**10 Groovy scripts on your finger tips – soapUI**

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In this series of Groovy blogs [numbered 10], i will be sharing very frequently  used “10 groovy scripts” which should be on your finger tips. These would come handy in order to perform any Automation using the Groovy in soapUI.

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@Description : Collection of groovy script snippets required to achieve automation in soapUI  
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**1. Using Log variable**  
 log.info(“Any Text message ” + anyVariable)

**2. Using Context variable**  
 def myVar = context.expand( ‘${#TestCase#SourceTestStep}’) //will expand TestCase property value into the new variable  
    context.testCase  // returns the current testCase handle

**3. Using TestRunner variable**  
 testRunner.testCase.getTestStepByName(“TestStepName”)  
    testRunner.testCase // return the handle to current testCase  
    testRunner.testCase.testSuite.project.testSuites[“My\_TestSuite”]

**4. Using MessageExchange variable**  
 messageExchange.getEndpoint() //endpoint to the selected teststep  
    messageExchange.getTimestamp()    //timestamp  
    messageExchange.getTimeTaken()    //time taken to process the request/response

**5. Using Project, TestSuite, TestCase, TestStep methods**  
def project = testRunner.testCase.testSuite.project  
    def project = context.testCase.testSuite.project

    def myTestSuite = project.getTestSuiteAt(IndexNumber)  
    def myTestSuite = project.getTestSuiteByName(“Name of the TestSuite”)

    def myTestCase = myTestSuite.getTestCaseAt(IndexNumber)  
    def myTestCase = myTestSuite.getTestCaseByName(“Name of the TestCase”)

    def myTestStep = myTestCase.getTestStepAt(IndexNumber)  
    def myTestStep = myTestCase.getTestStepByName(“Name of the TestStep”)

**6. RawRequest & RawResponse**  
    messageExchange.getRequestContentAsXml.toString()  
    messageExchange.getResponseContentAsXml.toString()

**7. groovyUtils & XmlHolder**  
 def groovyUtils = new com.eviware.soapui.support.GroovyUtils( context )  
    def holder = groovyUtils.getXmlHolder (“Assert\_Script#Response”)

**8. Converting String into Integer & Integer into String using groovy**  
   anyStringVar = anyIntegerVar.toString()  
    anyIntegerVar = anyStringVar.toInteger()

**9. Reading & Writing user-defined property with Groovy**  
 def userIdInStep = testRunner.testCase.getTestStepByName( “UserDefinedProperty” )  
    def userIdStr = userIdInStep.getPropertyValue( “myPropertyName” );  
    userIdInStep.setPropertyValue(“myPropertyName”, “StringValueAsInput”)

**10. Refer** [**soapUI API docs**](http://www.soapui.org/apidocs/overview-summary.html) & go soapUI Pro inorder to get Advanced functionality without writing code ;-)