



Bootstrap is the most popular HTML, CSS, and JS framework for developing responsive, mobile first projects on the web.

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Bootstrap is a free and open-source collection of tools for creating websites and web applications. It contains HTML- and CSS-based design templates for typography, forms, buttons, navigation and other interface components, as well as optional JavaScript extensions. It aims to ease the development of dynamic websites and web applications.

Bootstrap is a front end framework, that is, an interface for the user, unlike the server-side code which resides on the "back end" or server.

Bootstrap is the most-starred project on GitHub, with over 88K+ stars and more than 37K+ forks.

Origin

Bootstrap, originally named Twitter Blueprint, was developed by Mark Otto and Jacob Thornton at Twitter as a framework to encourage consistency across internal tools. Before Bootstrap, various libraries were used for interface development, which led to inconsistencies and a high maintenance burden. According to Twitter developer Mark Otto:

"A super small group of developers and I got together to design and build a new internal tool and saw an opportunity to do something more. Through that process, we saw ourselves build something much more substantial than another internal tool. Months later, we ended up with an early version of Bootstrap as a way to document and share common design patterns and assets within the company."

After a few months of development by a small group, many developers at Twitter began to contribute to the project as a part of Hack Week, a hackathon-style week for the Twitter's development team. It was renamed from Twitter Blueprint to Bootstrap, and released as an open source project on August 19, 2011. It has continued to be maintained by Mark Otto, Jacob Thornton, and a small group of core developers, as well as a large community of contributors.

On January 31, 2012, Bootstrap 2 was announced. This release added the twelve-column grid layout and responsive design components, as well as changes to many of the existing components. The Bootstrap 3 release was announced on 19 August, 2013, moving to a mobile first approach and using a flat design.

On October 29, 2014, Mark Otto announced Bootstrap 4 is 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 Google Chrome, Firefox, Internet Explorer, Opera, and Safari browsers, although some of these browsers are not supported on all platforms.

Since version 2.0 it also supports responsive web design. This means the layout of web pages adjusts dynamically, taking into account the characteristics of the device used (desktop, tablet, mobile phone).

Starting with version 3.0, Bootstrap adopted a mobile first design philosophy, emphasizing responsive design by default.

The version 4.0 alpha release added Sass and Flexbox support.

Bootstrap is open source and available on GitHub. Developers are encouraged to participate in the project and make their own contributions to the platform.

[https://en.wikipedia.org/wiki/Bootstrap_\(front-end_framework\)](https://en.wikipedia.org/wiki/Bootstrap_(front-end_framework))