

An Interactive System for Web Testing through Selenium Web Driver and Web Page Downloading

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Abstract: *The deployment of source code is usually preceded by rigorous testing that needs to be performed to ensure that the source code is working as per the design requirements. Testing is highly useful as it can unearth the various problems and redundancy in the functioning of the source code. The testing currently is being performed through the use of Selenium WebDriver tool, which is a highly useful for automation of the testing approach. The test cases in this tool can be easily written and performed faster which can be highly useful in improving the testing efficiency. The main advantage of using the Selenium WebDriver for the testing procedure, is the fact that the tester does not need to fully understand it before using it, which makes this framework extremely user friendly. The proposed approach further enhances the testing paradigm by introducing an additional functionality for different kind of testing like automation testing, load testing and unit testing. Addition to this proposed system also deploys the auto download of the web pages for the given http URL to make the process of web page development easier for the beginners.*

Keywords: Selenium WebDriver, Unit testing, Automation testing and unit testing, Site crawler

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