WRM Webmaster Guide

# Introduction

Whether or not you attended the webmaster skill session, you should look through this document because it has important information about how to handle the html for the website. I didn’t actually go to the skill session, so I don’t know what they teach you. I made the website according to industry standards. This ensures that the website is easy to understand and it is more educational for whoever edits it.

# Basic Stuff

HTML stands for Hypertext Markup Language. All this means is it tells a browser how to display information. Html is NOT a coding language. JavaScript and PHP are coding languages that are widely used alongside html, but for our purposes we don’t need it. Bootstrap uses JavaScript, but we never need to touch or see that code. All the work is done for us.

Stuff in html is

# Chrome Developer Console

# Text Editing

# Tags

# Standards

When editing the html of the website, please comment your changes by using the <!-- --> tags. It’s normally not necessary to have such detailed comments in anything, but for our purposes it is; future webmasters, who may or may not have html or coding experience, will have to look at the documents and be able to understand what it means. For this reason, please explain things well.

For the structure of a website, it is standard to have a format like this:

* Website folder
  + index.html (this is the file that is automatically loaded when someone goes to the site)
  + other pages in .html format
  + img (folder)
    - almost all your images should be stored in here
    - For more organization, you can have a more specific folder in here (for example, the team\_members folder in our website
  + css (folder)
    - styles.css (this file is a stylesheet that contains styling for elements in the html. It is standard to never include css in the html file, and keep it in a separate file.)
    - Any other stylesheets go in here, but we only need one
  + For more organization, you can group pages in folders, but for our site, we don’t have enough pages to justify that.

It is also normal to make files and folders all lowercase, and words separated by an underscore. You can see this in practice in all the files and folders already existing in the website.

For html, and coding languages and other related text files, it is standard to not let your lines be really long. This is all done with the goal to make the text more readable. You will notice in the html files that some lines are broken onto the next line manually. When a browser reads html, it doesn’t matter how many extra spaces and carriage returns you have; it will ignore the extra space. Because of this, use extra space to make stuff easier to read. Break really long lines around the same length as the rest of the document.

# Bootstrap

The website is built using Bootstrap. Bootstrap is a library of javascript and css that helps make it easy to layout websites and make them responsive. Responsive means the website responds to the user’s device; if it’s a small screen things will scale or rearrange to make themselves more readable on that screen.

For all the Bootstrap I used in making the website, I commented it fairly well. If there is a class you don’t know about, it’s very easy to learn about it by googling. I also highly suggest looking at Bootstrap’s documentation:

<http://getbootstrap.com/examples/theme/>

<http://getbootstrap.com/components/>

These show examples of all the things in Bootstrap in use, and shows the html as well.