#list").append("<li>" + books[i] + "</li>");

}
```

Objekte (Dictionary / JSON)

https://codepen.io/PeterTheOne/pen/zWbwjK?editors=1010

Objekte (Dictionary / JSON)

var car = { doors: 5, wheels: 4, passengers: ["hans"] }; // object

console.log(car);

console.log(car.wheels);

console.log(car.passengers);

JSON

https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Objects/JSON

https://de.wikipedia.org/wiki/JavaScript_Object_Notation

https://petertheone.github.io/bpw16-vis/

https://neuwal.github.io/barometer/

http://feinstaub-graz.at/

show, hide (jQuery)

https://codepen.io/PeterTheOne/pen/MVRobe?editors=1010

show, hide (jQuery)

```
$('#navy').hide();

$('.round').hide();

$('.fontsizes').show();
```

Add / remove Class (jQuery)

https://codepen.io/PeterTheOne/pen/PRgjJv

Add / remove Class (jQuery)

```
$('#navy').addClass('round');

$('.fontsizes').removeClass('fontsizes');
```

on click (jQuery)

https://codepen.io/PeterTheOne/pen/bvJrwB?editors=1010

on click (jQuery)

```
$('#clickme').on('click', function() {

  $('#welcome').text("Welcome!");

});
```