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Information Security
Journal
RTINFOSEC

Year of Publication: 2014

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IJCA Special Issue on Recent Trends in
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{bibtex}rtinfosec1401.bib{/bibtex}

Abstract

Web service can be built using two disparate ways: Standard SOAP based Web Services and Restful Web service. Paper focuses on developing both Web Services with different parameters. We use SOAP, REST API + Jersey API for implementing XML based and RESTful Web Services respectively. We have conducted different experiments on both and tested on Apache Tomcat server, Android Emulators well as on Cloud server Google App Engine. Result of experiment shows RESTful web services are better in performance than SOAP Web Services.

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Index Terms

Computer Science

Mobile Computing

Keywords

Soap Restful Web Services Soap Json Xml Mobile Computing Cloud Computing