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Data Source/ Data Source Loop

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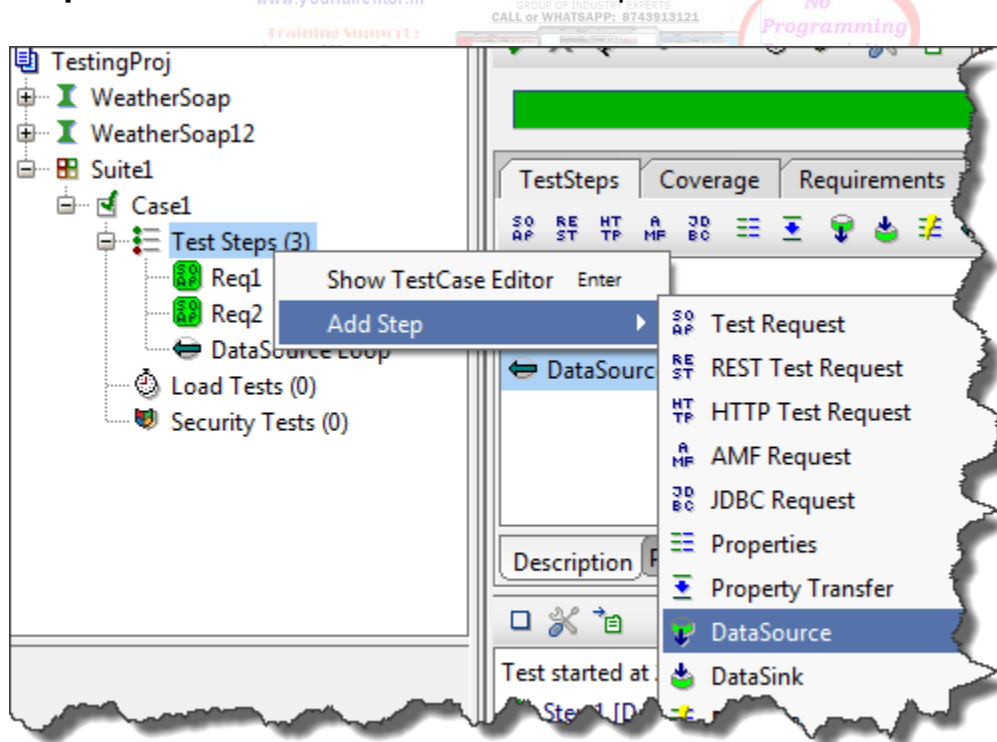
Data Source Test Step

It is used to read test data from internal or external source to standard SOAPUI properties and then that data can be used for further steps.

