

# Re: session sharing from ASP to ASP.NET

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*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2005-08/msg00044.html>

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- *From:* "Scott M." <[s-mar@xxxxxxxxxxxxxx](mailto:s-mar@xxxxxxxxxxxxxx)>
  - *Date:* Fri, 29 Jul 2005 20:54:06 -0400
- 

I'm sorry, but I'm not stating my opinion on this, it is a fact: Classic ASP and ASP.NET do not share session data.

The reason is actually quite easy to understand. Classic ASP pages process their code within the context of the Classic ASP "Engine" (ASP.dll). This component is what exposes the familiar Classic ASP intrinsic objects (Request, Response, Server, Application, Session & ASPError). ASP.NET pages do not process using this engine. Instead they process via the ASP.NET "Engine" (ASPNET\_ISAPI.dll), which also exposes intrinsic objects (like Application & Session) BUT they are NOT the SAME objects (not the same instances and not the same memory addresses), so you may have 1 application that has both .asp and .aspx pages in it and the .asp pages may be using Session and the .aspx pages may also be using Session, but these are 2 different Session objects and there is no built in way to port data from one to the other.

For most people who need to share session data, they will simply persist the data to some common repository that both architectures can get at (such as a database). But, since you are needing to persist not just name/value pairs of data, but instead need to persist COM objects, this becomes more difficult.

The only way you can use a COM object in ASP.NET is if you have a COM reference to the COM object (thus creating a Runtime Callable Wrapper or RCW) in the ASP.NET project. When this is done, you can instantiate the COM object from within ASP.NET and use it (remembering to use the Marshal class to release the COM object when you are done with it). But, to \*pass\* the COM object to ASP.NET from Classic ASP, you'll need to find a place to store the COM object that ASP.NET can get to and the Classic ASP Session object is not it.

"abcd" <[abcd@xxxxxxx](mailto:abcd@xxxxxxx)> wrote in message  
[news:OAmQhaFIFHA.3288@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:OAmQhaFIFHA.3288@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

>I can not change to ASP.NET pages to hold the COM instances. Its a huge  
>application and we dont want to spend more time on re-engineering. I have  
>added new functionaly in ASP.NET page and that requires the ASP session

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>variables...  
>  
> any samples !  
>  
> Microsoft must have considered such design consideration when they  
> developed ASP.NET. as there are millions of asp based applications.  
>  
> thanks  
>  
>  
> Scott M. wrote:  
>> Classic ASP pages and ASP.NET pages do not share session data. You  
>> must create your own "bridge" between the two architectures.  
>>  
>> One thought would be to use ASP.NET pages in place of the Classic ASP  
>> pages that make the instances of the COM objects and use .NET COM  
>> InterOp to instantiate the COM objects within the ASP.NET pages.  
>>  
>>  
>> "abcd" <abcd@xxxxxxx> wrote in message  
>> [news:23vjzf18kFHA.320@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:23vjzf18kFHA.320@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)  
>>> I have an ASP application. It instantiaties some COM components and  
>>> we put those COM components in Session variables...COM components  
>>> have license restrictions...We have written new ASPX page ( for  
>>> better GUI and faster development) and we will be using that ASPX  
>>> page along with our ASP application...how can I pass that Session  
>>> variable (which holds COM instance) to ASPX page so that I will be  
>>> working on same instance and will not consume licenses....  
>>>  
>>> thanks in advance  
>>>  
>>> cheers !  
>  
>

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• *Follow-Ups:*

◆ [\*\*Re: session sharing from ASP to ASP.NET\*\*](#)

◇ *From:* Patrick.O.Ige

- Prev by Date: [\*\*Re: How To Parse HTML Page in ASPX Page\*\*](#)
- Next by Date: [\*\*Session behavior\*\*](#)
- Previous by thread: [\*\*Re: How To Parse HTML Page in ASPX Page\*\*](#)
- Next by thread: [\*\*Re: session sharing from ASP to ASP.NET\*\*](#)
- Index(es):
  - ◆ [\*\*Date\*\*](#)
  - ◆ [\*\*Thread\*\*](#)