

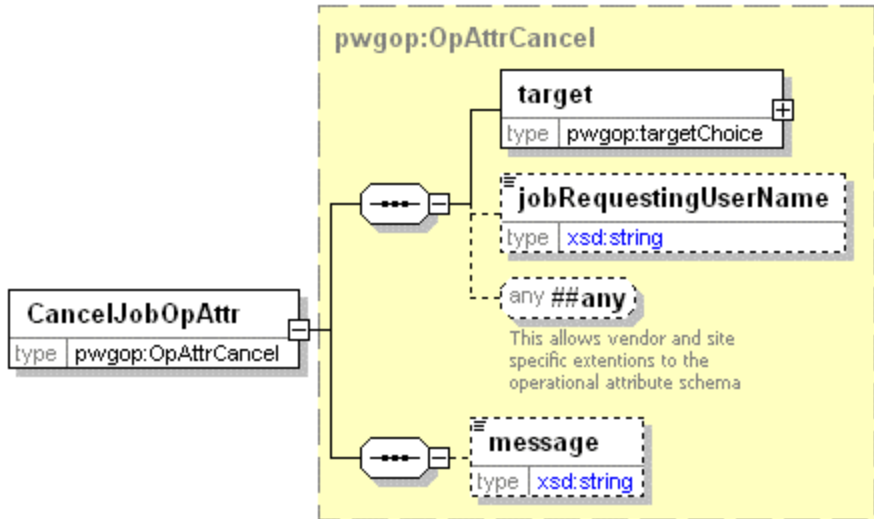
schema location: **PsiOpertational.xsd**
 targetNamespace: **http://www.pwg.org/pwgOpA/**

Elements	Complex types
AddDocumentOpAttr	OpAttrAddDocument
CancelJobOpAttr	OpAttrBase
CreateJobOpAttr	OpAttrCancel
GetJobAttributesOpAttr	OpAttrCreateJob
GetJobsOpAttr	OpAttrGetJobs
GetPrinterAttributesOpAttr	OpAttrGetPrinter
	OpAttrQueryBase
	targetChoice

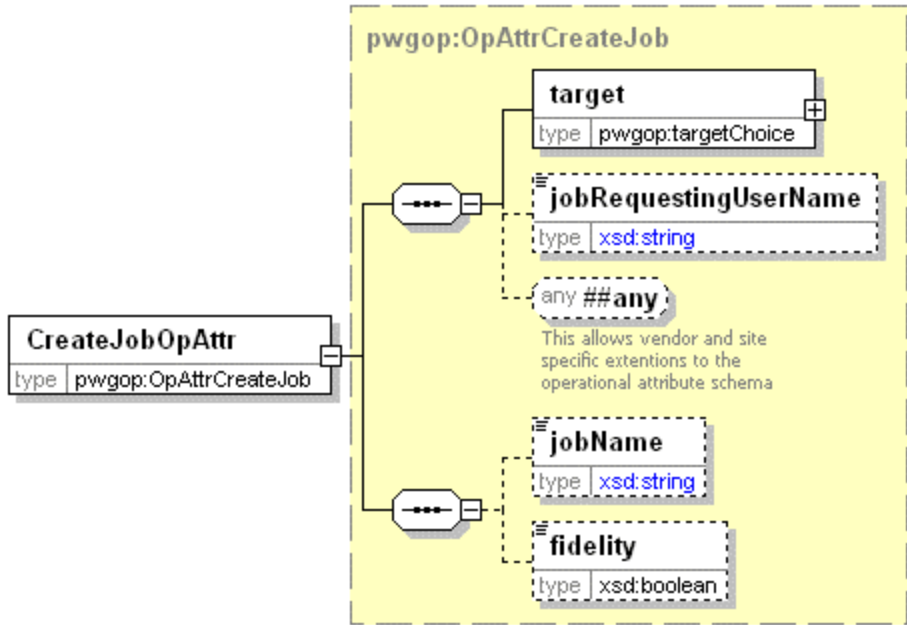
element **AddDocumentOpAttr**

diagram	
source	<pre><xsd:element name="AddDocumentOpAttr" type="pwgop:OpAttrAddDocument"/></pre>

