
Subject: UWord class: link problem

Posted by [forlano](#) on Fri, 25 Jul 2014 09:25:23 GMT

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Hello,

I am having weird problems that I am not able to explain. Let me spend some words to let you understand my problem.

With my U++ 7282, MSVC 9 compiler, I can compile and run the UWord package.

I would like to use that class in my own app (I like the pdf export function). I splitted the UWord.cpp in a UWord.h that looks like:

```
#ifndef _UWord_UWord_h_
#define _UWord_UWord_h_
#include <RichEdit/RichEdit.h>
#include <PdfDraw/PdfDraw.h>

using namespace Upp;

//define IMAGECLASS UWordImg
//define IMAGEFILE <UWord/UWord.iml>
//include <Draw/iml.h>
//I use my own pdf icon

class UWord : public TopWindow {
public:
    virtual void DragAndDrop(Point, PasteClip& d);
    virtual void FrameDragAndDrop(Point, PasteClip& d);

protected:
    RichEdit editor;
    MenuBar menubar;
    ToolBar toolbar;
    StatusBar statusbar;
    String filename;

    static LRUList& lrufile() { static LRUList l; return l; }

    void OpenFile(const String& fn);
    void New();
    void Open();
    void Save0();
    void Save();
    void SaveAs();
    void Print();
    void Pdf();
    void About();
    void Destroy();
```

```

void SetBar();
void FileBar(Bar& bar);
void AboutMenu(Bar& bar);
void MainMenu(Bar& bar);
void MainBar(Bar& bar);

public:
typedef UWord CLASSNAME;

void Load(const String& filename);
static void SerializeApp(Stream& s);

UWord();
};
#endif

```

The other file, UWord.cpp, contains the rest of the original UWord.cpp file with, of course, the line

```
#include "UWord.h"
```

The original package splitted in two files continue to compile and run perfectly.

To integrate in in my app I have:

```

1) commented
[code]
GUI_APP_MAIN
{/code]
in UWord.cpp

```

2) added UWord.h and UWord.cpp to my app;

3) added

```
#include "UWord.h"
```

in those few cpp file that use the class UWord.

When compile there are no syntax error. However appear a lot of link error regarding PdfDraw

```

UWord.obj : error LNK2019: unresolved external symbol "public: void __thiscall
Upp::PdfDraw::Init(int,in
t,int,bool)" (?Init@PdfDraw@Upp@@@QAEXHHH_N@Z) referenced in function "public: __thiscall
Upp::PdfDraw::P
dfDraw(struct Upp::Size_<int>,bool)" (??0PdfDraw@Upp@@@QAE@U?$Size_@H@1@_N@Z)
UWord.obj : error LNK2001: unresolved external symbol "public: virtual unsigned long __thiscall
Upp::Pdf