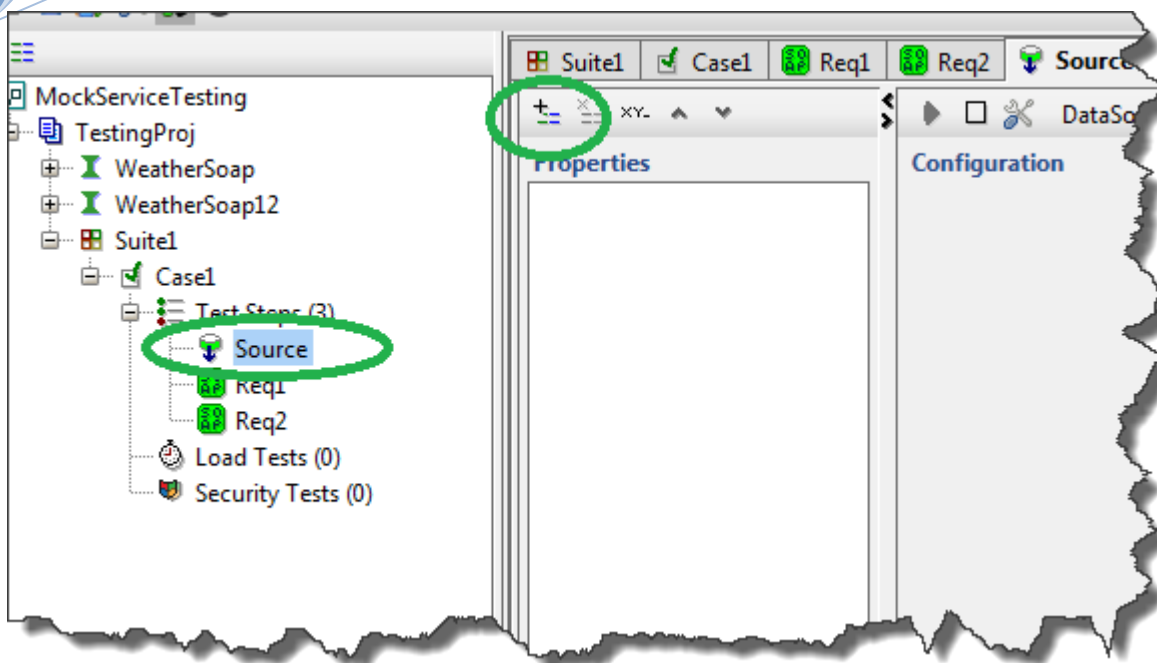
Working with Data Source-Data Step

Steps

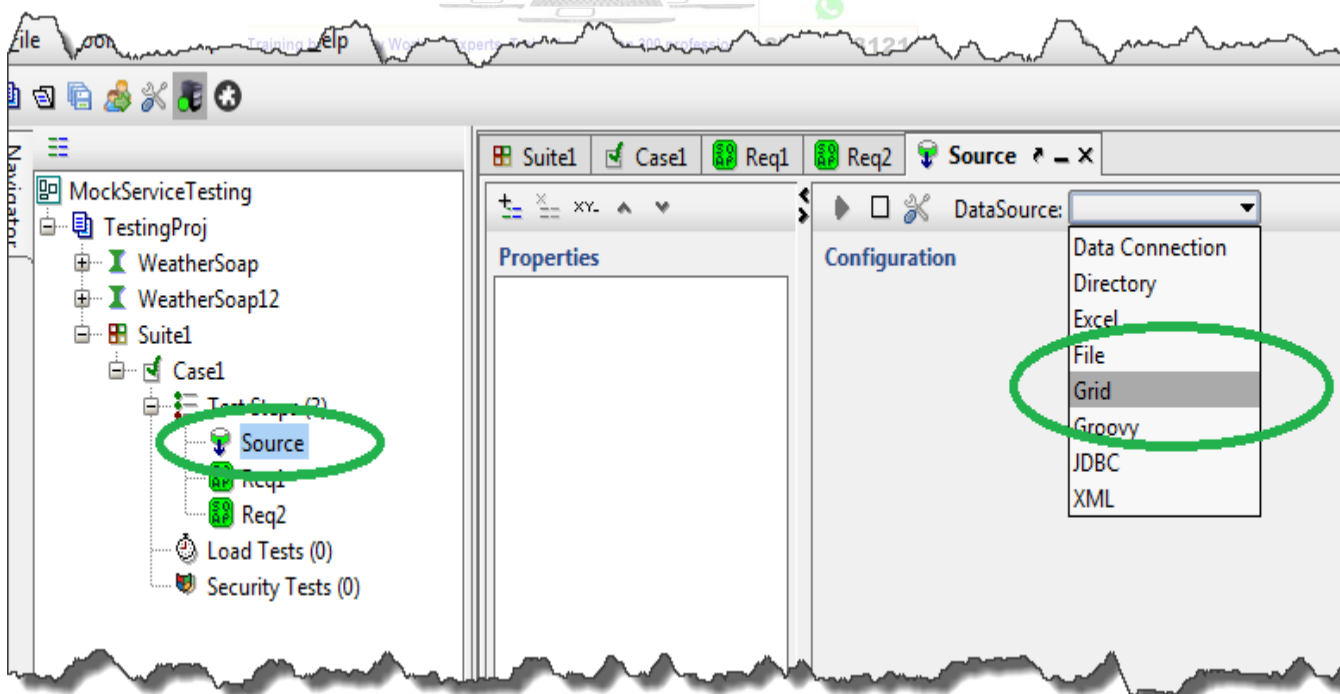
Step1: Add new "Data Source Test Step" in our test case