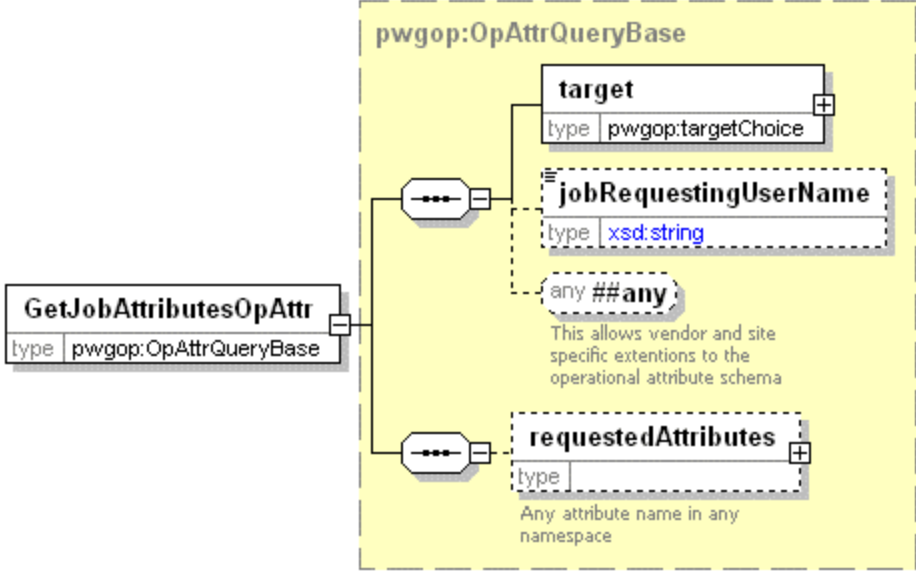
element **CancelJobOpAttr**

diagram	 The diagram illustrates the structure of the CancelJobOpAttr element. It is a container element of type <code>pwgop:OpAttrCancel</code>. Inside, it contains three child elements: target (type <code>pwgop:targetChoice</code>), jobRequestingUserName (type <code>xsd:string</code>), and message (type <code>xsd:string</code>). The target element is marked with a plus sign (+). The jobRequestingUserName and message elements are enclosed in dashed boxes. A note below the jobRequestingUserName element states: "This allows vendor and site specific extensions to the operational attribute schema".
source	<pre><xsd:element name="CancelJobOpAttr" type="pwgop:OpAttrCancel"/></pre>

element **CreateJobOpAttr**

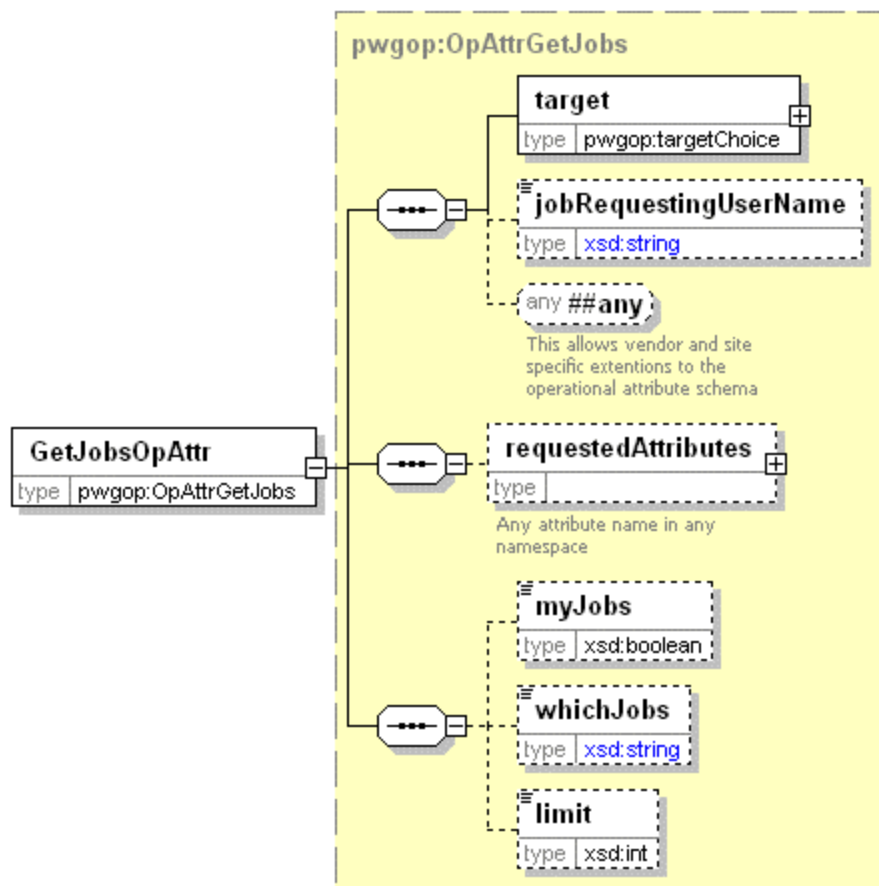
diagram	 The diagram illustrates the structure of the CreateJobOpAttr element. It is a container element of type <code>pwgop:OpAttrCreateJob</code>. Inside, it contains three child elements: target (type <code>pwgop:targetChoice</code>), jobRequestingUserName (type <code>xsd:string</code>), and jobName (type <code>xsd:string</code>). The target element is marked with a plus sign (+). The jobRequestingUserName and jobName elements are enclosed in dashed boxes. A note below the jobRequestingUserName element states: "This allows vendor and site specific extensions to the operational attribute schema".
source	<pre><xsd:element name="CreateJobOpAttr" type="pwgop:OpAttrCreateJob"/></pre>

