

Re: Converting objects thru Web Services or Disconnected

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.webservices/2004-08/0047.html>

From: DC (*dinoch_at_online.microsoft.com*)

Date: 08/04/04

Date: Tue, 3 Aug 2004 22:05:12 -0400

also, maybe this article will help

<http://msdn.microsoft.com/library/en-us/dnservice/html/service07162002.asp>

-D

"Jeffrey Hasan" <anonymous@noemail.com> wrote in message
news:uR\$U5oSeEHA.3864@TK2MSFTNGP10.phx.gbl...

> You will need to cast the datatype explicitly, even though you know it's
the

> same type. It seems redundant, but if you think about it, there's only one
> workaround, which is to have both the Web service and the client reference
> the same type definition assembly. To do this, you would (ideally)
generate

> an XSD file for the custom type, then use xsd.exe to generate the code
> definition of the type. You would then compile this definition into an
> assembly, that you could reference from clients, services, whoever needed
> access to the exact same type definition.

>

> Of course, this approach is not practical in most cases, and it creates a
> level of tight coupling that goes against SOA tenets. So you pretty much
> have no choice but to treat the Web Service version and the local version
as

> two separate data types that can cast to eachother. I would still generate
> an XSD definition, because this abstracts the definition away from any one
> implementation.

>

> Jeffrey Hasan, MCSD
> President, Bluestone Partners, Inc.

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> Author of: *Expert SOA in C# Using WSE 2.0* (APress, 2004)

> <http://www.bluestonepartners.com/soa.aspx>

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> "John Wilson" <JW@nospam.com> wrote in message

> news:e2I\$5EeEHA.1652@TK2MSFTNGP09.phx.gbl...

>> I have an application that can access data both locally and through web

> > *services (it may be working in a disconnected mode). I have defined my
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> > this on the local machine and the webservice.
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>> I appreciate your help, please let me know if the above makes no sense.
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