

Hi developers.

I want to create a webservice using WSDL. I have already done it with other projects but now I am having problems with a WSDL that imports data from separated .xsd files.

I have realized that talend can't work with WSDL and xsd. For this reason, I have created a unique WSDL with the data from the .xsd files. I have found a program called altanova SPY that merges the files to create a single WSDL.

With this WSDL created I have been able to import it to TOS:

The problem is that when I execute my job I am not being able to receive the information sent at the function CreateVoucher(). I have made a simple job which extracts the information from one parameter sent to the webservice.

As you can see, I am just extracting the value "ArticleNumber" but I am always getting a null. I have been working with WSDL but it's the first time I have this problem. I am using soapUI to send the information, the problem is that TOS is not being able to receive the value from "tns:ArticleNumber" and the others values form tns:voucherData but I can extract the information from "tns:machineHandle".

I have tried everything. What I think is that the WSDL is not well structured but I have validated it and talend accepts it.

I also insert the .WSDL generated to see if you can see something wrong:

```
<?xml version="1.0" encoding="utf-8"?>
<wsdl:definitions xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/" xmlns:wsu="http://docs.oa
<wsdl:types>
  <xsd:schema xmlns:ns1="http://xml.hugwi.ch/2018/07/spider/voucher/Imports" xmlns:ns2="http://schemas.datacontract.org/2004/07/Hugwi.SpiderCloud.
  <xsd:import namespace="http://xml.hugwi.ch/2018/07/spider/voucher"/>
  <xsd:import namespace="http://schemas.datacontract.org/2004/07/Hugwi.SpiderCloud.Voucher"/>
  <xsd:import namespace="http://schemas.microsoft.com/2003/10/Serialization/" />
</xsd:schema>
<xs:schema xmlns:tns="http://schemas.datacontract.org/2004/07/Hugwi.SpiderCloud.Voucher" xmlns:xs="http://www.w3.org/2001/XMLSchema" targetNames
<xs:complexType name="MachineInfo">
  <xs:sequence>
    <xs:element name="Id" type="xs:string" nillable="true"/>
    <xs:element name="ProjectId" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="SerialNumber" type="xs:string" nillable="true" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
<xs:element name="MachineInfo" type="tns:MachineInfo" nillable="true"/>
<xs:complexType name="DataFault" mixed="false">
  <xs:complexContent>
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    <xs:extension base="tns:Fault">
      <xs:sequence/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:element name="DataFault" type="tns:DataFault" nillable="true"/>
<xs:complexType name="Fault">
  <xs:sequence>
    <xs:element name="Code" type="xs:int" minOccurs="0"/>
    <xs:element name="Message" type="xs:string" nillable="true" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
<xs:element name="Fault" type="tns:Fault" nillable="true"/>
<xs:complexType name="ProcessingFault" mixed="false">
  <xs:complexContent>
    <xs:extension base="tns:Fault">
      <xs:sequence/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:element name="ProcessingFault" type="tns:ProcessingFault" nillable="true"/>
<xs:complexType name="VoucherData">
  <xs:sequence>
    <xs:element name="Address" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="ArticleNumber" type="xs:int" nillable="true" minOccurs="0"/>
    <xs:element name="Currency" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="Email" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="MessageId" type="xs:int" nillable="true" minOccurs="0"/>
    <xs:element name="PhoneNumber" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="Price" type="xs:decimal" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
<xs:element name="VoucherData" type="tns:VoucherData" nillable="true"/>
</xs:schema>
<xs:schema xmlns:tns="http://xml.hugwi.ch/2018/07/spider/voucher" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:q1="http://schemas.datacontract.org/2004/07/Hugwi.SpiderCloud.Voucher">
  <xs:import namespace="http://schemas.datacontract.org/2004/07/Hugwi.SpiderCloud.Voucher"/>