element **GetJobAttributesOpAttr**

diagram	 The diagram illustrates the structure of the GetJobAttributesOpAttr element. It is a container element of type pwgop:OpAttrQueryBase. The structure is defined as follows: GetJobAttributesOpAttr (type: pwgop:OpAttrQueryBase) target (type: pwgop:targetChoice) jobRequestingUserName (type: xsd:string) any ##any (This allows vendor and site specific extensions to the operational attribute schema) requestedAttributes (type: Any attribute name in any namespace) The target and requestedAttributes elements are shown with a plus sign (+) indicating they are optional. The jobRequestingUserName and any ##any elements are shown with a dashed border, indicating they are optional.
source	<pre><xsd:element name="GetJobAttributesOpAttr" type="pwgop:OpAttrQueryBase"/></pre>

element GetJobsOpAttr

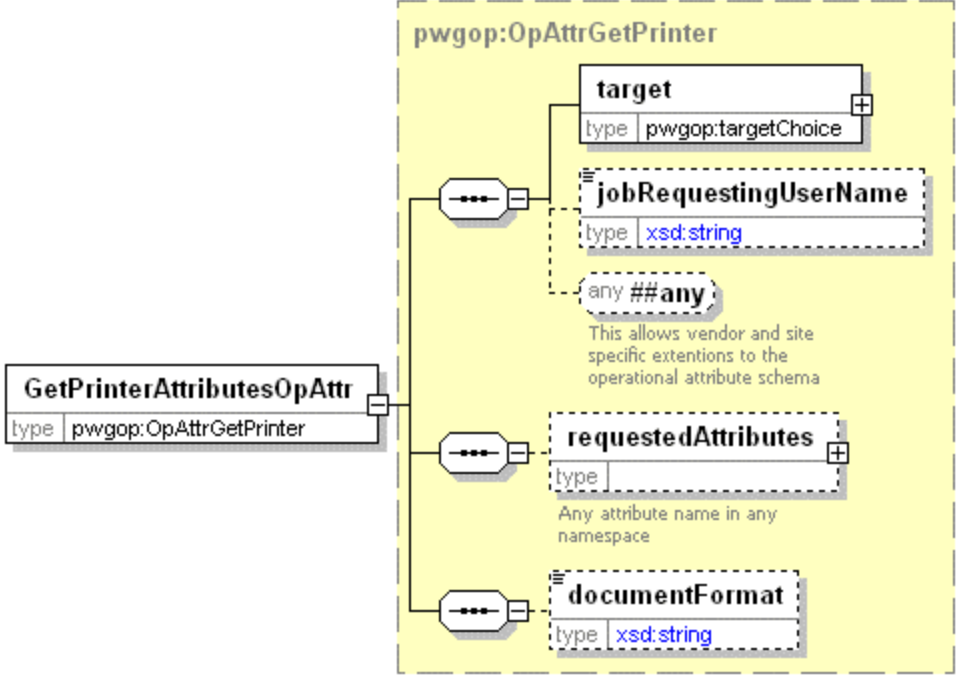
diagram



source

```
<xsd:element name="GetJobsOpAttr" type="pwgop:OpAttrGetJobs"/>
```

element **GetPrinterAttributesOpAttr**

diagram	 The diagram illustrates the structure of the GetPrinterAttributesOpAttr element. It is a container element of type <code>pwgop:OpAttrGetPrinter</code>. The element contains four optional child elements, each indicated by a dashed line and a plus sign in the original image: target: Type <code>pwgop:targetChoice</code>. jobRequestingUserName: Type <code>xsd:string</code>. Below this element is a note: "any ##any. This allows vendor and site specific extensions to the operational attribute schema". requestedAttributes: Type <code>any</code>. Below this element is a note: "Any attribute name in any namespace". documentFormat: Type <code>xsd:string</code>.
source	<pre><xsd:element name="GetPrinterAttributesOpAttr" type="pwgop:OpAttrGetPrinter"/></pre>

complexType OpAttrAddDocument

