

Web Skills

Day 3

Bootstrap

- Bootstrap is a web framework designed for creating websites and applications.
- <http://www.repostage.com/>

Bootstrap Framework

- What is a framework?

Bootstrap

- It started off as an internal project at Twitter and is now open source(AKA Twitter Bootstrap)

Bootstrap

- Its designed to be mobile first which means that sites built with it scale nicely to different sized screens.
- <http://expo.getbootstrap.com/>

Bootstrap

- getbootstrap.com

Bootstrap

How to get it:

- Link to Content Delivery Network(CDN)

<http://getbootstrap.com/getting-started/>

Bootstrap

How to get it:

- Download it

<http://getbootstrap.com/getting-started/>

Bootstrap

Required:

- Make sure you include `<!DOCTYPE html>`, must be the first line of the file

Bootstrap

Bootstrap is themable:

- <http://bootswatch.com>
- <https://wrapbootstrap.com>
- <http://startbootstrap.com>
- <http://bootstrapzero.com>

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Have a look around, find a theme you like and load it up in Brackets

Bootstrap

The Grid System:

<http://mhellar.github.io/bootstrap-grid/>

- Bootstrap's grid system allows you to have 12 columns across the page.
- Basically how it works is to imagine the screen divided into 12 equal units
- If you don't want to use all 12 units individually, you can group some of the units together to form wider columns
- For example to have 2 columns across a page you would have three groups of four units each.. If you want content spread across 2 columns set it up as two groups of 6 units each..
- Bootstrap is able to tell the screen size and re-arrange the columns accordingly
- When you set up your columns you assign them a class. The class suffix tells Bootstrap how many units to consume.
- For instance, the class `.col-sm-6` will tell Bootstrap to use 6 units. Six is the suffix.
- The prefix tells how to arrange the columns on a device.

Bootstrap

Glyphicons

<http://mhellar.github.io/listofavailableglyphicons.htm>

```
<span class="glyphicon glyphicon-name"></span>
```

Bootstrap

Even more icons:

<http://fontawesome.github.io/Font-Awesome/get-started/>

<http://glyphicons.com/examples-of-use/>

Bootstrap

- Jumbotron

- Oversized element that is meant to be a focal point on your website

Bootstrap

-Images

[http://www.tutorialrepublic.com/codelab.php?
topic=bootstrap&file=image-styling](http://www.tutorialrepublic.com/codelab.php?topic=bootstrap&file=image-styling)

Bootstrap

<http://bootsnipp.com/>

<http://www.bootply.com/>

Bootstrap

<http://pingendo.com/>