

Java SOAP Service

SOAP service for my demonstration.

Prerequisites

1. [Java](#) 8+
2. [Maven](#) 3+

How to run

Clone

```
git clone https://github.com/humbertodias/java-soap-demo
```

Inside

```
cd java-soap-demo
```

Run

```
mvn package
mvn embedded-glassfish:run -Dhttp.port=8080
```

Output

```
-----
T E S T S
-----
INFO: Webservice Endpoint deployed CalculadoraWS
      listening at address at http://localhost:8080//CalculadoraWSService.
jun 07, 2017 6:16:59 PM org.glassfish.webservices.metroglue.MetroContainer deployWSTxServices
INFO: Loading WS-TX Services. Please wait.
jun 07, 2017 6:16:59 PM org.glassfish.webservices.metroglue.MetroContainer deployWSTxServices
WARNING: Cannot deploy or load WS-TX Services: Required WAR file (wstx-services.war) is not installed
jun 07, 2017 6:16:59 PM com.sun.enterprise.web.WebApplication start
INFO: Loading application [calculadora-jax-ws] at [/]
jun 07, 2017 6:16:59 PM org.glassfish.deployment.admin.DeployCommand execute
INFO: calculadora-jax-ws was successfully deployed in 1.808 milliseconds.
jun 07, 2017 6:16:59 PM PluginUtil doDeploy
INFO: Deployed calculadora-jax-ws
Hit ENTER to redeploy, X to exit
```

Endpoint

<http://localhost:8080/CalculadoraWSService>

Web Services	
localhost:8080//CalculadoraWSService	
Endpoint	Information
Service Name: {http://jaxws.ola.jugvale.org/}CalculadoraWSService	Address: http://localhost:8080/CalculadoraWSService
Port Name: {http://jaxws.ola.jugvale.org/}CalculadoraWSPort	WSDL: http://localhost:8080/CalculadoraWSService?wsdl
	Implementation class: org.jugvale.ola.jaxws.CalculadoraWS

WSDL

<http://localhost:8080/CalculadoraWSService?wsdl>

This XML file does not appear to have any style information associated with it. The document tree is shown below.

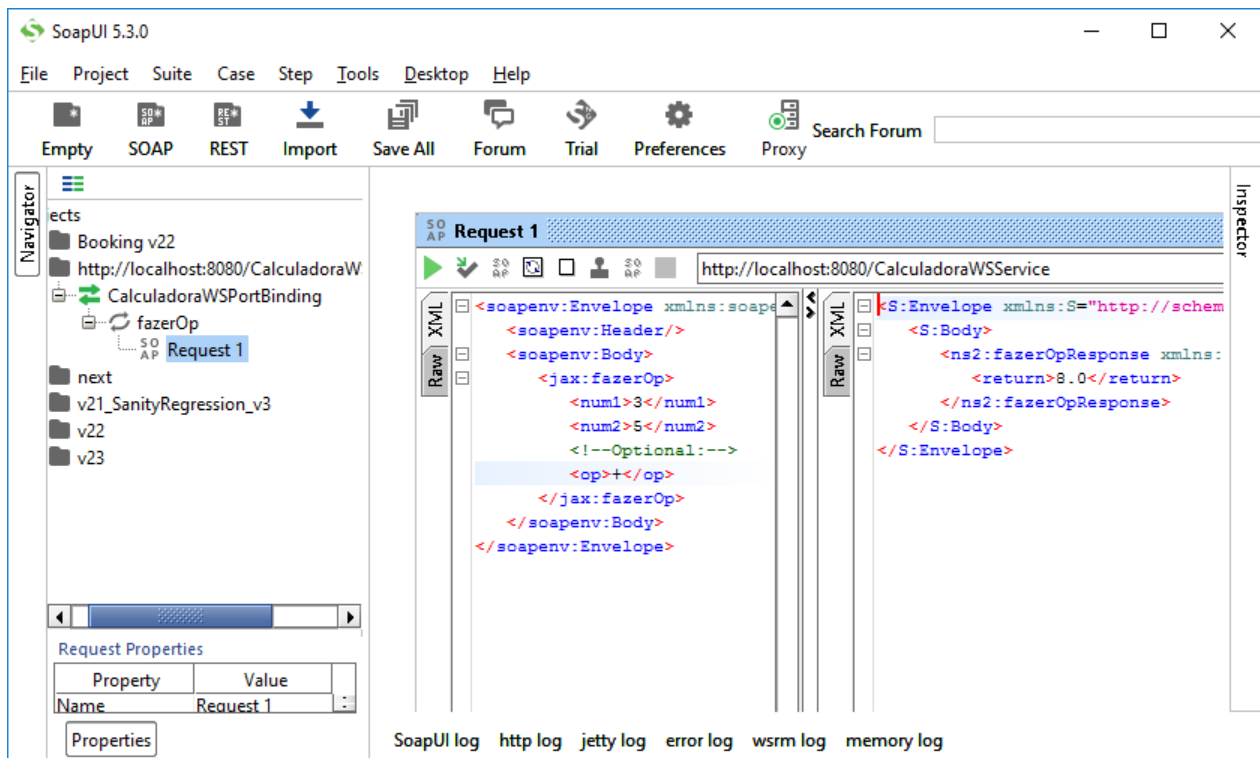
```

<!--
  Published by JAX-WS RI (http://jax-ws.java.net). RI's version is Metro/2.3.1-b419 (branches/2.3.1.x-7937; 2014-08-04T08:11:03+0000)
-->
<!--
  Generated by JAX-WS RI (http://jax-ws.java.net). RI's version is Metro/2.3.1-b419 (branches/2.3.1.x-7937; 2014-08-04T08:11:03+0000)
-->
<definitions xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
  xmlns:wsp="http://www.w3.org/ns/ws-policy" xmlns:wsp1_2="http://schemas.xmlsoap.org/ws/2004/09/policy"
  xmlns:wsam="http://www.w3.org/2007/05/addressing/metadata" xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
  xmlns:tns="http://jaxws.ola.jugvale.org/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns="http://schemas.xmlsoap.org/wsdl/"
  targetNamespace="http://jaxws.ola.jugvale.org/" name="CalculadoraWSService">
  <types>
    <xsd:schema>
      <xsd:import namespace="http://jaxws.ola.jugvale.org/" schemaLocation="http://localhost:8080/CalculadoraWSService?xsd=1"/>
    </xsd:schema>
  </types>
  <message name="fazerOp">
    <part name="parameters" element="tns:fazerOp"/>
  </message>
  <message name="fazerOpResponse">
    <part name="parameters" element="tns:fazerOpResponse"/>
  </message>
</definitions>

```

Client

SoapUI > SOAP > Initial WSDL > <http://localhost:8080/CalculadoraWSService?wsdl>



References

[Maven plugin for GlassFish](#)

[WebServices SOAP with JAX-WS](#)