diagram	The diagram illustrates the structure of the OpAttrAddDocument complex type. It is a sequence of elements: target (type <code>pwgop:targetChoice</code>), jobRequestingUserName (type <code>xsd:string</code>), and an any ##any element. The any ##any element is part of the pwgop:OpAttrBase extension base, which allows for vendor and site-specific extensions. Below this base, there is a choice of elements: documentName (type <code>xsd:string</code>), compression (type <code>xsd:string</code>), documentFormat (type <code>xsd:string</code>), documentNaturalLanguage (type <code>xsd:string</code>), and lastDocument (type <code>xsd:boolean</code>).
used by	element AddDocumentOpAttr
source	<pre> <xsd:complexType name="OpAttrAddDocument"> <xsd:complexContent> <xsd:extension base="pwgop:OpAttrBase"> <xsd:sequence> <xsd:element name="documentName" nillable="true" minOccurs="0"> <xsd:simpleType> <xsd:restriction base="xsd:string"> <xsd:maxLength value="255"/> <xsd:whiteSpace value="preserve"/> </xsd:restriction> </xsd:simpleType> </xsd:element> <xsd:element name="compression" nillable="true" minOccurs="0"> <xsd:simpleType> <xsd:restriction base="xsd:string"> <xsd:maxLength value="63"/> </xsd:restriction> </xsd:simpleType> </xsd:element> </xsd:sequence> </xsd:extension> </xsd:complexContent> </xsd:complexType> </pre>

	<pre> <xsd:element name="documentFormat" nillable="true" minOccurs="0"> <xsd:simpleType> <xsd:restriction base="xsd:string"> <xsd:maxLength value="255"/> <xsd:whiteSpace value="preserve"/> </xsd:restriction> </xsd:simpleType> </xsd:element> <xsd:element name="documentNaturalLanguage" nillable="true" minOccurs="0"> <xsd:simpleType> <xsd:restriction base="xsd:string"> <xsd:maxLength value="255"/> </xsd:restriction> </xsd:simpleType> </xsd:element> <xsd:element name="lastDocument" type="xsd:boolean" minOccurs="0"/> </xsd:sequence> </xsd:extension> </xsd:complexContent> </xsd:complexType> </pre>
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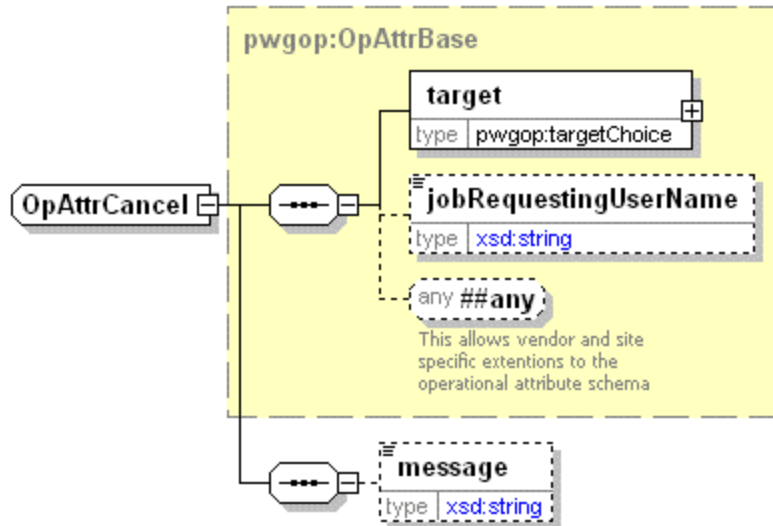
complexType OpAttrBase

