

Re: DTS Environment Control

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From: Allan Mitchell (allan_at_no-spam.sqldts.com)

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In your Dev environment you have a source of Dev1 and a destination of Dev2.
In your Test environment they are called Test1 and Test2. etc etc

You could use Alias names of Source and Destination

On the PCs that will execute the packages in each environment you set up the aliases to point to the correct server. This means they resolve at runtime to the correct servers. At design time you create the aliases on your box and use them in the Connection properties. You never need to change them in the package.

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Allan Mitchell MCSE,MCDBA, (Microsoft SQL Server MVP)
www.SQLDTS.com - The site for all your DTS needs.
www.konesans.com - Consultancy from the people who know
"Joe Horton" <horj235 at lni dot wa dot gov> wrote in message
news:eaX80fCceHA.384@TK2MSFTNGP10.phx.gbl...
> So what sort of alias names do you use - I guess I'm sort of confused how
to
> use it.
>
>
> Let's say my servers just happened to be named by environment, so I would
> have SQL boxes called: DEV, TEST, PREPROD, and PROD.
>
> How would I set up my aliases?
>
>
> "Allan Mitchell" <allan@no-spam.sqldts.com> wrote in message
> news:ucxN8JAcEHA.4092@TK2MSFTNGP10.phx.gbl...
> > You are right it can be hairy.
> >
> > I have the same environments as you so I do this.
> >
> > I know I have machines which will execute packages in a given
environment.
> > I am about the only person that will execute packages in all 4. I like
to
> > make aliases to my SQL servers using CliConfig. This way I do not need
to
> > ever change them again after I have built my packages. If i need other
> > information like The XL file for production location I can store that in
a
> > table on the aliased server and retrieve it through a DP task.
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> >
> > This means I need to make sure that the boxes that will call my packages
> in
> > each environment have aliases set up. The users will not have
permissions
> > onto environments which they shouldn't.
> >
> > In your 200 table wizard generated package you could simply use the
object
> > model to change the Data Source properties to an Aliased Server then
save
> > the package back out.
> >
> > HTH
> >
> > --
> > --
> >
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> > "Joe Horton" <horj235 at lni dot wa dot gov> wrote in message
> > news:uqvJkDAcEHA.4092@TK2MSFTNGP11.phx.gbl...
> > DTS Environment Control
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> > What solutions have other worked up to handle DTS packages and
promotions
> > through their different environments?
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> > In our scenario we have a 4 tier environment (Dev/Test/PreProd/Prod).
The
> > challenge is when you promote your packages up; the connections have to
be
> > changed to reflect the new environment. For simple packages it's not
too
> > big of deal - but for more complete ones - you can spend an hour
carefully
> > changing all your connections. Try promoting a package that
> imports/exports
> > 200 tables that was created with the wizard - there is a separate
> connection
> > for every table.
> >
> >
> >
> > I had one solution where we would add an ActiveX script task as the very
> > first step, that would determine what SERVER the package was executing
> > from - and based on that would dynamically change all the connections by
> > looking up the package name and server from a DB. Of course that was
> hairy
> > to use because when you develop your DTS package and run it, it is
running
> > in the context of YOUR machine, despite being saved on a different
server.
> > The environment control solution I developed was really only useful when
> the

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> > package was ran as a scheduled job - as then it was truly running as a job
> > on one of the 4 tier environments. The DBA's shot my solution down as it
> > required that I keep the batch login user names and passwords in my control
> > table that was used to change the connections based on the environment the
> > package was running from.
> >
> >
> >
> > The other problem is source control - we use VSS. If I have a package
> > called XYZ that grabs files from an FTP location every morning - my XYZ
> > package for DEV will look different than the XYZ package for TEST. I
> > could
> > pre-pend the environment in front of the package name and have DEV-XYZ,
> > TEST-XYZ, PREPROD-XYZ, PROD-XYZ - but then imagine that we decided to add
> > one more step to message the data further or pick up more files within the
> > same package - I would have to make the changes to 4 different version of
> > the package called XYZ - or make it to one and re-save it across the
> > environments and change the connections for each environment.
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> > Anyone have better solutions?
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