  <xs:element name="RegisterMachine">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="vendingMachine" type="q1:MachineInfo" nillable="true" minOccurs="0"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="RegisterMachineResponse">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="RegisterMachineResult" type="xs:int" minOccurs="0"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="CreateVoucher">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="machineHandle" type="xs:int" minOccurs="0"/>
        <xs:element name="voucherData" type="q2:VoucherData" nillable="true" minOccurs="0"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>

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</xs:complexType>
</xs:element>
<xs:element name="CreateVoucherResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="CreateVoucherResult" type="xs:string" nillable="true" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="UploadPicture">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="machineHandle" type="xs:int" minOccurs="0"/>
      <xs:element name="voucherId" type="xs:string" nillable="true" minOccurs="0"/>
      <xs:element name="background" type="xs:int" nillable="true" minOccurs="0"/>
      <xs:element name="image" type="xs:base64Binary" nillable="true" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="UploadPictureResponse">
  <xs:complexType>
    <xs:sequence/>
  </xs:complexType>
</xs:element>
<xs:element name="Ping">
  <xs:complexType>
    <xs:sequence/>
  </xs:complexType>
</xs:element>
<xs:element name="PingResponse">
  <xs:complexType>
    <xs:sequence/>
  </xs:complexType>
</xs:element>
</xs:schema>
</wsdl:types>
<wsdl:message name="IVoucher_RegisterMachine_InputMessage">
  <wsdl:part name="parameters" element="tns:RegisterMachine"/>
</wsdl:message>
<wsdl:message name="IVoucher_RegisterMachine_OutputMessage">
  <wsdl:part name="parameters" element="tns:RegisterMachineResponse"/>
</wsdl:message>
<wsdl:message name="IVoucher_RegisterMachine_DataFaultFault_FaultMessage">
  <wsdl:part name="detail" element="q1:DataFault" xmlns:q1="http://schemas.datacontract.org/2004/07/Hugwi.SpiderCloud.Voucher"/>
</wsdl:message>
<wsdl:message name="IVoucher_RegisterMachine_ProcessingFaultFault_FaultMessage">
  <wsdl:part name="detail" element="q2:ProcessingFault" xmlns:q2="http://schemas.datacontract.org/2004/07/Hugwi.SpiderCloud.Voucher"/>
</wsdl:message>
<wsdl:message name="IVoucher_CreateVoucher_InputMessage">
  <wsdl:part name="parameters" element="tns:CreateVoucher"/>
</wsdl:message>
<wsdl:message name="IVoucher_CreateVoucher_OutputMessage">
  <wsdl:part name="parameters" element="tns:CreateVoucherResponse"/>
</wsdl:message>
<wsdl:message name="IVoucher_CreateVoucher_DataFaultFault_FaultMessage">
  <wsdl:part name="detail" element="q3:DataFault" xmlns:q3="http://schemas.datacontract.org/2004/07/Hugwi.SpiderCloud.Voucher"/>
</wsdl:message>
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</wsdl:message>
<wsdl:message name="IVoucher_CreateVoucher_ProcessingFaultFault_FaultMessage">
  <wsdl:part name="detail" element="q4:ProcessingFault" xmlns:q4="http://schemas.datacontract.org/2004/07/Hugwi.SpiderCloud.Voucher"/>
</wsdl:message>
<wsdl:message name="IVoucher_UploadPicture_InputMessage">
  <wsdl:part name="parameters" element="tns:UploadPicture"/>
</wsdl:message>
<wsdl:message name="IVoucher_UploadPicture_OutputMessage">
  <wsdl:part name="parameters" element="tns:UploadPictureResponse"/>
</wsdl:message>
<wsdl:message name="IVoucher_UploadPicture_DataFaultFault_FaultMessage">
  <wsdl:part name="detail" element="q5:DataFault" xmlns:q5="http://schemas.datacontract.org/2004/07/Hugwi.SpiderCloud.Voucher"/>
</wsdl:message>
<wsdl:message name="IVoucher_UploadPicture_ProcessingFaultFault_FaultMessage">
  <wsdl:part name="detail" element="q6:ProcessingFault" xmlns:q6="http://schemas.datacontract.org/2004/07/Hugwi.SpiderCloud.Voucher"/>
</wsdl:message>
<wsdl:message name="IVoucher_Ping_InputMessage">
  <wsdl:part name="parameters" element="tns:Ping"/>
</wsdl:message>
<wsdl:message name="IVoucher_Ping_OutputMessage">
  <wsdl:part name="parameters" element="tns:PingResponse"/>
</wsdl:message>
<wsdl:portType name="IVoucher">
  <wsdl:operation name="RegisterMachine">
    <wsdl:input message="tns:IVoucher_RegisterMachine_InputMessage" wsaw:Action="http://xml.hugwi.ch/2018/07/spider/voucher/IVoucher/RegisterMachir" />