diagram	
used by	complexTypes OpAttrAddDocument OpAttrCancel OpAttrCreateJob OpAttrQueryBase
source	<pre> <xsd:complexType name="OpAttrBase"> <xsd:sequence> <xsd:element name="target" type="pwgop:targetChoice"/> <xsd:element name="jobRequestingUserName" nillable="true" minOccurs="0"> <xsd:simpleType> <xsd:restriction base="xsd:string"> <xsd:maxLength value="255"/> <xsd:whiteSpace value="preserve"/> </xsd:restriction> </xsd:simpleType> </xsd:element> <xsd:any namespace="##any" minOccurs="0"> <xsd:documentation source="www.pwg.org">This allows vendor and site specific extensions to the operational attribute schema</xsd:documentation> </xsd:any> </xsd:sequence> </pre>

</xsd:complexType>

complexType OpAttrCancel

diagram



used by

element [CancelJobOpAttr](#)

source

```
<xsd:complexType name="OpAttrCancel">
  <xsd:complexContent>
    <xsd:extension base="pwgop:OpAttrBase">
      <xsd:sequence>
        <xsd:element name="message" nillable="true" minOccurs="0">
          <xsd:simpleType>
            <xsd:restriction base="xsd:string">
              <xsd:maxLength value="127"/>
              <xsd:whiteSpace value="preserve"/>
            </xsd:restriction>
          </xsd:simpleType>
        </xsd:element>
      </xsd:sequence>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>
```

complexType OpAttrCreateJob

diagram	The diagram illustrates the structure of the OpAttrCreateJob complex type. It is an extension of the pwgop:OpAttrBase type. The OpAttrCreateJob type contains two elements: jobName (type xsd:string) and fidelity (type xsd:boolean). The pwgop:OpAttrBase type contains three elements: target (type pwgop:targetChoice), jobRequestingUserName (type xsd:string), and any ##any (which allows for vendor and site specific extensions to the operational attribute schema).
used by	element CreateJobOpAttr
source	<pre> <xsd:complexType name="OpAttrCreateJob"> <xsd:complexContent> <xsd:extension base="pwgop:OpAttrBase"> <xsd:sequence> <xsd:element name="jobName" minOccurs="0"> <xsd:simpleType> <xsd:restriction base="xsd:string"> <xsd:maxLength value="255"/> <xsd:whiteSpace value="preserve"/> </xsd:restriction> </xsd:simpleType> </xsd:element> <xsd:element name="fidelity" type="xsd:boolean" minOccurs="0"/> </xsd:sequence> </xsd:extension> </xsd:complexContent> </xsd:complexType> </pre>

