

# SOAPUI Online Training

## Get to Know about webservices

- Web Service Architecture
- Web Services Concepts
- Types of web services
- SOAP
- WSDL
- UDDI
- What is Service-oriented Architecture?
- Why SOA?
- SOA Testing Methodology
- SOA test challenges

## Installation of SoapUI

- Installing SoapUI
- Setup of SoapUI
- Installation of SoapUI pro
- Setup of SoapUI pro

## XML , SOAP & WSDL

- XML introduction
- XML rules
- XML creation
- XML syntax
- XML attributes & elements
- Soap Usage
- Soap message structure
- Soap detailed explanation
- Soap encoding rules
- SOA examples
- WSDL usage
- WSDL doc structure
- WSDL examples
- Request , Response

## Working with SoapUI tool

- Creating Workspace
- Adding projects to Workspace
- Creating Project/Importing Project

- Creating Requests for project operations
- Creating Test Suites
- Creating Test Cases
- Creating Test Steps
- WsdL project

### Creating & Reading properties at different levels

- Under Standing Properties
- Properties Test Step : How to read values into request step
- Global Level Properties : How to read values into request step
- Project Level Properties : How to read values into request step
- TestSuite Level Properties : How to read values into request step
- TestCase Level Properties:How to read values into request step

### Transferring properties

- TestRequests
- Properties
- Property transfer
- Response to Request transfer
- Global to Test case
- Test case level properties
- Transfer between steps

### Assertions, Xpath & Loops

- Conditional Goto
- Assertions in SoapUI
- Assertion – Contains & Not contains
- Xpath match
- SOAP/Not-SOAP
- Contains/Not Contains
- SOAP fault/Not-SOAP fault
- Response SLA
- XPath match
- JDBC Timeout / JDBC Status

### Data driven testing

- DataSource
- DataSourceLoop
- DataSink
- Assertions

## Transferring properties

- Passing values between Test Steps
- Passing values between Operations / API's
- Passing values between Services