

# BOOTSTRAP IS A FREE SET OF TOOLS FOR CREATING WEBSITES AND WEB APPLICATIONS

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Bootstrap is one of the most popular tools that are used when creating websites and web applications. Bootstrap includes many components for websites: typography, web forms, buttons, navigation blocks and more. The release took place in 2011, then the second version came out in 2012, the third version in 2013, and finally the fourth version in 2013. Each version has significant changes. Bootstrap was originally called Twitter Blueprint, since it was created by Twitter. This is a great example of how a tool being developed for internal use is ultimately in demand worldwide. The founders of Bootstrap are Twitter employees Mark Otto and Jacob Thornton – as they developed, realized that the project could be more than just one of the company's internal tools. After the project was laid out in open access, many developers began to use it.

The Bootstrap framework has many advantages:

- Reducing the amount of time spent on development: traditionally, the use of frameworks and libraries greatly facilitates the work of developers and allows you to develop projects faster. Bootstrap provides ready-made solutions: their use allows you to reduce the time spent on creating a site layout.

- Adaptability: Bootstrap allows you to create responsive sites. The design of the site will be correctly displayed on the screens of devices of different sizes, regardless of their diagonal.

- Cross-browser compatibility: sites made using Bootstrap will be displayed equally in all modern browsers.

- Easy to use and quick to learn: Bootstrap is easy to use in development, easy to understand and those who are not familiar with Bootstrap can quickly learn how to work with this tool. And the matter is not only in its simplicity, but also in a huge number of lessons and instructions that can be found in the open spaces of the network.

- Unity of styles: elements of Bootstrap look harmonious among themselves and allow you to create pages and sites in the same style.

- A huge community of supporters / developers.

- A wide range of applications: Bootstrap is used to create themes for almost any CMS (Magento, Joomla, WordPress or any other), including one-page landing pages.

- Remarkable official documentation.

Bootstrap is a tool to quickly create a site from standard blocks. This is both its advantage and its disadvantage – you can quickly get a quality website, while losing originality. However, if a developer knows CSS and Bootstrap well, then he will be able to modify the building blocks and make the design different from other sites. Bootstrap is great for small projects where you need to quickly assemble a layout, but in general it is used on sites of various sizes: as of September 2018, 17.8% of sites on the network use Bootstrap (and their number is constantly growing).

## References:

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