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Subject: mechatronic transmission project [was -Please, help me!]

Posted by [mechatronic](#) on Sun, 11 Dec 2005 10:23:29 GMT

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Hello everybody! This is my first project using U++. I want to build a program to solve the TRANSPORT PROBLEM, it's just then beginning, but I don't understand the error description. Details are below:

Source:

```
Tranmission.h
#ifndef _Tranmission_Tranmission_h
#define _Tranmission_Tranmission_h

#include <CtrlLib/CtrlLib.h>
// #include <stdlib.h>
// #include <stdio.h>
// #include <string.h>

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

#define IMAGEFILE <Tranmission/Tranmission.iml>
#include <Draw/iml_header.h>

// float DulieuVao [101][101];

// fpos_t* pos (FILE *f);

// unsigned char parify (char c);

// int DocDulieu (char *Filename, int *m, int *n);
class AboutDlg : public WithAboutDlg<TopWindow> {

    void Exit()
    {
        Close ();
    }

public:

    typedef AboutDlg CLASSNAME;
    AboutDlg ();

};

class Tranmission : public WithTranmissionLayout<TopWindow> {

    bool saved;
```

```

FileSel fs;
int m,n;
char *Filename;

void Exit()
{
    if (saved||PromptOKCancel ("Are you sure to close program without save your work?")) Close ();
}

void New()
{
;
}

void Save()
{
;
}

void SaveAs()
{
;
}

void Open()
{
    /*fs.Type ("Tranmission Data (*.tms)", "*.tms");
    if (!fs.ExecuteOpen ("Load file...")) return;
    //Filename = fs.;
    char *temp;
    switch (DocDulieu("J:\dulieu.tms",&m,&n)){
    case 1: PromptOK ("Can not load file!");break;
    case 2: PromptOK ("File structure is not valid!");break;
    default:
        itoa (m,temp,10);
        phat = Format ("Delivery: %s",temp);
        itoa (n,temp,10);
        thu = Format ("Receive: %s",temp);
    }
    PromptOK("Load File");*/
;
}

void Help()
{
;
}

void About()
{
    AboutDlg about;
    about.Run();
}

```

```

}

void Menu1(Bar& bar)
{
    bar.Add("&New",imgNew(), THISBACK(New))
        .Key(K_CTRL_N);
    bar.Add("&Open",imgOpen(), THISBACK(Open))
        .Key(K_CTRL_O);
    bar.Add("&Save",imgSave(), THISBACK(Save))
        .Key(K_CTRL_S);
    bar.Add("Save as", THISBACK(SaveAs));
    bar.Separator();
    bar.Add("E&xit", THISBACK(Exit))
        .Key(K_CTRL_X);
}

```

```

void Menu2(Bar& bar)
{
    bar.Add("Help",imgHelp(), THISBACK(Help))
        .Key(K_F1);
    bar.Separator();
    bar.Add("About", THISBACK(About));
}

```

```

void MainMenu(Bar& bar)
{
    bar.Add("File", THISBACK(Menu1));
    bar.Add("Help", THISBACK(Menu2));
}

```

```

void MainToolBar(Bar& bar)
{
    bar.Add(imgNew,THISBACK(New));
    bar.Add(imgOpen,THISBACK(Open));
    bar.Add(imgSave,THISBACK(Save));
    bar.Separator();
    bar.Add(imgHelp,THISBACK(Help));
}

```

```

MenuBar menu;
ToolBar toolbar;

```

```

public:

```

```

typedef Tranmission CLASSNAME;
Tranmission();

```

```

};

/*fpos_t* pos (FILE *f)
{
    fpos_t *x;
    fgetpos(f,x);
    return x;
}

unsigned char parify (char c)
{
    int flag;
    switch (c){
        case '0':
        case '1':
        case '2':
        case '3':
        case '4':
        case '5':
        case '6':
        case '7':
        case '8':
        case '9':flag= 1;break;
        default: flag= 0;}
    return flag;
}

int DocDulieu (char *Filename,int *m,int *n)
{
    unsigned char err = 0;
    char c, t[2];
    char *h;
    FILE *f;
    if ( !(strcmp(Filename,"")))
    {
        f = fopen ( Filename,"rw");
        if (f == NULL){ err = 1; goto END;}    //Khong ton tai tap tin nay
        {fgets(h,10,f);
        if (strcmp(h,"BTVT\n")) {err = 2; goto END;}    //File khong dung dinh dang hoac Du lieu trong
file sai
        strcpy (h,"");
        do
        {c = fgetc(f);
        if (!(c==' ')||(c=='\n'))
        {itoa(c-48,t,10);
        strcat(h,t);}
        }while (!(parify(c))||feof(f));
        *m = atoi(h);
    }
}

```

```

    if ((feof(f))||(m<=0)) {err = 2; goto END;}
    strcpy (h,"");
    do
    {c=fgetc(f);
    if (!((c==' ')||(c=='\n'))
    {itoa(c-48,t,10);
    strcat(h,t);}
    }while (!(!parify(c))||feof(f));
    *n = atoi(h);
    if ((feof(f))||(n<=0)) {err = 2; goto END;}
}
}
END:
return err;
}
*/
#endif

```

main.cpp

```
#include "Tranmission.h"
```

```

#define IMAGEFILE <Tranmission/Tranmission.iml>
#include <Draw/iml_source.h>

