

# Re: Creating a COM object

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*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2005-07/msg00347.html>

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  - *Date:* Mon, 4 Jul 2005 09:50:25 +0200
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If you add a reference to the COM object an interop class will be created in your solution. You can then access all the functionality of the COM object as though it were a C# class.

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"Carlos Lozano" <[CarlosLozano@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:CarlosLozano@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message  
<news:47644DDA-76B6-42B0-BD78-6DAF444F1C8B@xxxxxxxxxxxxxxxxxxxxx>

- > Hi,
- >
- > What is the right way to create an OCX COM component. The component is
- > already registered, but can't create an instance. I am using the
- > reference
- > to the interop module created.
- > If I use javascript or vbscript it works.
- >
- > I will appreciate any help.
- >
- > I do the following (C#):
- > Attempt # 1:

## Re: Creating a COM object

```
>
> using System;
> using MTMicrImage; // reference to the component
>
> public class oMirImage : MTMicrImage.MicrImage // derives from interface
> {
> // create an instance of the base to use it in the implementation
> private MTMicrImage.MicrImageClass obase = new
> MTMicrImage.MicrImageClass();
>
> public oMirImage()
> {
> }
>
> #region methods
> // All methods go here
> #endregion
>
> #region properties
> // All properties go here
> #endregion
> }
>
> Whn compiling I get an error saying "MTMicrImage.MicrImageClass " is not
> accessible due to its protection level
> Same happend if the class inherits from the base clalss and the inteface
> as
> follows:
> .
> .
> public class oMirImage : MTMicrImage.MTMicrImageClass,
> MTMicrImage.MicrImage // derives from interface
>
>
> Attempt # 2
>
> using System;
> using MTMicrImage; // reference to the component
> using System.Reflection;
>
> public class oMirImage : MTMicrImage.MicrImage // derives from interface
> {
> private MTMicrImage.MicrImageClass obase; // his works of not "new"
> is specified, but has null value.
>
> public oMirImage()
> {
> }
>
> private object createInstance()
> {
```

## Re: Creating a COM object

```
>
> object obj = null;
> try
> {
> obj =
> Activator.CreateCOMObjectFrom"c:\\Interop.file.dll",
> "InstanceMane");
> }
> catch (Exception e)
> {
>
>
> }
> return obj;
> }
>
> #region methods
> // All methods go here
> #endregion
>
> #region properties
> // All properties go here
> #endregion
> }
>
> Same problem as above.
>
> Want something weird! Read below:
> If I use vb scripting or javascript it works:
> //using javascript
> var oMicrImage = WScript.CreateObject("MTMicrImage.MicrImage")
>
> Thjis works, it creates the object just right.
>
> Thank you for your time.
>
> Carlos Lozano
```

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- **Follow-Ups:**

- ◆ **Re: Creating a COM object**  
◇ From: Carlos Lozano

- **References:**

- ◆ **Creating a COM object**  
◇ From: Carlos Lozano

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Re: Creating a COM object

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