

Re: Exporting SQL Server data to XML

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.xml/2009-02/msg00007.html>

- *From:* Amir Tohidi <AmirTohidi@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 5 Feb 2009 08:13:19 -0800
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Hi

Thanks for the reply.

Came across Altova's MapForce which I think will do the job. Looks great and very easy to use to.

"Joe Fawcett" wrote:

I don't think there's a built in way to create XML that conforms to a known schema. I would just use a FOR XML PATH query and hand craft it. Can be difficult, I know.

There are tools that can show you what the instance document should look like if you don't understand XML Schema documents. (Visual Studio 2008 SP1 for example, load the schema, right click the root element and create an instance.)

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Joe Fawcett (MVP - XML)

<http://joe.fawcett.name>

"Amir Tohidi" <AmirTohidi@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:7D3C21E0-A540-4914-A452-86EBD065C3AE@xxxxxxxxxxxxxxxxxxxx

Hello

Can anyone please suggest the best way to address the following problem (I did Google, but couldn't find anything):

I have been given a SQL Server database and an XSD file. The requirement is to export the SQL Server data into an XML document that conforms to the supplied XSD.

I am .NET / SQL Server developer, yet I have not previously had to do anything like this. More importantly, I have not done any XSD stuff

Re: Exporting SQL Server data to XML

before.

Does SQL Server / .NET Framework help with this? I need the simplest solution possible please as time is of the essence.

Thanks
Amir

Excerpt from the XSD:

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- edited with XMLSpy v2008 sp1 (http://www.altova.com) by Richard
(Department For Education & Skills) -->
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema
xmlns:bs7666="http://www.govtalk.gov.uk/people/bs7666
xmlns:core="http://www.govtalk.gov.uk/core
<xs:element name="ParticipantInformation">
  <xs:annotation>
    <xs:documentation>ESF2007 Participant training event
information</xs:documentation>
  <xs:appinfo>
    <Creator>Project ESF2007</Creator>
    <Created>2008-05-20</Created>
    <Modified>2008-05-22</Modified>
  </xs:appinfo>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ProvidingOrganisation">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="50"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="TransferDate" type="core:DateType"/>
      <xs:element ref="Region" maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="SchemaVersion" type="xs:NMTOKEN" use="required"
fixed="0.3"/>
  </xs:complexType>
</xs:element>
<xs:element name="Region">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="RegionCode">
        <xs:simpleType>
          <xs:restriction base="RegionCodeType"/>
        </xs:simpleType>
      </xs:element>
```

Re: Exporting SQL Server data to XML

```
<xs:element name="RegionName">  
<xs:simpleType>  
<xs:restriction base="xs:string">  
<xs:maxLength value="50"/>  
</xs:restriction>  
</xs:simpleType>  
</xs:element>  
<xs:element ref="Agreement" maxOccurs="unbounded"/>  
</xs:sequence>  
</xs:complexType>  
</xs:element>
```