```

```

Tranmission::Tranmission()
{
    saved = 1;
    AddFrame(menu);
    menu.Set( THISBACK (MainMenu) );
    AddFrame( TopSeparatorFrame ( ) );
    AddFrame(toolbar);
    toolbar.Set( THISBACK (MainToolBar) );
    Title("Solving tranmission problem program").Icon(logo2(), logo1())
        .MinimizeBox(1).Maximize();
    WhenClose = THISBACK (Exit);
    //WithAboutDlg<TopWindow> about;
    CtrlLayout(*this);
}

```

```

AboutDlg :: AboutDlg ()
{
    Title("About...").Icon(logo2(),logo1());
    CtrlLayout(*this);
    ok <= THISBACK (Exit);
}

```

GUI\_APP\_MAIN

```

{
//int m,n;
Tranmission().Run();

}

```

In addition, there are 2 files: Tranmission.lay and Tranmission.iml, but they aren't involved with the problem (I think so ). The parts of source code that are after `/"` and covered by `/*....*/` are just be add to source afterwards. And these are error descriptions:

Linking...

```

main.obj : error LNK2019: unresolved external symbol "class Image const & __cdecl logo2(void)"
(?logo2@@YAABVImage@
 @XZ) referenced in function "public: __thiscall transport::transport(void)" (??0transport<a
href="mailto:@@QAE" target="_blank">@@QAE</a>@XZ)
main.obj : error LNK2019: unresolved external symbol "class Image const & __cdecl logo1(void)"
(?logo1@@YAABVImage@
 @XZ) referenced in function "public: __thiscall transport::transport(void)" (??0transport<a
href="mailto:@@QAE" target="_blank">@@QAE</a>@XZ)
main.obj : error LNK2019: unresolved external symbol "class Image const & __cdecl
imgSave(void)" (?imgSave@@YAABVIm
age@@@XZ) referenced in function "private: void __thiscall transport::Menu1(class Bar &)"
(?Menu1@transport@@AAE
XAAVBar@@@Z)
main.obj : error LNK2019: unresolved external symbol "class Image const & __cdecl
imgOpen(void)" (?imgOpen@@YAABVIm
age@@@XZ) referenced in function "private: void __thiscall transport::Menu1(class Bar &)"
(?Menu1@transport@@AAE
XAAVBar@@@Z)
main.obj : error LNK2019: unresolved external symbol "class Image const & __cdecl
imgNew(void)" (?imgNew@@YAABVImag
e@@@XZ) referenced in function "private: void __thiscall transport::Menu1(class Bar &)"
(?Menu1@transport@@AAEXA
AVBar@@@Z)
main.obj : error LNK2019: unresolved external symbol "class Image const & __cdecl
imgHelp(void)" (?imgHelp@@YAABVIm
age@@@XZ) referenced in function "private: void __thiscall transport::Menu2(class Bar &)"
(?Menu2@transport@@AAE
XAAVBar@@@Z)
e:\upp\out\transport\MSC71.Debug_full.Gui.Main\transport.exe : fatal error LNK1120: 6
unresolved externals

```

There were errors. (0:00.60)

Please, help me. I dont know what happen. It's just the start to make interface, even I have not yet go to the main part of program. When I build any examples contained with U++, it's good.

Subject: Re: Please, Help me!  
Posted by [mirek](#) on Sun, 11 Dec 2005 10:35:03 GMT  
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mechatronic wrote on Sun, 11 December 2005 05:23  
#include "Tranmission.h"

```
//#define IMAGEFILE <Tranmission/Tranmission.iml>  
//#include <Draw/iml_source.h>
```

main.obj : error LNK2019: unresolved external symbol "class Image const & \_\_cdecl logo2(void)"  
(?logo2@@YAABVImage@  
@XZ) referenced in function "public: \_\_thiscall transport::transport(void)" (??0transport<a  
href="mailto:@@QAE" target="\_blank">@@QAE</a>@XZ)

The problem is caused by those two lines being commented out - those lines are needed to create  
"Image constants" - those symbols that linker lists as unresolved.

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Subject: Re: Please, Help me!  
Posted by [mechatronic](#) on Sun, 11 Dec 2005 10:46:17 GMT  
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But when I built it first, it was correct. After I added the parts that cover by /\* ... \*/ and after //..., it  
was fail, and I've tried to solve by deleting them,..., I have not solved it yet. I think they're not  
involved with these bugs.

PS: Please replace Tranmission by Transport, it's new name. But these errors have presented.

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Subject: Re: Please, Help me!  
Posted by [mirek](#) on Sun, 11 Dec 2005 11:03:20 GMT  
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mechatronic wrote on Sun, 11 December 2005 05:46But when I built it first, it was correct. After I  
added the parts that cover by /\* ... \*/ and after //..., it was fail, and I've tried to solve by deleting  
them,..., I have not solved it yet. I think they're not involved with these bugs.

PS: Please replace Tranmission by Transport, it's new name. But these errors have presented.

Well, those errors you have listed are 100% caused by those two lines commented.

If uncommenting then produces another set of errors, it is another issue - I do not have enough  
information to resolve errors I am not aware of

However, consider packing your package (dir that contains those files) using zip (all files!) and uploading to the forum. Then I can easily check it/fix it... post back

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Subject: Re: Please, Help me!

Posted by [mechatronic](#) on Mon, 26 Dec 2005 13:19:51 GMT

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Sorry, I'm in my exam time, so I've closed this project, but I'll put its files up later. I think the header file image.h has bugs, If I add icon to file iml and use them for my application, it will has those error, and everything's good unless using them.

I will post it soon.

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Subject: Re: Please, Help me!

Posted by [fudadmin](#) on Tue, 02 May 2006 23:11:31 GMT

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if you post, please help me... by creating a good topic name...

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