    <wsdl:output message="tns:IVoucher_RegisterMachine_OutputMessage" wsaw:Action="http://xml.hugwi.ch/2018/07/spider/voucher/IVoucher/RegisterMack" />
    <wsdl:fault name="DataFaultFault" message="tns:IVoucher_RegisterMachine_DataFaultFault_FaultMessage" wsaw:Action="http://xml.hugwi.ch/2018/07/spi" />
    <wsdl:fault name="ProcessingFaultFault" message="tns:IVoucher_RegisterMachine_ProcessingFaultFault_FaultMessage" wsaw:Action="http://xml.hugwi.ch" />
  </wsdl:operation>
  <wsdl:operation name="CreateVoucher">
    <wsdl:input message="tns:IVoucher_CreateVoucher_InputMessage" wsaw:Action="http://xml.hugwi.ch/2018/07/spider/voucher/IVoucher/CreateVoucher"/>
    <wsdl:output message="tns:IVoucher_CreateVoucher_OutputMessage" wsaw:Action="http://xml.hugwi.ch/2018/07/spider/voucher/IVoucher/CreateVoucherF" />
    <wsdl:fault name="DataFaultFault" message="tns:IVoucher_CreateVoucher_DataFaultFault_FaultMessage" wsaw:Action="http://xml.hugwi.ch/2018/07/spi" />
    <wsdl:fault name="ProcessingFaultFault" message="tns:IVoucher_CreateVoucher_ProcessingFaultFault_FaultMessage" wsaw:Action="http://xml.hugwi.ch" />
  </wsdl:operation>
  <wsdl:operation name="UploadPicture">
    <wsdl:input message="tns:IVoucher_UploadPicture_InputMessage" wsaw:Action="http://xml.hugwi.ch/2018/07/spider/voucher/IVoucher/UploadPicture"/>
    <wsdl:output message="tns:IVoucher_UploadPicture_OutputMessage" wsaw:Action="http://xml.hugwi.ch/2018/07/spider/voucher/IVoucher/UploadPictureF" />
    <wsdl:fault name="DataFaultFault" message="tns:IVoucher_UploadPicture_DataFaultFault_FaultMessage" wsaw:Action="http://xml.hugwi.ch/2018/07/spi" />
    <wsdl:fault name="ProcessingFaultFault" message="tns:IVoucher_UploadPicture_ProcessingFaultFault_FaultMessage" wsaw:Action="http://xml.hugwi.ch" />
  </wsdl:operation>
  <wsdl:operation name="Ping">
    <wsdl:input message="tns:IVoucher_Ping_InputMessage" wsaw:Action="http://xml.hugwi.ch/2018/07/spider/voucher/IVoucher/Ping"/>
    <wsdl:output message="tns:IVoucher_Ping_OutputMessage" wsaw:Action="http://xml.hugwi.ch/2018/07/spider/voucher/IVoucher/PingResponse"/>
  </wsdl:operation>
</wsdl:portType>
<wsdl:binding name="DefaultBinding_IVoucher" type="tns:IVoucher">
  <soap:binding transport="http://schemas.xmlsoap.org/soap/http"/>
  <wsdl:operation name="RegisterMachine">
    <soap:operation soapAction="http://xml.hugwi.ch/2018/07/spider/voucher/IVoucher/RegisterMachine" style="document"/>
    <wsdl:input>
      <soap:body use="literal"/>
    </wsdl:input>
    <wsdl:output>
      <soap:body use="literal"/>
    </wsdl:output>
  </wsdl:operation>
</wsdl:binding>
</wsdl:service>
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<wsdl:fault name="DataFaultFault">
  <soap:fault name="DataFaultFault" use="literal"/>
</wsdl:fault>
<wsdl:fault name="ProcessingFaultFault">
  <soap:fault name="ProcessingFaultFault" use="literal"/>
</wsdl:fault>
</wsdl:operation>
<wsdl:operation name="CreateVoucher">
  <soap:operation soapAction="http://xml.hugwi.ch/2018/07/spider/voucher/IVoucher/CreateVoucher" style="document"/>
  <wsdl:input>
    <soap:body use="literal"/>
  </wsdl:input>
  <wsdl:output>
    <soap:body use="literal"/>
  </wsdl:output>
  <wsdl:fault name="DataFaultFault">
    <soap:fault name="DataFaultFault" use="literal"/>
  </wsdl:fault>
  <wsdl:fault name="ProcessingFaultFault">
    <soap:fault name="ProcessingFaultFault" use="literal"/>
  </wsdl:fault>
</wsdl:operation>
<wsdl:operation name="UploadPicture">
  <soap:operation soapAction="http://xml.hugwi.ch/2018/07/spider/voucher/IVoucher/UploadPicture" style="document"/>
  <wsdl:input>
    <soap:body use="literal"/>
  </wsdl:input>
  <wsdl:output>
    <soap:body use="literal"/>
  </wsdl:output>
  <wsdl:fault name="DataFaultFault">
    <soap:fault name="DataFaultFault" use="literal"/>
  </wsdl:fault>
  <wsdl:fault name="ProcessingFaultFault">
    <soap:fault name="ProcessingFaultFault" use="literal"/>
  </wsdl:fault>
</wsdl:operation>
<wsdl:operation name="Ping">
  <soap:operation soapAction="http://xml.hugwi.ch/2018/07/spider/voucher/IVoucher/Ping" style="document"/>
  <wsdl:input>
    <soap:body use="literal"/>
  </wsdl:input>
  <wsdl:output>
    <soap:body use="literal"/>
  </wsdl:output>
</wsdl:operation>
</wsdl:binding>
</wsdl:definitions>
```