

# Axis 1.4 WSDL2Java hiba

Sziasztok!

Egy drupal webservice-t szeretnék használni java klienssel. Már sikerült meghívni a user.login mveletet az alábbi kóddal, vissza is adja az eredményt, viszont a type mapping-ek nem igazán működnek jól, ezért gondoltam kigenerálom a szükséges osztályokat a wsdlből WSDL2Java-val. Ez nem sikerül, mert nem találja az Array xml típust, holott a WSDL-ben benne van a namespace import is. Keresgéltem a neten, de mindenhol azt írják, az a baj, hogy nincs definiálva a típus, viszont a wsdl-ben benne van:

```
<xsd:complexType name="Array">
  <xsd:complexContent>
    <xsd:restriction base="SOAP-ENC:Array">
      <xsd:attribute ref="SOAP-ENC:arrayType" wsdl:arrayType="tns:pair[]" />
    </xsd:restriction>
  </xsd:complexContent>
</xsd:complexType>
```

Elre is köszöi a segítséget!  
pentike

**A jelenlegi kód, ami a hívást jól elvégzi, csak nem tudom kiszedni a visszatérési értéket:**

```
Service service = new Service();
Call call = (Call) service.createCall();
call.setTargetEndpointAddress(endpoint);
call.setEncodingStyle(namespaceURI);
call.registerTypeMapping(org.w3c.dom.Element.class, new QName(
    "unnamed_struct_use_soapval"),
    new ElementSerializerFactory(),
    new ElementDeserializerFactory());

call
    .setOperationName(new QName(
        "http://localhost/zeneszapro/services/soap/",
        "user.login"));
QName xmlType = new QName("string");
Element[] ret = (Element[]) call.invoke(new Object[] { "sessionId",
    "Admin", "12zeneszapro34" });
for (Element e : ret) {
    System.out.println("WS returned: " + e.getTextContent() + " "
        + e.getNodeName() + " " + e.getNodeType());
}
```

pentike@saman:~/java/axis-1\_4/lib\$ java -cp .:axis.jar:wsdl4j-1.5.1.jar:commons-discovery-0.2.jar:commons-logging-1.0.4.jar:jaxrpc.jar:log4j.properties:log4j-1.2.8.jar org.apache.axis.wsdl.WSDL2Java -o za za.wsdl

- Unable to find required classes (javax.activation.DataHandler and javax.mail.internet.MimeMultipart). Attachment support is disabled.

java.io.IOException: Type {http://www.w3.org/2001/XMLSchema}Array is referenced but not defined.  
at org.apache.axis.wsdl.symbolTable.SymbolTable.checkForUndefined(SymbolTable.java:665)  
at org.apache.axis.wsdl.symbolTable.SymbolTable.add(SymbolTable.java:545)  
at org.apache.axis.wsdl.symbolTable.SymbolTable.populate(SymbolTable.java:518)  
at org.apache.axis.wsdl.symbolTable.SymbolTable.populate(SymbolTable.java:495)  
at org.apache.axis.wsdl.gen.Parser\$WSDLRunnable.run(Parser.java:361)  
at java.lang.Thread.run(Thread.java:619)

**A WSDL:**

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<definitions xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:tns="http://localhost/zeneszapro/services/soap/" xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/" xmlns="http://schemas.xmlsoap.org/wsdl/" targetNamespace="http://localhost/zeneszapro/services/soap/">
  <types>
    <xsd:schema targetNamespace="http://localhost/zeneszapro/services/soap/">
      <xsd:import namespace="http://schemas.xmlsoap.org/soap/encoding/" />
      <xsd:import namespace="http://schemas.xmlsoap.org/wsdl/" />
      <xsd:complexType name="pair">
        <xsd:all>
          <xsd:element name="title" type="xsd:string"/>
          <xsd:element name="value" type="xsd:string"/>
        </xsd:all>
      </xsd:complexType>
      <xsd:complexType name="Array">
        <xsd:complexContent>
          <xsd:restriction base="SOAP-ENC:Array">
            <xsd:attribute ref="SOAP-ENC:arrayType" wsdl:arrayType="tns:pair[]" />
          </xsd:restriction>
        </xsd:complexContent>
      </xsd:complexType>
    </xsd:schema>
  </types>
  <message name="login" xmlns:tns="http://localhost/zeneszapro/services/soap/">
    <part name="sessionId" type="xsd:string"/>
    <part name="username" type="xsd:string"/>
    <part name="password" type="xsd:string"/>
  </message>
  <portType name="tUser" xmlns:tns="http://localhost/zeneszapro/services/soap/">
    <operation name="login">
      <input message="tns:login" />
      <output message="tns:loginResponse" />
    </operation>
  </portType>
  <binding name="tUserBinding" type="tUser" xmlns:tns="http://localhost/zeneszapro/services/soap/">
    <soap:binding style="rpc" />
  </binding>
  <service name="tUserService" xmlns:tns="http://localhost/zeneszapro/services/soap/">
    <port name="tUser" binding="tUserBinding" />
  </service>
</definitions>
```

