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SOAPUI ARCHITECTURE



Training by Industry Working Experts, Trained more than 300 professionals 8743913121

Our Students feedback

https://www.facebook.com/photo.php?fbid=355273594606348&set=a .198227496977626.49987.100003711325602&type=3

Trainer Profile

8+ Yrs Exp(Manual + Automation Testing)
ISTQB, QTP, QC, Loadrunner, CMAT, SoapUI certified
Trained more than 1000 professionals



Service & API testing products from Smartbear

SoapUl NG: Unit and Functional Testing

LoadUI: Performance Testing

Secure: For Security Testing

ServiceV: Service Virtualization

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SoapUI provide plugins which can be used to add other options in SoapUI Example: With SoapUI plugin, it can be integrated with Eclipse

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Components with SoapUI tool

Jetty:: Service Virtualization / Mock Service

We can create replica of service in case when service is not ready or so buggy to test, in mean time we want to create our test cases, for that we can do service virtualization and use that service

Jetty is used for hosting virtual service
Provided by Eclipse, java based web server
Works for both Soap and Rest

Training Support:
Selenium OTP LoadRunner,
Jmeter Soapuli, Manual
Testing, Mobile automation,
Certifications training

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Jasper:: Is used to generate reports

Open source reporting tool

Saxon XSLT & Xquery processor

We can use Xpath and Xquery to process service results

Saxon platform provide us option to process results using Xpath and XQuery

Log4J

Used for Logging
Provide following logs (SoapUI Logs, Error Logs, Http, Jetty, Memory)



JDBC driver

To interact with database

HermesJMS

Is used in applications where high volume of transactions take place It is used to send message to JMS Queue Receiver results from JMS Queue We can incorporate Java JMS using Hermes JMS

Scripting Language in difference of the project property level in 300 professionals 8743913121 TESTING WORLD Concept to the project property level in 300 professionals 8743913121 TESTING WORLD Concept to the project property level in 300 professionals 8743913121

Monitoring

To check what is send to the service and what is received from the service We can use monitoring

2 types

TCP Mon

Http Mon(Majorly used)

- 1. Http Requests
- 2. XML
- 3. JSON etc



Runner

Execution can be run without using SoapUI

From Command Line

testRunner loadtestrunner securitytestrunner mockservicerunner

Can also be executed from build tools

Supported Protocols

XML XML-RPC SOAP HTTP AMF JDBC

