

Bootstrap

What is Bootstrap

Bootstrap is a front-end framework.

Front-End: All files that are executed on the 'client' machine.
This includes: HTML, CSS, and JavaScript

Framework: The supporting structure of an application
It is built and maintained by Twitter.

Why use a framework?

- Rapid application development (You can build things faster)
- Work more efficiently with other developers
- Don't reinvent the wheel

What does Bootstrap give us?

- A grid system
- Great looking default styles
- JavaScript components: sliders, lightboxes, responsive navigation etc.
- CSS components: thumbnails, progress bars, alerts etc.

Exercise

1. Navigate over to <http://getbootstrap.com/getting-started/>
2. Download Bootstrap. (The compiled version, not the source code.)
3. Add an index.html file into the Bootstrap folder you just downloaded, and link the required css and js files.

Continued...

```
<!-- Source: http://getbootstrap.com/getting-started/ -->
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Bootstrap 101 Template</title>
    <!-- Bootstrap -->
    <link href="css/bootstrap.min.css" rel="stylesheet">
  </head>
  <body>
    <h1>Hello, world!</h1>

    <!-- jQuery (necessary for Bootstrap's JavaScript plugins) -->
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js">
    </script>
    <script src="js/bootstrap.min.js"></script>
  </body>
</html>
```

Exercise

You are now ready to start using Bootstrap!

See if you can set up a basic **three-column grid layout** using Bootstrap.

Instructions on using its grid system here:

<http://getbootstrap.com/css/#grid>

A note

Remember, Bootstrap is a framework, not a finished product. Take advantage of what it gives you and make it your own!

Navigate around all of Bootstrap's documentation here:

<http://getbootstrap.com/>