

Re: Creating COM server with C#

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<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2008-05/msg03010.html>

- *From:* Leon Lambert <lambertl@xxxxxxxx>
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m.a wrote:

"Marc Gravell" <marc.gravell@xxxxxxxx> wrote in message
news:epvwSkVwIHA.5472@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

You cannot AFAIK write a native COM server in C#.

What you *can* do is write a "serviced component" (i.e. a COM+ dll that you can host as a COM+ application in "Component Services").

<http://msdn.microsoft.com/en-us/library/ty17dz7h.aspx>

Alternatively, you can use a COM-server compatible framework to write a shim COM server to the managed (.NET) COM library (dll); for quick'n'dirty jobs I've used VB6 for this; or C++ if you are literate with it (I'm not very...).

Marc

Thanks Marc,
What is the difference between COM and COM+? I want to use my COM in matlab. Can I write COM+?

Regards

It is pretty easy to expose interfaces as COM. You just need to decorate the interface and or its methods with [ComVisible(true)] following is an example interface.

```
[ComVisible(true)]  
public interface ITypeDefinition : IDisposable  
{  
    /// <summary>  
    /// Get the name of this type  
    /// </summary>  
    String TypeName{get;}  
}
```

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Once you have the assembly built you can use the regasm tool to register it.

Use help on ComVisible and regasm to find out the details. You might check www.codeproject.com for examples. I find most everything I have questions about has some sort of example there.

Hope that helps.

Leon Lambert

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