Case Study on Current Java Frameworks and Software Development Methodology of Java Programming Language

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Abstract: *Java language is become very popular and research papers deal with improvement of the language or its run time behavior. In this paper I have discussed about the Development Methodologies and current frameworks in Java also demand in future of these frameworks. Quality along with time and within budget is always a major concern of every organization. Several Software Development Methodologies exist for the successful delivery of software. With advancement of technology using Java in current world, organizations are now finding best solutions for their operations. To this aim, this paper presents an automated frameworks that reduces the efforts and time of Java developers for developing software. Java has been able to maintain its position in the top three most popular languages for very long time because of the platform which it provides. The java platform consists of more than just a programming language. It also provides a large number of frameworks, which are ready-made code components that are used extensively by developers.*

Keywords: Development Methodologies, Current Frameworks, Scrum, DevOps, Waterfall, RAD, Spring, Hibernate, Apache Struts, JSF, GWT

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