

## Re: Calling DLL function from C# and char\*\* parameter type

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*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2008-01/msg01724.html>

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- *From:* "Rudy Velthuis" <[newsgroups@xxxxxxxxxxxxxx](mailto:newsgroups@xxxxxxxxxxxxxx)>
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TomazK wrote:

```
[DllImport("libmysqld.dll")]
private static extern int mysql_server_init(int argc, string[] argv,
string[] groups);

{
string[] argv = new string[1];
argv[0] = "mysql_test";

string[] groups = new string[2];
groups[0] = "libmysqld_server";
groups[1] = "libmysqld_client";

mysql_server_init(0, argv, groups);
}
```

Assuming that argc is an argument count, it should probably not be 0, and assuming that to each arg there is a group, you should probably have argc=2, and also have two (2)strings in each array:

```
{
string[] argv = new string[2];
argv[0] = "mysql_test";
argv[1] = argv[0];

string[] groups = new string[2];
groups[0] = "libmysqld_server";
groups[1] = "libmysqld_client";

mysql_server_init(2, argv, groups);
}
```

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Of course, I have no idea which strings are valid. Try to convert a C or C++ example, if you have one, to C#.

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Rudy Velthuis <http://rvelthuis.de>

"The object of war is not to die for your country but to make the other bastard die for his."

-- General George Patton (1885–1945)

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