

SOAP Tool

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Introduction

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

SOAP Tool Properties

Configure SOAP Tool

Configure SOAP Tool ?

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

WSDL URL *

http://www.dataaccess.com/webservicesserver/numberconversion.wso?WSDL

Operation Name *

NumberToWords

Username

Password

Parameters

VALUE

#variable.number#

+ - ×

SOAP Body (XML) ?

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SOAP Action ?

Figure 1: SOAP Tool Properties

Name	Description
WSDL URL	Webservice WSDL URL to be called.
Operation Name	Operation Name
Username	Credential - Username
Password	Credential - Password
Parameters	Values in sequence order of the operation parameters.

SOAP Body (XML)	The XML content of <soap:Body> tag. Parameters setting is ignored when SOAP Body is used.
SOAP Action	SOAP Action is required when SOAP Body is used and SOAP version is 1.1

Store To Form

Store to Form

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

Form

SOAP Test

Base XML Object Name for Multirow Data

Field Mapping

FIELD ID	XML OBJECT NAME
number_word	NumberToWordsResult

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Figure 2: Store To Form Properties

Name	Description						
Form	Target form to store data.						
Base XML Object Name for Multirow Data	If returned data is intended to an array / multirow data, define the base path of the array.						
Field Mapping	<table><tr><th>Name</th><th>Description</th></tr><tr><td>Field ID</td><td>Field ID correspondent to the target form field.</td></tr><tr><td>XML Object Name</td><td>Path to child object defined in the Base XML Object Name for Multirow Data above. Else, just the XML Object Name itself.</td></tr></table>	Name	Description	Field ID	Field ID correspondent to the target form field.	XML Object Name	Path to child object defined in the Base XML Object Name for Multirow Data above. Else, just the XML Object Name itself.
Name	Description						
Field ID	Field ID correspondent to the target form field.						
XML Object Name	Path to child object defined in the Base XML Object Name for Multirow Data above. Else, just the XML Object Name itself.						

Store To Workflow Variable

Store to Workflow Variable

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Workflow Variable Mapping

WORKFLOW VARIABLE

XML OBJECT NAME

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Figure 3: Store To Workflow Variable Properties

Name	Description	
Workflow Variable Mapping	Name	Description
	Workflow Variable	Workflow Variable name.
	XML Object Name	XML Object Name path.

Advanced

Advanced

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

Debug Mode ?

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Figure 4: Advanced Properties

Name	Description
Debug Mode	<p>When checked, debug messages will be printed out in the server log for troubleshooting purpose.</p> <p>In the server log, you will observe returned formatted data as the following:</p> <pre>INFO 20 Feb 2020 02:14:56 org.joget.plugin.enterprise.SoapTool - {"NumberToWordsResult":"six hundred and seventy eight "}</pre>

Download Demo App

- [APP_soapToolExample-GetListByName.jwa](#)

Demo app to make a web service call to <https://www.crcind.com/csp/samples/SOAP.Demo.CLS?wsdl>, to call the method [GetListByName](#).