## Soap UI

#### What is SOAP UI?

- SOAP UI is the leading open source cross-platform API Testing tool
- SOAPUI allows testers to execute automated functional, regression, compliance, and load tests on different Web API.
- SOAPUI supports all the standard protocols and technologies to test all kinds of API's.
- SOAPUI interface is simple that enables both technical and non-technical users to use seamlessly.

#### 5 important features of SOAPUI

- 1) Functional Testing
- 2) Security Testing
- 3) Load Testing
- 4) Supported Protocols/Technologies

### Create a SOAP Project, Test Suite, Test Case

- Create a SOAP API Project
- Add WSDL
- Create Test Suite Test Cases
- Add Assertions
- 5. Run Test Step Test Case Test Suite
- 6. Run in sequence and in parallel
- Create API Documentation
- WSDL:
- https://www.dataaccess.com/webservicesserver/NumberConversion.wso?WSDL
- https://www.dataaccess.com/webservicesserver/TextCasing.wso?WSDL
- https://footballpool.dataaccess.eu/info.wso?WSDL
- http://webservices.oorsprong.org/websamples.countryinfo/CountryInfoService.wso?wsdl

# Create a Rest Project, Rest Request, Test case with Parameters

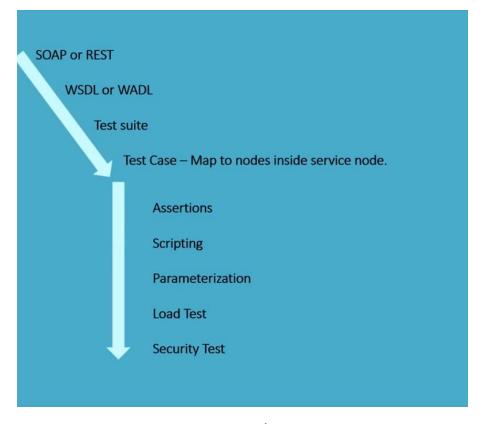
- 1. Create a REST Project
- 2. Add a REST request
- Add request parameters
- 4. Create a Test Case
- Add assertions
- 6. Run and Validate

#### **Rest API's**

https://restcountries.eu/

https://restcountries.eu/rest/v2/all

#### Order of execution



www.pavanonlinetrainings.com