

SOAP Tool

The SOAP Tool allows one to invoke webservice for integration purpose to return useful information from external sources into the process instance.

Configure SOAP Tool
Configure SOAP Tool > Store To Form > Store To Workflow Variable > Advanced

WSDL URL *

Operation Name *

Username

Password

Parameters

Value
8.8.8.8

Figure 1: SOAP Tool Properties - Configure SOAP Tool

Define the webservice properties, credential information and parameters. Define the parameters' values in the same sequence of the operation parameter order.

Store To Form
Configure SOAP Tool > Store To Form > Store To Workflow Variable > Advanced

Form

Base XML Object Name for Multirow Data

Field Mapping

Field ID	XML Object Name
package_name	GetGeolPResult.CountryName
package_id	GetGeolPResult.CountryCode

Figure 2: SOAP Tool Properties - Store to Form

Define on how to treat returned data to form.

Store To Workflow Variable
Configure SOAP Tool > Store To Form > Store To Workflow Variable > Advanced

Workflow Variable Mapping

Workflow Variable	XML Object Name
result	GetGeolPResult.ReturnCodeDetails

Figure 3: SOAP Tool Properties - Store to Workflow Variable

Define on how to treat returned data to workflow variable.

Advanced

Configure SOAP Tool > Store To Form > Store To Workflow Variable > **Advanced**

Debug Mode

Figure 4: SOAP Tool Properties - Advanced

Enable the Debug Mode to for troubleshooting purpose. In the server's console, one will see the returned formatted data as the following.

```
INFO 07 Jun 2013 10:54:37 SoapTool - <ns1:GetGeoIPResult
xmlns:ns1="http://www.websvcicex.net/"><ns1:ReturnCode>1</ns1:ReturnCode><ns1:IP>8.8.
8.8</
ns1:IP><ns1:ReturnCodeDetails>Success</ns1:ReturnCodeDetails><ns1:CountryName>United
States</ns1:CountryName><ns1:CountryCode>USA</ns1:CountryCode></n
s1:GetGeoIPResult>
INFO 07 Jun 2013 10:54:37 SoapTool - {"GetGeoIPResult":{"CountryName":"United
States","ReturnCodeDetails":"Success","ReturnCode":"1","IP":"8.8.8.8",
"CountryCode":"USA"}}
```

In the example above, we are making a webservice call to <http://www.websvcicex.net/geoip-service.asmx>, calling the method `GetGeoIP`.

Below is a sample app to make a webservice call to <http://www.websvcicex.net/airport.asmx?op=GetAirportInformationByCountry>.

[APP_soapToolSample-2-20131126170202.zip](#)