Analysis and Comparison of the Spring Framework, Struts Framework, Vaadin Framework, and Play Framework Performance, Used to Create Web Applications in Java

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Abstract: *In an era of continual technical growth, accompanied by an increase in the speed of computers and the Internet, it is also vital to create methodologies and programming languages, as well as other mechanisms that assist programmers in their job. As a result, frameworks, or skeleton applications, were developed to streamline program authoring and unify the structure of multiple applications. This article aims to analyze and evaluate the performance of four prominent frameworks used to create a server element of a Java online application, namely the Spring Framework, Struts Framework, Vaadin Framework, and Play Framework.*

Keywords: Spring Framework, Play Framework, Vaadin Framework, Struts Framework web Framework Java.

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