

Write TestSuite Test Results on a CSV File

Tuesday, February 14, 2017 1:03 PM

```
import jxl.*
import jxl.write.*
import com.eviware.soapui.support.XmlHolder
import net.sf.*;
import net.sf.json.*;
import net.sf.json.groovy.*;

def failedTestCases = 0
def successTestCases = 0
def failedTestSteps = 0
def successTestSteps = 0
def failedAssertions = 0
def successAssertions = 0

def resultDir = new File("C:\\\\SoapUIResults");
if(!resultDir.exists()) {
    resultDir.mkdirs();
}
def resultsFile = new File(resultDir, "CSVReport.csv");

//If the file does not already exist, we want to create it, otherwise we want to append
if(!resultsFile.exists()) {
    resultsFile.createNewFile();
    //Header values
    resultsFile.write("NAME","RESULT","MESSAGES","DATE");
}

runner.results.each { testCaseResult ->
    def caseName = testCaseResult.testCase.name
    def caseStatus = testCaseResult.status.toString()
    if(caseStatus == 'FAILED'){failedTestCases ++}
    else {successTestCases ++}

    log.info "Test Case: $caseName $caseStatus"
    resultsFile.append("$caseName,$caseStatus" + ';\n');

    testCaseResult.results.each{ testStepResults ->
        testStepResults.messages.each() { msg -> log.info msg }
        def stepName = testStepResults.testStep.name
        def stepStatus = testStepResults.status.toString()
        if(stepStatus == 'FAILED'){failedTestSteps ++}
        else{successTestSteps ++}

        log.info "Test Step: $stepName $stepStatus"

        //Some test steps don't have assertions, so calling getAssertionList() blows up
```

```

//We want WSDLTestStep (request)
if (testStepResults.testStep.config.type == 'request')
{
    testStepResults.testStep.getAssertionList().each{
        def assertLabel = it.label
        def assertStatus = it.status
        if (assertStatus == 'VALID') { successAssertions ++ }
        else {failedAssertions ++ }
        log.info "$it.label - $it.status"
    }
}
}
}

log.info "Total test case count:" + (successTestCases + failedTestCases).toString()
log.info "Total test cases succeeded: $successTestCases"
log.info "Total test cases failed: $failedTestCases"

log.info "Total test step count:" + (successTestSteps + failedTestSteps).toString()
log.info "Total test steps succeeded: $successTestSteps"
log.info "Total test steps failed: $failedTestSteps"

log.info "Total test assertion count:" + (successAssertions + failedAssertions).toString()
log.info "Total test assertions succeeded: $successAssertions"
log.info "Total test assertions failed: $failedAssertions"

```