

# TspaceWSDL

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<?xml version="1.0" encoding="UTF-8"?>
<wsdl:definitions
  targetNamespace="urn:service.tspace.vizier.services.ncsa"
  xmlns:impl="urn:service.tspace.vizier.services.ncsa"
  xmlns:intf="urn:service.tspace.vizier.services.ncsa"
  xmlns:apachesoap="http://xml.apache.org/xml-soap"
  xmlns:wsdlsoap="http://schemas.xmlsoap.org/wsdl/soap/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <!--WSDL created by Apache Axis version: 1.2.1
        Built on Jun 14, 2005 (09:15:57 EDT)-->
  <wsdl:types>
    <schema xmlns="http://www.w3.org/2001/XMLSchema"
      targetNamespace="urn:service.tspace.vizier.services.ncsa"
      elementFormDefault="qualified">
      <element name="writeB">
        <complexType>
          <sequence>
            <element name="in0" type="xsd:string"
              maxOccurs="unbounded" />
          </sequence>
        </complexType>
      </element>
      <element name="writeBResponse">
        <complexType>
          <sequence>
            <element name="writeBReturn" type="xsd:int"
              maxOccurs="unbounded" />
          </sequence>
        </complexType>
      </element>
      <element name="take">
        <complexType>
          <sequence>
            <element name="in0" type="xsd:string" />
            <element name="in1" type="xsd:int" />
            <element name="in2" type="xsd:long" />
          </sequence>
        </complexType>
      </element>
      <element name="takeResponse">
        <complexType>
          <sequence>
            <element name="takeReturn" type="xsd:string"
              maxOccurs="unbounded" />
          </sequence>
        </complexType>
      </element>
      <element name="takeNB">
        <complexType>
          <sequence>
            <element name="in0" type="xsd:string" />
            <element name="in1" type="xsd:int" />
          </sequence>
        </complexType>
      </element>
      <element name="takeNBResponse">
        <complexType>
          <sequence>
            <element name="takeNBReturn" type="xsd:string"
              maxOccurs="unbounded" />
          </sequence>
        </complexType>
      </element>
    </schema>
  </wsdl:types>

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        <element name="write">
            <complexType>
                <sequence>
                    <element name="in0" type="xsd:string" />
                </sequence>
            </complexType>
        </element>
        <element name="writeResponse">
            <complexType>
                <sequence>
                    <element name="writeReturn" type="xsd:int" />
                </sequence>
            </complexType>
        </element>
        <element name="read">
            <complexType>
                <sequence>
                    <element name="in0" type="xsd:string" />
                    <element name="in1" type="xsd:int" />
                </sequence>
            </complexType>
        </element>
        <element name="readResponse">
            <complexType>
                <sequence>
                    <element name="readReturn" type="xsd:string"
                        maxOccurs="unbounded" />
                </sequence>
            </complexType>
        </element>
    </schema>
</wsdl:types>
<wsdl:message name="takeNBResponse">
    <wsdl:part name="parameters" element="impl:takeNBResponse" />
</wsdl:message>
<wsdl:message name="readRequest">
    <wsdl:part name="parameters" element="impl:read" />
</wsdl:message>
<wsdl:message name="writeBRequest">
    <wsdl:part name="parameters" element="impl:writeB" />
</wsdl:message>
<wsdl:message name="writeBResponse">
    <wsdl:part name="parameters" element="impl:writeBResponse" />
</wsdl:message>
<wsdl:message name="readResponse">
    <wsdl:part name="parameters" element="impl:readResponse" />
</wsdl:message>
<wsdl:message name="takeNBRequest">
    <wsdl:part name="parameters" element="impl:takeNB" />
</wsdl:message>
<wsdl:message name="takeResponse">
    <wsdl:part name="parameters" element="impl:takeResponse" />
</wsdl:message>
<wsdl:message name="writeResponse">
    <wsdl:part name="parameters" element="impl:writeResponse" />
</wsdl:message>
<wsdl:message name="writeRequest">
    <wsdl:part name="parameters" element="impl:write" />
</wsdl:message>
<wsdl:message name="takeRequest">
    <wsdl:part name="parameters" element="impl:take" />
</wsdl:message>
<wsdl:portType name="ITupleSpace">
    <wsdl:operation name="writeB">
        <wsdl:input name="writeBRequest"
            message="impl:writeBRequest" />
        <wsdl:output name="writeBResponse"
            message="impl:writeBResponse" />
    </wsdl:operation>
    <wsdl:operation name="take">
        <wsdl:input name="takeRequest" message="impl:takeRequest" />
    </wsdl:operation>

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        <wsdl:output name="takeResponse"
            message="impl:takeResponse" />
    </wsdl:operation>
    <wsdl:operation name="takeNB">
        <wsdl:input name="takeNBRequest"
            message="impl:takeNBRequest" />
        <wsdl:output name="takeNBResponse"
            message="impl:takeNBResponse" />
    </wsdl:operation>
    <wsdl:operation name="write">
        <wsdl:input name="writeRequest" message="impl:writeRequest" />
        <wsdl:output name="writeResponse"
            message="impl:writeResponse" />
    </wsdl:operation>
    <wsdl:operation name="read">
        <wsdl:input name="readRequest" message="impl:readRequest" />
        <wsdl:output name="readResponse"
            message="impl:readResponse" />
    </wsdl:operation>
</wsdl:portType>
<wsdl:binding name="TupleSpaceSoapBinding"
    type="impl:ITupleSpace">
    <wsdlsoap:binding style="document"
        transport="http://schemas.xmlsoap.org/soap/http" />
    <wsdl:operation name="writeB">
        <wsdlsoap:operation soapAction="" />
        <wsdl:input name="writeBRequest">
            <wsdlsoap:body use="literal" />
        </wsdl:input>
        <wsdl:output name="writeBResponse">
            <wsdlsoap:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="take">
        <wsdlsoap:operation soapAction="" />
        <wsdl:input name="takeRequest">
            <wsdlsoap:body use="literal" />
        </wsdl:input>
        <wsdl:output name="takeResponse">
            <wsdlsoap:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="takeNB">
        <wsdlsoap:operation soapAction="" />
        <wsdl:input name="takeNBRequest">
            <wsdlsoap:body use="literal" />
        </wsdl:input>
        <wsdl:output name="takeNBResponse">
            <wsdlsoap:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="write">
        <wsdlsoap:operation soapAction="" />
        <wsdl:input name="writeRequest">
            <wsdlsoap:body use="literal" />
        </wsdl:input>
        <wsdl:output name="writeResponse">
            <wsdlsoap:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="read">
        <wsdlsoap:operation soapAction="" />
        <wsdl:input name="readRequest">
            <wsdlsoap:body use="literal" />
        </wsdl:input>
        <wsdl:output name="readResponse">
            <wsdlsoap:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
</wsdl:binding>
<wsdl:service name="ITupleSpaceService">

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        <wsdl:port name="TupleSpace"
            binding="impl:TupleSpaceSoapBinding">
            <wsdlsoap:address
                location="http://localhost:8443/tspace/services/TupleSpace" />
        </wsdl:port>
    </wsdl:service>
</wsdl:definitions>
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