

Name of Solution:

Informatica Developer : Web Services Consumer

Business Requirement:

This Informatica Developer mapping that uses web services consumer to get stock quote information.

Solution URL:

<https://community.informatica.com/solutions/2474>

Description:

Informatica Web Services Consumer consumes externally published web services. The PowerCenter mapping/workflow makes a direct call out to external web services using SOAP message over HTTP protocol.

Consider a situation where you need to get the stock quote information by calling a web service by providing the stock symbol as input. Use Web Services consumer as a midstream transformation to consume the web service "GetQuote" associated with the following WSDL:

<http://www.webservice.net/stockquote.asmx?WSDL>

Note: Please use the web service call associated with SOAP 1.1 protocol

Mapping is shown below.



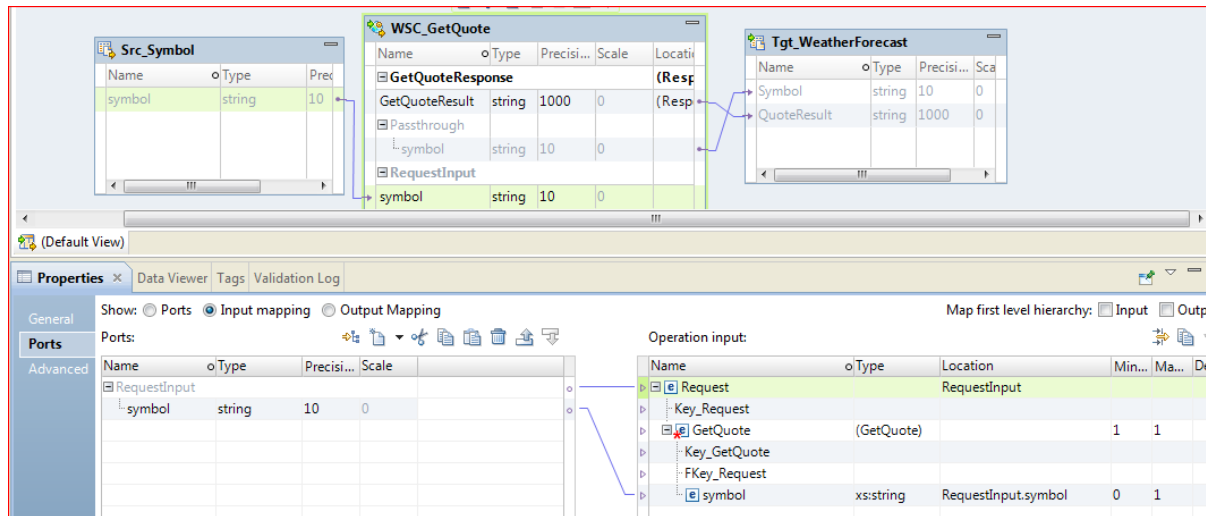
Download file contents:

1. Mapping
2. Source File
3. Target File

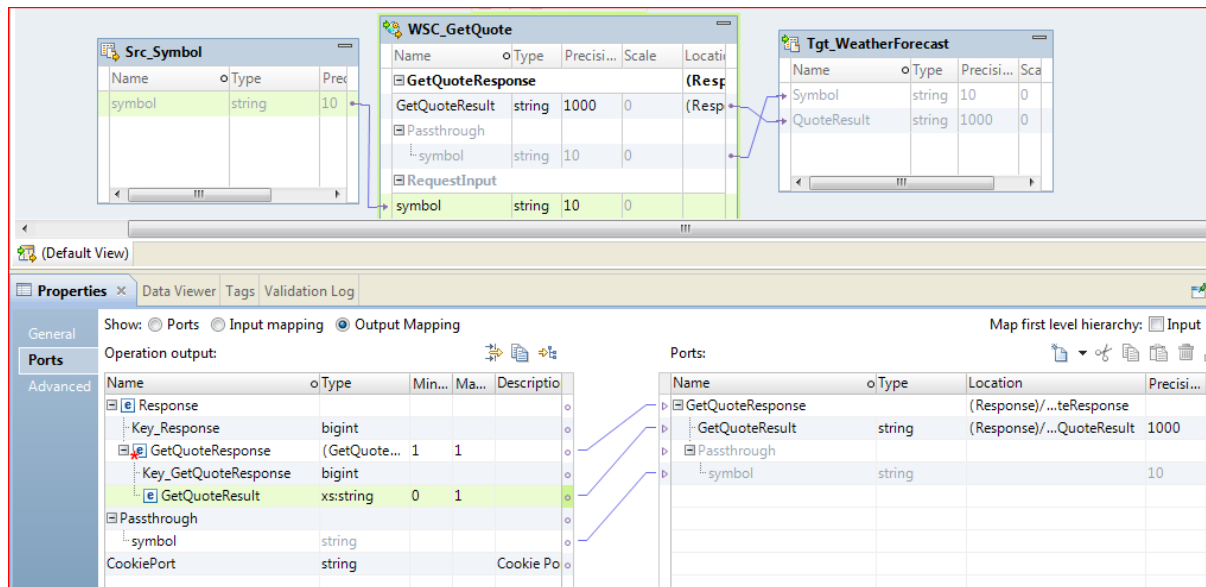
Steps to implement the solution:

1. Import mapping xml to the repository, select the appropriate folder from repository and resolve the conflicts by choosing suitable option.
2. Copy the source file Src_Symbol.csv into
< Informatica server > \tomcat\bin\source.
3. Open mapping in Informatica Developer, the main work in the mapping is done by the "WSC_GetQuote" transformation. It performs the following task:

- a. It takes Stock symbol as input and create a soap request.



- b. It calls the web service with the soap request and receives the soap response containing the Quote Result (in XML format)
- c. The transformation then, sends the Quote Result as the output along with the input Quote string as a pass through port.



4. Validate and Run the Mapping.