

Research and application of automated testing tools in Web software testing

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Abstract: This topic aims to determine the necessity of using automated testing tools in the Web software testing process. The objective is to build an effective automated testing system that meets technical and economic requirements. The research method combines theory with experimentation to evaluate the performance of existing tools. The expected results will provide improved solutions for the Web software testing process, contributing to the sustainable development of the information technology industry.

Keywords: Automated Testing, Web Software, Testing Tools, Testing Process, Efficiency