Step 2: Give Name to that Test Step, We will get following window

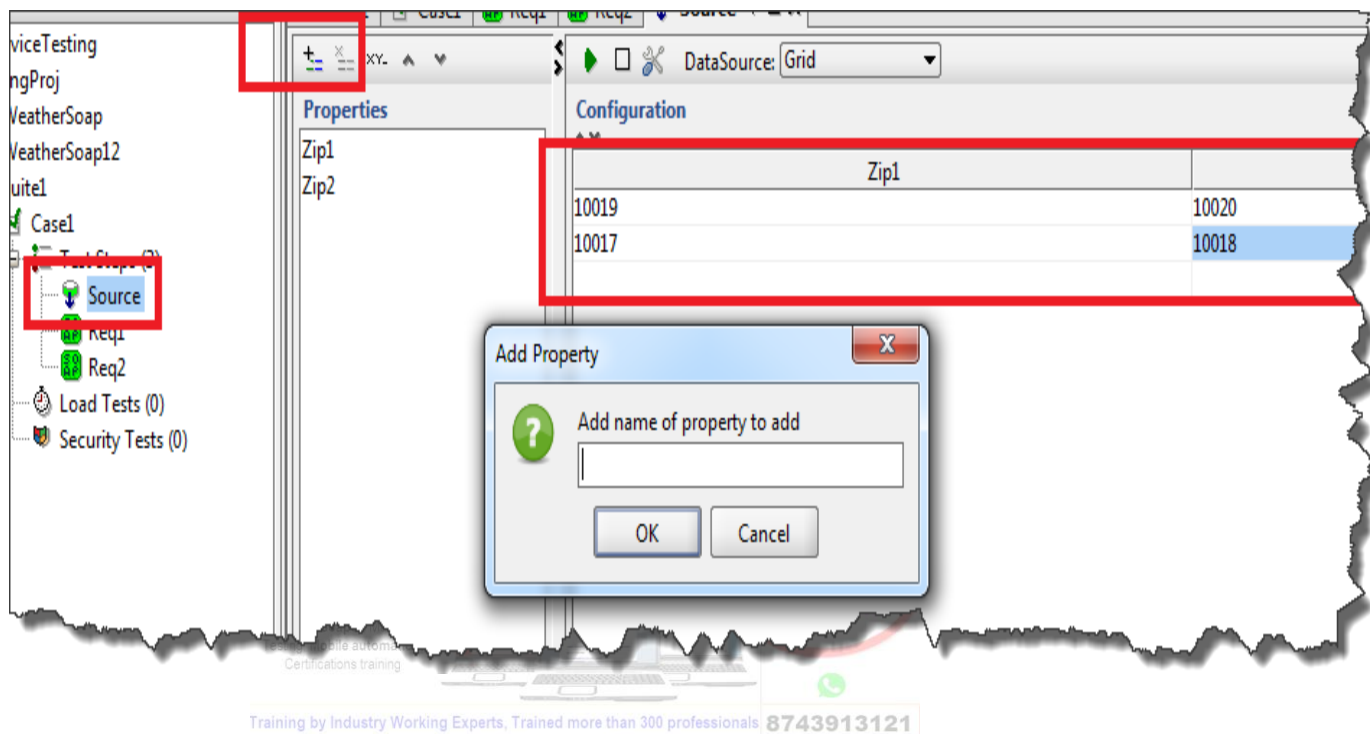


Step 3: In Data Source test step (if we want to define and use data internally, select GRID or if we want to select data externally then select other option, this is working with GRID)



Step 4: Add Properties to Left Side Column, there property will display on Right side Column.

Define values in property column which we want to use in our test case



Now we have created properties and assigned value to that properties as well.

