

Re: How to do: Web Services returning a class that inherits arrayl

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet.webservices/2008-09/msg000>

- *From:* Hammer <Hammer@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 26 Sep 2008 12:28:06 -0700
-

I found the solution to my problem, when you add a WCF service – select the advance button, select the array dropdown and then select the appropriate array that applies to your situation.

Yupper, hidden to plain view....

Happy hunting...

"Hammer" wrote:

I beg differ,

its an array. Array types can be defined in the soap schema. I'm just trying to find out why doesn't mines get defined. I can update my reference files but it does me little good if I then update my web references.

Has anyone encounter this problem or has a possible solution?

Thanks,

"Registered User" wrote:

On Thu, 18 Sep 2008 11:31:04 -0700, Hammer
<Hammer@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

All,

I have a class called CartLine and I try to return this class in a Web Method I can not!

```
[Serializable]
public class Cartline: Arraylist
{
```

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```
// class properties and etc.  
}
```

The proxy reference doesn't contain any information even though I use the following:

```
[XmlInclude(typeof(ShoppingCart)),  
XmlInclude(typeof(Business.Cart))]  
public CartLine GetCartItem(String m_ShoppingCartUserId,  
Common.UserStatus eStatus)
```

And to add insult to injury, when I uses this web method calls to returns my class as object[] that I can not cast back to my business class.

Can anyone shed some light on how to accomplish this?

You're trying to return an object which contains both data and functionality which can't be done. The objects in the array are of a type declared within the web service's namespace. This is because not every client will know about the System.Collections namespace and its ArrayList type.

Web service types are described as simple objects because they are not based upon true object-oriented types. The SOAP in SOAP web service stands for Simple Object Access Protocol. A different mechanism will be needed to pass complex types.

regards
A.G.