

MakeIT Work

Frontend Web Development

The House Analogy

HTML is the skeleton and the walls.

CSS is the colors and paintings.

Javascript is the switch that turns on & off light.

Document Object Model (DOM)

Building analogy:

HTML is like the skeleton.

CSS is the colors, paintings and styles.

Javascript is like the switch that turns on the lights.

Document Object Model (DOM)

Some global objects:

- `window`
- `document`

Some useful methods:

- `document.getElementById()` or `document.querySelector()`
- `document.createElement()`

Types

- String()
- Number()
- Boolean()
- Array()
- Object()
- Function()
- RegExp()
- Date()
- Error()

Build-in Types

- null
- undefined
- boolean
- number
- string
- object

This & Object Prototype

What is **this**

What is **prototype**

Scope & Closures

[Closures - MDN](#)

XMLHttpRequest (XHR)

Put simply, it is a way to request new data from the server without refreshing the page.

Lets code!

Assignments 1

- Create a `<div>` that changes background color on a button click.
- Manipulate elements text, class and style.
- Create a list of element according to list of data.

Assignment 2

- Make a reusable AJAX function.
- Try GET, POST, PUT and DELETE.
- Find a library for AJAX.

Assignment ToDo App

- Get the data from the API.
- Render the data.
- Add necessary actions.