

Re: Setting Up XML DB

Source: <http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.general/2004-05/0473.html>

From: Wayne Wengert (wayneDONTWANTSPAM_at_wengert.com)

Date: 05/05/04

Date: Wed, 5 May 2004 16:19:45 -0600

Thanks for the continued education.

When you say you loaded my XML into a dataset, exactly how did you do that?

As for the tables, there is no link – I can easily give each show data entry an identity value ("ShowID") and then use that as a link in the entries table.

Wayne

"William Ryan eMVP" <dotnetguru@comcast.nospam.net> wrote in message news:O0CPL9tMEHA.1312@TK2MSFTNGP12.phx.gbl...

> I just loaded your xml into a dataset and got two tables as expected. In
> your dataset or object, you need a link between the two, there doesn't
> appear to be one. If one value is common in both tables, then you can use
a

> DataRelation and the rest is really easy, I can walk you through it in a
few

> minutes. However, do I understand the structure correctly in that there is
> some sort of relationship between the two, some link between the two
> tables.?

> "Wayne Wengert" <wayneDONTWANTSPAM@wengert.com> wrote in message
> news:#wnss#rMEHA.3012@tk2msftngp13.phx.gbl...

>> Thanks for the help here. I know I am confused on procedures and terms
for

>> all this. Basically, I want to end up with an XML file similar to the
one

>> shown below. I currently have 2 arrays – one with just the common show
> data

>> (showname and showdate) and another array with sets of values for each
> entry

>> (name, team, event, time).

>>

>> From what I've read I believe I want to create a new datatable for each
of

>> those 2 current arrays and define columns as appropriate? But since the

>> contest data table will have just one row and the entries table will
have

> > *many rows I don't see how to build an object from which I can export the
> XML*
> > *I need. I've thought of a cross join (right term?) where the output will
> > consist of rows where the contest data is repeated in each row. That
seems
> > inefficient?*
> >
> > *Any pointers are much appreciated*
> >
> > =====
> >
> > <contest>
> > <contestinfo>
> > <contestname>South Side Contest</contestname>
> > <contestdate>2004-05-07</contestdate>
> > </contestinfo>
> > <entry>
> > <name>Johnny Jones</name>
> > <team>Marauders</team>
> > <event>Relay Race</event>
> > <time>10:30 AM</time>
> > </entry>
> > <entry>
> > <name>Mary Smith</name>
> > <team>Marauders</team>
> > <event>Relay Race</event>
> > <time>10:30 AM</time>
> > </entry>
> > <entry>
> > <name>Ed Brown</name>
> > <team>Hot Shots</team>
> > <event>200 Yd</event>
> > <time>10:45 AM</time>
> > </entry>
> > <entry>
> > <name>Jack Green</name>
> > <team>Marauders</team>
> > <event>200 Yd</event>
> > <time>10:45 AM</time>
> > </entry>
> > </contest>
> > =====
> >
> > Wayne
> >
> > "William Ryan eMVP" <dotnetguru@comcast.nospam.net> wrote in message
> > news:ehM7\$4qMEHA.936@TK2MSFTNGP11.phx.gbl...
> > > Hi Wayne:
> > >
> > > What part do you need? I'll try to find something in particular.
> > >

> > > *if you have a datatab;le, the rest is easy:*
> > >
> > > *DataSet ds = new DataSet();*
> > > *ds.Tables.Add(DataTableYouCretaed);*
> > > *ds.WriteXML(@"Path:\Fielname.xml");*
> > >
> > > *then, set up a dataadapter and just call update*
> > > *dataAdapter1.Update(ds.Tables[0]) //you may need multiple adapters*
> > *depending*
> > > *on how many tables you have.*
> > >
> > > *HTH,*
> > >
> > > *Bill*
> > > *"Wayne Wengert" <wayneDONTWANTSPAM@wengert.com> wrote in message*
> > > *news:uplJDxqMEHA.2780@TK2MSFTNGP09.phx.gbl...*
> > > > *William;*
> > > >
> > > > *Thanks for the reply. Do you have a pointer to information or*
examples
> > *of*
> > > > *how to accomplish this? I am feeling like it is a catch 22 since the*
> > *only*
> > > > *way I see to get a datatable is to have a dataset to contain it but*
I
> > *have*
> > > > *not yet created the dataset. I am unsure of how to accomplish this.*
> > > >
> > > > *Wayne*
> > > >
> > > > *"William Ryan eMVP" <dotnetguru@comcast.nospam.net> wrote in message*
> > > > *news:%23UdeCkqMEHA.2500@TK2MSFTNGP12.phx.gbl...*
> > > > > *One easy way is to load the data into a datatable instead of*
arrays,
> > *or*
> > > > *use*
> > > > > *the arrays to load a datatable. Put the datatable in a dataset*
and
> > *use*
> > > > *the*
> > > > > *.WriteXML method to write it and DataSet.ReadXML to read it.*
> > > > >
> > > > > *You can also make your Arrays memebers of a class and mark the*
class
> > *as*
> > > > > *Serializable and use the serialization libraries to accomplish*
this.
> > > > >
> > > > > *HTH,*
> > > > >
> > > > > *Bill*