THIS STEP IS HAVING DATA NOW WHICH CAN BE USED IN FURTHER STEPS

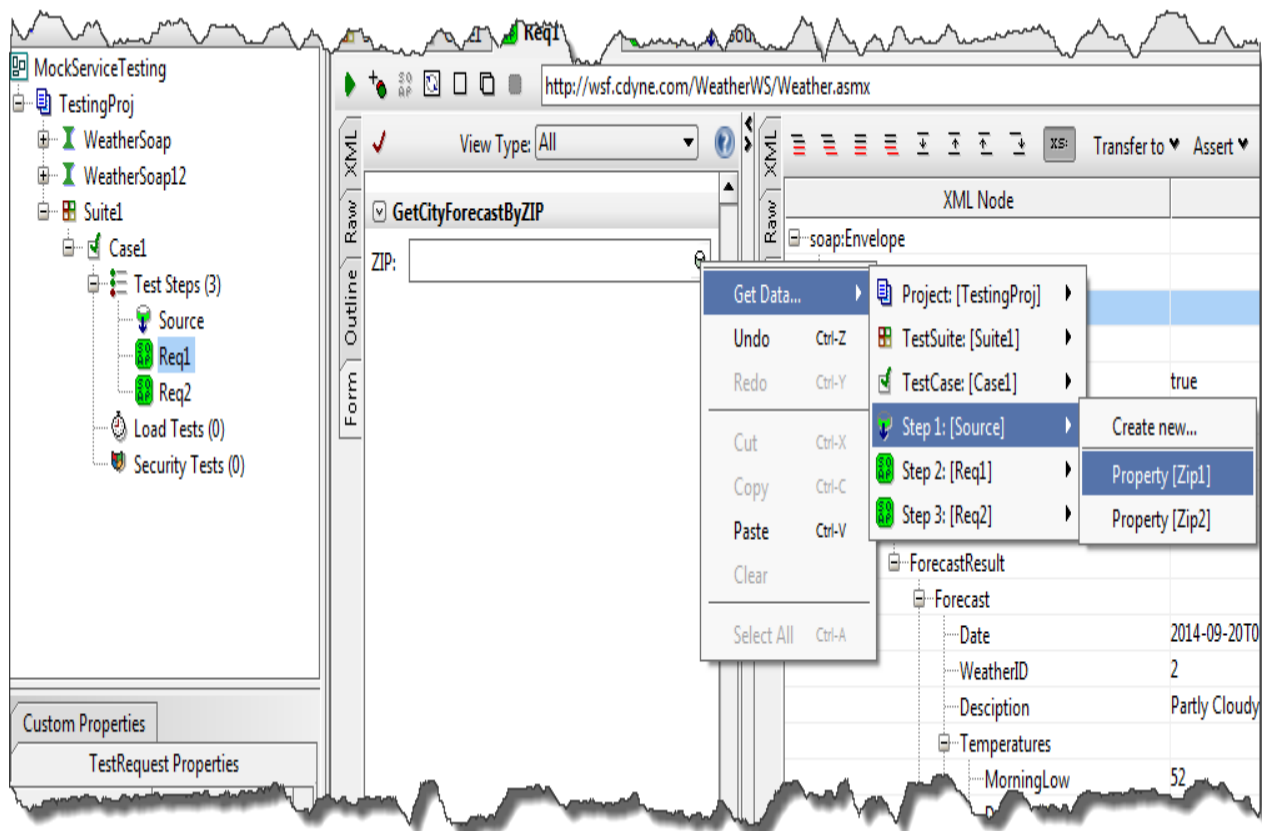
Use data defined in Data Source Step to further steps of test case

Step 1: Add New Test Step to that test case

Step 2: Double click on New Created Test step.

Step 3: Click on “Input Box” of newly created test step.

