

Bootstrap 3 and jQuery and bugs which are related with mobile version of websites

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Inroduction. Web-development is one of the most popular sphere in the world of IT. A lot of Front-End developers, who work on client`s part of websites, deal with a big amount of bugs. A lot of bugs are related with developing mobile version of websites.

Materials and methods. Programming language HTML and programming language Javascript and front-end framework Bootstrap 3 and front-end jQuery library were used to do research. IOS and Android devices were used to do this research.

Results and discussion. Front-end developers have problems very often with developing responsive design of web-pages using front-end framework Bootstrap 3 and front-end library jQuery. Seventy percent of web-sites use front-end JQuery library and very often these plug-ins don`t work correctly on mobile devices especially on Apple devices. When developers create websites using these technologies sometimes unexpected bugs appears. Some of bugs developers can notice only on real devices. To fix these bugs developers firstly have to define what the main problem is. Is this problem related with front-end framework Bootstrap 3 or with plug-ins of jQuery library? If this problem is related with Bootstrap 3 developer can try to make some changes in attributes in html or in CSS styles. If this problem is related with plug-ins of library jQuery developer can try to make some changes in plug-in settings. Developer has to be very attentive when he starts to fix bugs which are related with Bootstrap 3. Developer can try to change size of objects and try to change CSS settings. Also developers can try to find the way to fix these bugs in the Internet on the forums. Sometimes other developers leave information on the forums how to fix some issues. This way helps front-end developers very often because front-end framework Bootstrap 3 and jQuery library are very popular technologies and a lot of developers use these technologies. Apart from this, developer can change all design of web-page if other methods don`t help. Also they can find alternative components. The process of fixing these kind of bugs can take a lot of time. Because developer have to check result of changes only on Android or IOS devices. Developer has to upload changes and only then he can check result. It`s much easier to create mobile version of website without any bugs using Bootstrap and jQuery than write code on pure HTML, CSS, Javascript. Bootstrap 3 includes a lot of different instruments which developer can use to create responsive design of web-pages. Also jQuery library has plug-ins which are good to use for development responsive design. It`s incredibly big advantage because many clients need to use mobile version of their web-sites nowadays. Developers of framework Bootstrap support and improve this technology. Apart from it, developers of jQuery also update their library and improve work of some plug-ins.

Conclusions. When developers create web-sites using framework Bootstrap 3 and jQuery library they have to check how mobile version of website works. These technologies are quite powerful but sometimes mobile version of webpages doesn`t work correctly and developer have to work on it.

References

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