

BOOTSTRAP FRAMEWORK

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RM35OSP

ABOUT BOOTSTRAP

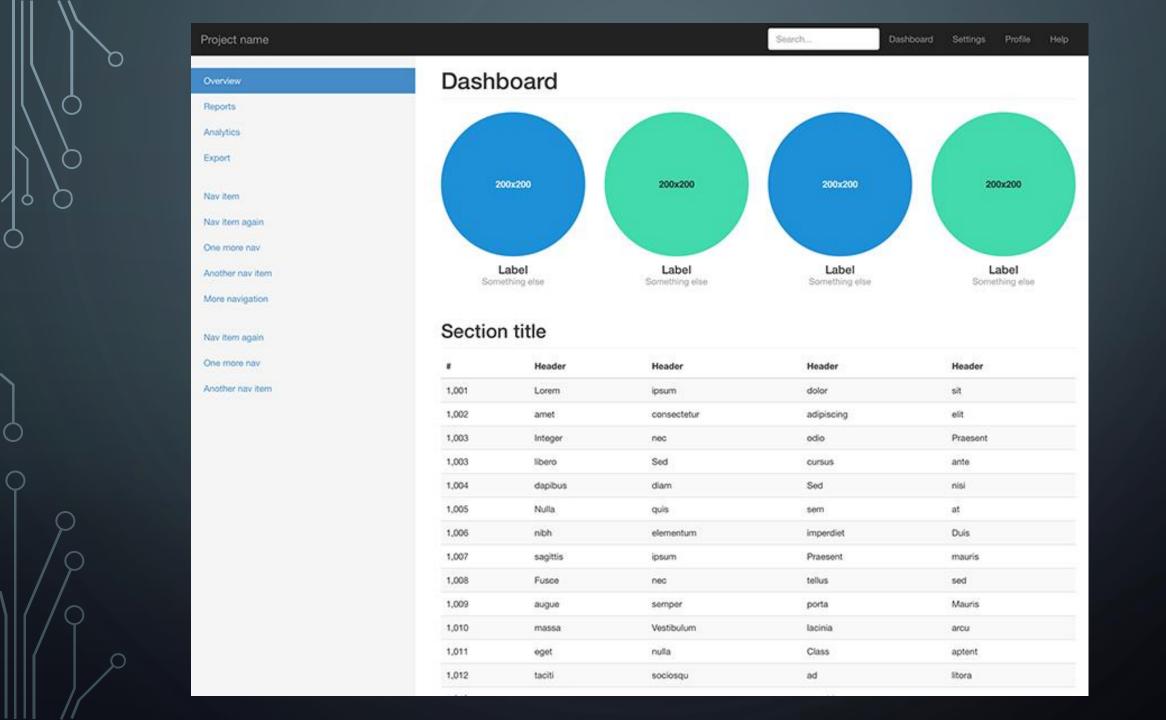
- Bootstrap is the HTML, CSS, and JS framework for developing responsive,
 mobile first projects on the web.
- Bootstrap is the most-starred project on <u>GitHub</u>, with over 93K stars and more than 40K forks.
- Bootstrap ships with vanilla CSS, but its source code utilizes the two most popular CSS preprocessors, <u>Less</u> and <u>Sass</u>.
- Aims to ease the development of <u>dynamic websites</u> and <u>web applications</u>.

HISTORY OF BOOTSTRAP

- Developed by Mark Otto and Jacob Thornton at <u>Twitter</u> as a framework to encourage consistency across internal tools (originally **Twitter Blueprint**).
- It was renamed to Bootstrap, and released as an open source project on August 19, 2011.
- The Bootstrap 3 release was announced on 19 August, 2013, moving to a mobile first approach and using a <u>flat design</u>.
- On October 29, 2014 was announced that Bootstrap 4 in development. The first alpha version of Bootstrap 4 was deployed on August 19, 2015.

FEATURES

- Bootstrap is compatible with the latest versions of the <u>Google</u>
 <u>Chrome</u>, <u>Firefox</u>, <u>Internet Explorer</u>, <u>Opera</u>, and <u>Safari</u> browsers.
- Since version 2.0 it also supports responsive web design.
- Starting with version 3.0, Bootstrap adopted a <u>mobile-first design</u> philosophy, emphasizing responsive design.
- The version 4.0 alpha release added **Sass** and **Flexbox** support.



PROJECT ORGANIZATION

- The issue tracker is the preferred channel for bug reports, features requests and submitting pull requests
- Bug tracker utilizes several labels to help organize and identify issues
 - browser bug, css, docs, feature, help wanted, ...
- <u>@twbs-rorschach</u> is a Bootstrap bot that hangs out in our GitHub issue tracker and automatically checks all pull requests for a few simple common mistakes.
- <u>@twbs-savage</u> is a Bootstrap bot that automatically runs cross-browser tests (via <u>Sauce</u> and Travis CI) on JavaScript pull requests.

MY CONTRIBUTION

- I will most likely to contribute to version 3, which is now in a state of maintenance, unless otherwise stated (by **Chris Rebert**)
- Improve accessibility for the carousel plugin
- Radio button btn-group checkedness doesn't get updated immediately
- And other small contributions if they need

