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WORLD
SEMINAR
2015
PORTO



BUILD YOUR FIRST PERSONAL PAGE

Quick Start!

HELLO!

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- You can find me:
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ANATOMY OF AN URL (LINK)

http(s)://



Hyper-text transfer protocol

www.something.com



Domain name

Is always translated to an IP(127.0.0.1)

/index.html



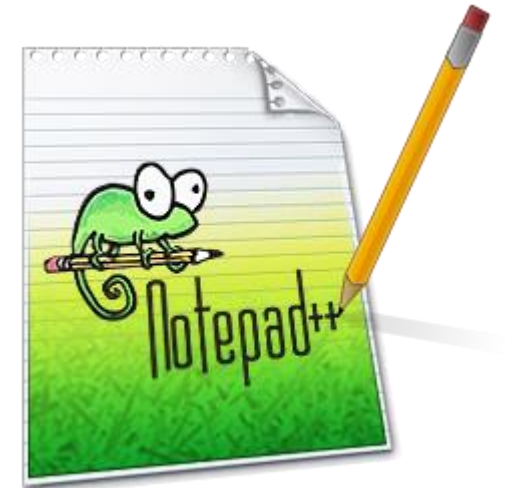
Specific webpage

WHERE CAN I PUT MY SITE?

- You will need to store your website to be public available. For this you will need a server.
- You can pay for it...
- Build your own server...
- Get it for (almost) free!
- GitHub Pages (<https://pages.github.com/>)
 - You will need to know a little bit of *git*.
- 000webhost (<http://www.000webhost.com/>)
 - You will get some ads.
- Some ways to get a website up using *Dropbox* (<http://www.maketecheasier.com/4-ways-to-host-your-website-on-dropbox/>)
- Some universities provide the service for free.

TOOLS

- Anything that can edit text
 - Notepad on Windows
 - Gedit on Linux
- Something more advanced like:
 - Notepad++
 - Sublime Text
 - Adobe Brackets
- This tools will give you syntax highlighting that is really useful to write and read code.



BASIC FILE STRUCTURE



Example

- /site_folder
- index.html
- style.css
- script.js

HTML

*“HyperText Markup Language commonly referred to as **HTML** is the standard markup language used to create web pages. It is written in the form of **HTML** elements consisting of tags enclosed in angle brackets (like `<html>`)”*

in Wikipedia

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <meta charset="UTF-8">
5 <title>
6   My personal page!
7 </title>
8 <!-- Connect to CSS Style file -->
9 <link rel="stylesheet" type="text/css" href="style.css">
10 </head>
11 <body>
12   <!-- Page Content -->
13 </body>
14 <script src="script.js"></script>
15 </html>
```

CSS

*“Cascading Style Sheets (**CSS**) is a style sheet language used for describing the look and formatting of a document written in a markup language.”*

in Wikipedia

```
1  body {  
2      background-color: #e74c3c;  
3  }  
4  
5  h1 {  
6      color: blue;  
7  }  
8  
9  p {  
10     text-align: justify;  
11 }
```


JAVASCRIPT

“JavaScript is a popular programming language that's built into all the major web browsers and used to make web pages interactive.”

in about.com

```
1 function myFunction() {  
2     alert("I am an alert box!");  
3 }
```

HANDS ON!

- Let's build something!



FREE RESOURCES

- Most of the times you don't need to start from scratch...

... you can find something you like

... and modify it the way you want to!

- **Start Bootstrap** *Free Bootstrap Themes & Templates*
 - <http://startbootstrap.com/>
- **Templated**
 - <http://templated.co/>
- **Google for it! :D**
 - You will find a lot more.

FINAL REMARKS

- By the end of this workshop you should now have:
 - More enthusiasm to build your own page
 - The basic tools and concepts
 - Knowledge of the resources available online
- The web is a wonderful place and you can contribute to it!

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