

Универзитет Привредна академија у Новом Саду
University Business Academy in Novi Sad

Факултет за примењени менаџмент, економију и финансије Београд
Faculty of Applied Management, Economics and Finance Belgrade

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МЕЂУНАРОДНА НАУЧНО-СТРУЧНА КОНФЕРЕНЦИЈА

**INNOVATION AS AN INITIATOR
OF THE DEVELOPMENT**
ИНОВАЦИЈЕ КАО ПОКРЕТАЧ РАЗВОЈА

BOOK OF ABSTRACTS

ЗБОРНИК АПСТРАКАТА

INNOVATIONS

December 7th
Belgrade, 2023

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Automated software testing by using Python

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Abstract: People depend more and more in their daily lives on information and communication technologies (ICT)-based systems, which are growing in complexity and adoption. Software is a necessary component of daily life and is being used in more and more industries as a result of technological advancements. The correctness of software is one of its most crucial characteristics. In today's software development techniques, automated software testing is essential for improving procedures related to quality assurance, dependability, and efficiency. Python is a great option for automating a wide range of testing jobs, from unit testing to integration and regression testing, because of its rich libraries, simplicity, and versatility. Therefore, aim of this paper is to present automated software testing that is based on Python programming language.

Keywords: automation, software testing methods, Python, automated software testing.

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