

Re: Difference between Assembly and Module?

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<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2004-07/5856.html>

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A module is the code generated from a single file. A single file can contain one or more classes so a module may have one or more classes.

Classes, or modules, are distributed in Assemblies along with other embedded information such as resources in the form of strings and images. The types or modules themselves hold no version information. That's all maintained in the assembly.

The default method for creating an executable file, either EXE or DLL from Visual Studio is to compile all the files and make an assembly containing the modules defined in the project. You can however create assemblies manually using the Assembly Linker program AL.EXE. This enables you to create single assemblies from several other assemblies. AL can do this because it can extract the modules from one or more assemblies and create a new assembly containing them.

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Bob Powell [MVP]

Visual C#, System.Drawing

The Image Transition Library wraps up and LED style instrumentation is available in the June of Well Formed for C# or VB programmers

<http://www.bobpowell.net/currentissue.htm>

Answer those GDI+ questions with the GDI+ FAQ

http://www.bobpowell.net/qdiplus_faq.htm

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"Sky Sigal" <aspforums@xact-solutions.removethis.com> wrote in message news:OGsoq89cEHA.3928@TK2MSFTNGP09.phx.gbl...

> Uh...a bit ashamed to admit this now that I have been programming in C# for

> a while...but I still don't clearly understand from the documentation what
> the difference between an Assembly and a Module, and when I would use
> anything else than Assembly for reflection purposes...

>

> Assembly is the actual dll, or exe file, right?

>

> Module is...? A subset of an assembly? a superset? Nothing to do with it
at

> all?

>

> And btw: if an application has one exe, and 2 dll -- what is the term for

microsoft.public.dotnet.languages.csharp: Re: Difference between Assembly and Module?

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> this totality if any -- or just 'application'?  
>  
>  
> Sorry for being obtuse on this one ...  
> Sky  
>  
>  
>
```