
Subject: multiple classes include-problem

Posted by [michael](#) on Mon, 25 Feb 2008 21:35:12 GMT

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This seems to be a beginners-problem in understanding classes...

Lets say i have two classes and two header-files:

class1.cpp

```
#include "class1.h"
```

```
class1::class1()
```

```
{  
//some code  
}
```

class1.h

```
#ifndef _testapp_class1_h  
#define _testapp_class1_h
```

```
using namespace Upp;
```

```
#include "class2.h"
```

```
class1  
{  
//some code  
};
```

```
#endif
```

class2.cpp

```
#include "class1.h"
```

```
class2::class2()
```

```
{  
//some code  
}
```

class2.h

```
#ifndef _testapp_class2_h  
#define _testapp_class2_h
```

```
using namespace Upp;
```

```
class2  
{  
  //some code  
};
```

```
#endif
```

Using MinGW compiling and linking went well, no errors, when using MSVC9 i get several "already defined" errors.

I'm sure this is no good class-design, but this was my only successful attempt to get the application running.

I need to access members of both classes in both classes.

How should a better class-design look like?

Thanks for helping.
