Subject: C2143 and other errors with any example code
Posted by DrOldies on Tue, 12 Feb 2019 21:09:10 GMT
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New to U++ (and any GUI framework) and other simple test packages compile and run. My 1st app will be similar to AddressBook examples I've found. However, importing just header code from any of the several AddressBook code examples causes numerous errors. Other answers I found to C2143 appear to be special cases.

Using TheIDE 11873 on Windows 10. I started with the package "ctrlLib application with main window." The follow code is from: "www.ultimatepp.org/examples$AddressBook$en-us.html"

```
/* AddressBook.lay*/
LAYOUT(AddressBookLayout, 200, 100)
END_LAYOUT

/* AddressBook.h*/
#ifndef _AddressBook_AddressBook_h
#define _AddressBook_AddressBook_h

#include <CtrlLib/CtrlLib.h>
#include <Report/Report.h>

using namespace Upp;

#define LAYOUTFILE <AddressBook/AddressBook.lay>
#include <CtrlCore/lay.h>

class AddressBook : public WithAddressBookLayout<TopWindow> {
   WithModifyLayout<ParentCtrl> modify;                    //Line 18
   WithSearchLayout<ParentCtrl> search;                     //Line 19
   FileSel fs;
   String  filename;

   void SetupSearch();
   void Add();
   void Change();
   void Search();
   void Open();
   void Save();
   void SaveAs();
   void Print();
   void Quit();

   typedef AddressBook CLASSNAME;

public:
   void Serialize(Stream& s);
```

```
    AddressBook();
};
#endif


/*main.cpp */

#include "AddressBook.h"

AddressBook::AddressBook()
{
 CtrlLayout(*this, "Window title");
}

GUI_APP_MAIN
{
 AddressBook().Run();
}
d:\c++\ultimate++ for windows\upp\myapps\addressbook\AddressBook.h (18): error C2143:
syntax error: missing ';' before '<'
d:\c++\ultimate++ for windows\upp\myapps\addressbook\AddressBook.h (18): error C4430:
missing type specifier - int assumed. Note: C++ does not support default-int
d:\c++\ultimate++ for windows\upp\myapps\addressbook\AddressBook.h (18): error C2238:
unexpected token(s) preceding ';'
d:\c++\ultimate++ for windows\upp\myapps\addressbook\AddressBook.h (19): error C2143:
syntax error: missing ';' before '<'
d:\c++\ultimate++ for windows\upp\myapps\addressbook\AddressBook.h (19): error C4430:
missing type specifier - int assumed. Note: C++ does not support default-int
d:\c++\ultimate++ for windows\upp\myapps\addressbook\AddressBook.h (19): error C2238:
unexpected token(s) preceding ';'
```