

Sheet 3: Productivity Tools

Creativity Through Code

2015-10-30

Abstract

We will be expanding on website design by using one of the most used front end framework – **Bootstrap**

1 Introduction

Bootstrap is a free and open-source collection of tools for creating websites and web applications. You can use bootstrap to build beautiful websites that are responsive – the layout of web pages adjusts dynamically, taking into account the characteristics of the device used.

2 Grids

2.1 Syntax

| Class | Defintion |
|-------|-----------------|
| .xs | Phones |
| .sm | Tablets |
| .md | Desktops |
| .lg | Larger Desktops |

To begin a row: `<div class = "row"></div>`

To begin a column: `<div class = "col-CLASS-SIZE"></div>`

NB: The sizes represent the proportion of the cells and must add to 12

2.2 Example

```
<div class = "row">
  <div class = "col-md-1">.col-md-1</div>
  <div class = "col-md-2">.col-md-2</div>
  <div class = "col-md-3">.col-md-3</div>
  <div class = "col-md-4">.col-md-4</div>
  <div class = "col-md-2">.col-md-2</div>
</div>
```

| | | | | |
|-----------|-----------|-----------|-----------|-----------|
| .col-md-1 | .col-md-2 | .col-md-3 | .col-md-4 | .col-md-2 |
|-----------|-----------|-----------|-----------|-----------|