Step 4: Select Get Data→Step 1→ Property Name(which data we want to import)

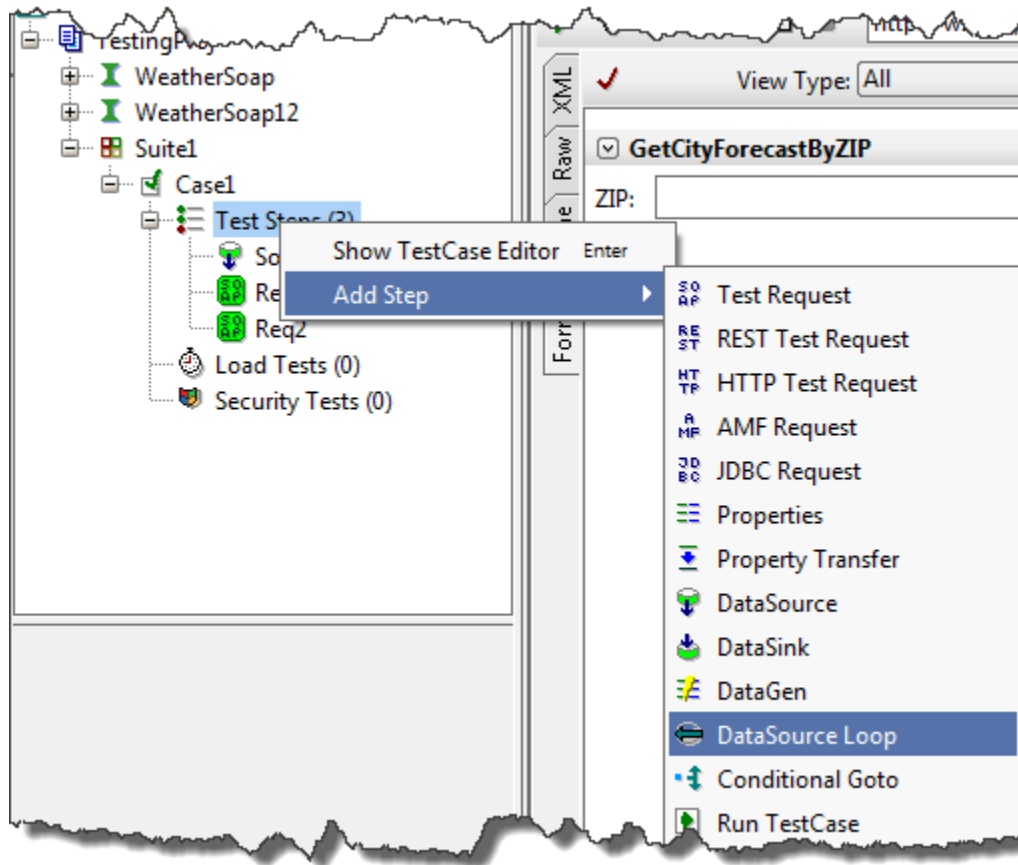


RUN: But here it will pick only first row of data grid , to get data from all rows we need to use DATA SOURCE LOOP TEST STEP

DATA SOURCE LOOP TEST STEP

It allow us to run our test case for each row of data exist in Data Source Step

Step 1: Add a New Data Source Loop Test Step.



Step 2: Double click on that, a new dialog will open.

Step 3: Enter Data Source Step.

Select target Step(Step from which we want to run in iteration)

The screenshot displays the JMeter GUI. On the left, the Test Plan tree shows a hierarchy: MockServiceTesting > TestingProj > WeatherSoap > WeatherSoap12 > Suite1 > Case1 > Test Steps (4). The 'Test Steps (4)' folder is expanded, showing 'Source', 'Req1', 'Req2', and 'DataSource Loop'. The 'DataSource Loop' step is highlighted. A green arrow points from the text 'Define Source of our Test Data' to the 'DataSource Loop' step. Below the tree, the 'Custom Properties' tab is active, showing 'DataSourceLoop Properties' with a table:

Property	Value
name	DataSource Loop
description	

On the right, the 'GetCityForecastByZIP' step is selected. A 'Configure DataSourceLoop' dialog box is open, showing 'DataSource Step: Source' and 'Target Step: Source'. The 'Target Step' dropdown is circled in green, and a green arrow points from the text 'Starting point of Loop' to it. The dialog box also has 'OK' and 'Cancel' buttons.

RUN: Now it will run for each row of data in data source.