Abstract

In today’s world, web services have become an integral part of web. A web service is a service offered by one device to another device electronically, for communicating with each other over the World Wide Web. The web services can be also act as an API which facilitates various services for devices over network. Today majority of web applications which keep running makes the use of web services and use service-oriented architecture. A service-oriented architecture (SOA) is a way of designing software where services are provided to the other components by application components, through a communication protocol over the network. The testing of these web services should be considered as an important factor now. Testing the web service manually becomes complicated. The solution is test automation! Web services can be tested by using test automation frameworks. SOAPUI is such an open source tool which can be used for testing of web services. SOAPUI provides a variety of testing facilities. This tool provides the web service tester a modern way through which he can save his time and perform testing efficiently.
References

2. Ravi Kumar, Research article on A Comparative Study and Analysis of Web Service Testing Tools
3. Evan Martin, Paper on Automated Robustness Testing of Web Services
5. Vinod Patil, Introduction to Testing Web services
6. Tanuj Wala, A Comparative Study of Web Service Testing Tools

Index Terms

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Keywords

SOAP, SOAPUI, REST, Automation testing, Web Service Testing