```

    </xsd:complexContent>
  </xsd:complexType>
</xsd:schema>

</types>
<message name="search.searchNodesRequest">
  <part name="sessid" type="xsd:string" />
  <part name="search_keys" type="xsd:string" />
  <part name="simple" type="xsd:string" /></message>
<message name="search.searchNodesResponse">
  <part name="return" type="xsd:Array" /></message>
<message name="search.searchUsersRequest">
  <part name="sessid" type="xsd:string" />
  <part name="search_keys" type="xsd:string" /></message>
<message name="search.searchUsersResponse">
  <part name="return" type="xsd:Array" /></message>
<message name="user.loginRequest">
  <part name="sessid" type="xsd:string" />
  <part name="username" type="xsd:string" />
  <part name="password" type="xsd:string" /></message>
<message name="user.loginResponse">
  <part name="return" type="xsd:Array" /></message>
<message name="user.logoutRequest">
  <part name="sessid" type="xsd:string" /></message>
<message name="user.logoutResponse">
  <part name="return" type="xsd:Array" /></message>

<portType name="DrupalSoapPortType">
  <operation name="search.searchNodes">
    <documentation>Searches nodes according to keys via hook_search.</documentation>
    <input message="tns:search.searchNodesRequest"/>
    <output message="tns:search.searchNodesResponse"/>
  </operation>
  <operation name="search.searchUsers">
    <documentation>Searches users according to keys via hook_search.</documentation>
    <input message="tns:search.searchUsersRequest"/>
    <output message="tns:search.searchUsersResponse"/>
  </operation>
  <operation name="user.login">
    <documentation>Logs in a user.</documentation>
    <input message="tns:user.loginRequest"/>
    <output message="tns:user.loginResponse"/>
  </operation>
  <operation name="user.logout">
    <documentation>Logs out a user.</documentation>
    <input message="tns:user.logoutRequest"/>
    <output message="tns:user.logoutResponse"/>
  </operation>
</portType>
<binding name="DrupalSoapBinding" type="tns:DrupalSoapPortType">
  <soap:binding style="rpc" transport="http://schemas.xmlsoap.org/soap/http"/>
  <operation name="search.searchNodes">
    <soap:operation soapAction="http://localhost/zeneszapro/services/soap/search.searchNodes" style="rpc"/>
    <input><soap:body use="encoded" namespace="http://localhost/zeneszapro/services/soap/" encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" /></input>
    <output><soap:body use="encoded" namespace="http://localhost/zeneszapro/services/soap/" encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" /></output>
  </operation>
  <operation name="search.searchUsers">
    <soap:operation soapAction="http://localhost/zeneszapro/services/soap/search.searchUsers" style="rpc"/>
    <input><soap:body use="encoded" namespace="http://localhost/zeneszapro/services/soap/" encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" /></input>
    <output><soap:body use="encoded" namespace="http://localhost/zeneszapro/services/soap/" encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" /></output>
  </operation>
  <operation name="user.login">
    <soap:operation soapAction="http://localhost/zeneszapro/services/soap/user.login" style="rpc"/>
    <input><soap:body use="encoded" namespace="http://localhost/zeneszapro/services/soap/" encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" /></input>
    <output><soap:body use="encoded" namespace="http://localhost/zeneszapro/services/soap/" encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" /></output>
  </operation>
  <operation name="user.logout">
    <soap:operation soapAction="http://localhost/zeneszapro/services/soap/user.logout" style="rpc"/>
    <input><soap:body use="encoded" namespace="http://localhost/zeneszapro/services/soap/" encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" /></input>
    <output><soap:body use="encoded" namespace="http://localhost/zeneszapro/services/soap/" encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" /></output>
  </operation>

```

```
    </operation>
  </binding>
  <service name="DrupalSoap">
    <port name="DrupalSoapPort" binding="tns:DrupalSoapBinding">
      <soap:address location="http://localhost/zeneszapro/services/soap/" />
    </port>
  </service>
</definitions>
```