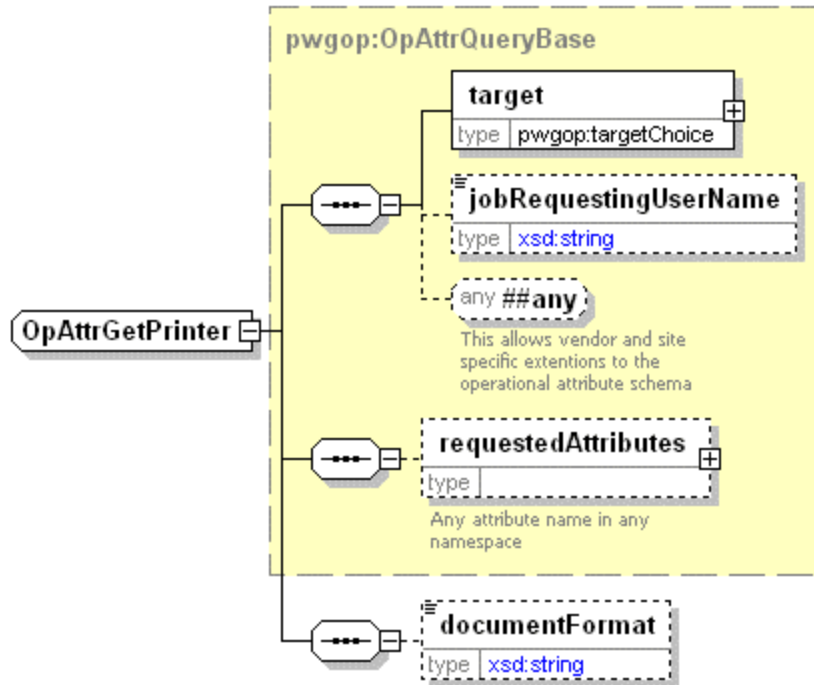
complexType OpAttrGetJobs

diagram	
used by	element GetJobsOpAttr
source	<pre> <xsd:complexType name="OpAttrGetJobs"> <xsd:complexContent> <xsd:extension base="pwgop:OpAttrQueryBase"> <xsd:sequence> <xsd:element name="myJobs" type="xsd:boolean" minOccurs="0"/> <xsd:element name="whichJobs" nillable="true" minOccurs="0"> <xsd:annotation> <xsd:appinfo source="www.pwg.org">completed</xsd:appinfo> <xsd:appinfo source="www.pwg.org">not-completed</xsd:appinfo> </xsd:annotation> <xsd:simpleType> <xsd:restriction base="xsd:string"> <xsd:maxLength value="255"/> </xsd:restriction> </xsd:simpleType> </xsd:element> <xsd:element name="limit" type="xsd:int" minOccurs="0"/> </xsd:sequence> </xsd:extension> </xsd:complexContent> </pre>

</xsd:complexType>

complexType OpAttrGetPrinter

diagram



used by

element [GetPrinterAttributesOpAttr](#)

source

```
<xsd:complexType name="OpAttrGetPrinter">
  <xsd:complexContent>
    <xsd:extension base="pwgop:OpAttrQueryBase">
      <xsd:sequence>
        <xsd:element name="documentFormat" minOccurs="0">
          <xsd:simpleType>
            <xsd:restriction base="xsd:string">
              <xsd:maxLength value="255"/>
              <xsd:whiteSpace value="preserve"/>
            </xsd:restriction>
          </xsd:simpleType>
        </xsd:element>
      </xsd:sequence>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>
```

complexType OpAttrQueryBase

diagram	
used by	element GetJobAttributesOpAttr complexType OpAttrGetJobs OpAttrGetPrinter
source	<pre> <xsd:complexType name="OpAttrQueryBase"> <xsd:complexContent> <xsd:extension base="pwgop:OpAttrBase"> <xsd:sequence> <xsd:element name="requestedAttributes" nillable="true" minOccurs="0"> <xsd:annotation> <xsd:documentation source="www.pwg.org">Any attribute name in any namespace</xsd:documentation> </xsd:annotation> </xsd:element> <xsd:complexType> <xsd:sequence> <xsd:element name="name" type="xsd:string" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType> </xsd:sequence> </xsd:extension> </xsd:complexContent> </xsd:complexType> </pre>

complexType targetChoice

diagram	<pre> graph LR targetChoice --> choice1 choice1 --> printerUri1[printerUri type xsd:anyURI] choice1 --> choice2 choice2 --> jobUri[jobUri type xsd:anyURI] choice2 --> sequence sequence --> printerUri2[printerUri type xsd:anyURI] sequence --> jobId[jobId type xsd:int] </pre>
used by	element OpAttrBase/target
source	<pre> <xsd:complexType name="targetChoice"> <xsd:choice> <xsd:element name="printerUri"> <xsd:simpleType> <xsd:restriction base="xsd:anyURI"> <xsd:maxLength value="1023"/> </xsd:restriction> </xsd:simpleType> </xsd:element> <xsd:choice> <xsd:element name="jobUri"> <xsd:simpleType> <xsd:restriction base="xsd:anyURI"> <xsd:maxLength value="1023"/> </xsd:restriction> </xsd:simpleType> </xsd:element> <xsd:sequence> <xsd:element name="printerUri"> <xsd:simpleType> <xsd:restriction base="xsd:anyURI"> <xsd:maxLength value="1023"/> </xsd:restriction> </xsd:simpleType> </xsd:element> <xsd:element name="jobId" type="xsd:int"/> </xsd:sequence> </xsd:choice> </xsd:choice> </xsd:complexType> </pre>