

Re: Function in header file – newbie VC++/CLI

Source: <http://www.tech-archive.net/Archive/VC/microsoft.public.vc.language/2007-07/msg00063.html>

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When you move the function into a cpp file you have to put the class name in front of it:

```
void Form1::Status (String ^message)
{
...
}
```

Otherwise the compiler thinks it is a global function. I.e., not a member of any class.

--
Scott McPhillips [MVP VC++]

It doesn't resolve problem
Error 1 error C2653: 'Form1' : is not a class or namespace name
c:...\projects\header\header\function.h 5

For example if i make header file like this:
#pragma once

```
void Status (System::String ^message)

{

message = "global function";
```

```
};
```

works good. So problem isn't with that.

Problem occurs when I add to this function any command related with controls on Form.

For example:

```
/// function.h

#pragma once

void Status (System::String ^message)

{

message = "global function";

this->MessageBox::Show (message);

};
```

errors:

Error 1 error C2673: 'Status' : global functions do not have 'this' pointers c:\...\header\function.h 8

Error 2 error C2653: 'MessageBox' : is not a class or namespace name c:\...\header\function.h 8

Error 3 error C2227: left of '->Show' must point to class/struct/union/generic type c:\...\header\function.h 8

when i remove this-> errors are:

Error 1 error C2653: 'MessageBox' : is not a class or namespace name c:\...\header\function.h 8

Error 2 error C3861: 'Show': identifier not found c:\...\header\function.h 8

Problem is with pointer this->. I don't know what it can replace.

MessageBox will be work if add to header file using namespace System::Windows::Forms;