```

```

Draw::GetInfo(void)const " (?GetInfo@PdfDraw@Upp@@@UBEKXZ)
UWord.obj : error LNK2001: unresolved external symbol "public: virtual struct Upp::Size_<int>
__thiscall
Upp::PdfDraw::GetPageSize(void)const "
(?GetPageSize@PdfDraw@Upp@@@UBE?AU?$Size_@H@2@XZ)
UWord.obj : error LNK2001: unresolved external symbol "public: virtual void __thiscall
Upp::PdfDraw::Sta
rtPage(void)" (?StartPage@PdfDraw@Upp@@@UAEXXZ)
UWord.obj : error LNK2001: unresolved external symbol "public: virtual void __thiscall
Upp::PdfDraw::End
Page(void)" (?EndPage@PdfDraw@Upp@@@UAEXXZ)
UWord.obj : error LNK2001: unresolved external symbol "public: virtual void __thiscall
Upp::PdfDraw::Beg
inOp(void)" (?BeginOp@PdfDraw@Upp@@@UAEXXZ)
UWord.obj : error LNK2001: unresolved external symbol "public: virtual void __thiscall
Upp::PdfDraw::End
Op(void)" (?EndOp@PdfDraw@Upp@@@UAEXXZ)
UWord.obj : error LNK2001: unresolved external symbol "public: virtual void __thiscall
Upp::PdfDraw::Off
setOp(struct Upp::Point_<int>)" (?OffsetOp@PdfDraw@Upp@@@UAEXU?$Point_@H@2@@@Z)
UWord.obj : error LNK2001: unresolved external symbol "public: virtual bool __thiscall
Upp::PdfDraw::Cli
pOp(struct Upp::Rect_<int> const &)"
(?ClipOp@PdfDraw@Upp@@@UAE_NABU?$Rect_@H@2@@@Z)
UWord.obj : error LNK2001: unresolved external symbol "public: virtual bool __thiscall
Upp::PdfDraw::Cli
poffOp(struct Upp::Rect_<int> const &)"
(?ClipoffOp@PdfDraw@Upp@@@UAE_NABU?$Rect_@H@2@@@Z)
UWord.obj : error LNK2001: unresolved external symbol "public: virtual bool __thiscall
Upp::PdfDraw::Exc
ludeClipOp(struct Upp::Rect_<int> const &)"
(?ExcludeClipOp@PdfDraw@Upp@@@UAE_NABU?$Rect_@H@2@@@Z)
UWord.obj : error LNK2001: unresolved external symbol "public: virtual bool __thiscall
Upp::PdfDraw::Int
ersectClipOp(struct Upp::Rect_<int> const &)"
(?IntersectClipOp@PdfDraw@Upp@@@UAE_NABU?$Rect_@H@2@@@Z)
UWord.obj : error LNK2001: unresolved external symbol "public: virtual bool __thiscall
Upp::PdfDraw::IsP
aintingOp(struct Upp::Rect_<int> const &)const "
(?IsPaintingOp@PdfDraw@Upp@@@UBE_NABU?$Rect_@H@2@@@Z)
UWord.obj : error LNK2001: unresolved external symbol "public: virtual void __thiscall
Upp::PdfDraw::Dra
wRectOp(int,int,int,int,class Upp::Color)"
(?DrawRectOp@PdfDraw@Upp@@@UAEXHHHVCOLOR@2@@@Z)
UWord.obj : error LNK2001: unresolved external symbol "public: virtual void __thiscall
Upp::PdfDraw::Dra
wImageOp(int,int,int,int,class Upp::Image const &,struct Upp::Rect_<int> const &,class
Upp::Color)" (?Dr

```

```

awImageOp@PdfDraw@Upp@@UAEXHHHHABVImage@2@ABU?$Rect_@H@2@VColor@2
@@Z)
UWord.obj : error LNK2001: unresolved external symbol "public: virtual void __thiscall
Upp::PdfDraw::Dra
wLineOp(int,int,int,int,int,int,class Upp::Color)"
(?DrawLineOp@PdfDraw@Upp@@UAEXHHHHHVColor@2@@Z)
UWord.obj : error LNK2001: unresolved external symbol "public: virtual void __thiscall
Upp::PdfDraw::Dra
wPolyPolylineOp(struct Upp::Point_<int> const *,int,int const *,int,int,class Upp::Color,class
Upp::Colo
r)"
(?DrawPolyPolylineOp@PdfDraw@Upp@@UAEXPBU?$Point_@H@2@HPBHHHVColor@2@2
@Z)
UWord.obj : error LNK2001: unresolved external symbol "public: virtual void __thiscall
Upp::PdfDraw::Dra
wPolyPolyPolygonOp(struct Upp::Point_<int> const *,int,int const *,int,int const *,int,int,
class Upp::Color,
int,class Upp::Color,unsigned __int64,class Upp::Color)"
(?DrawPolyPolyPolygonOp@PdfDraw@Upp@@UAEXPB
U?$Point_@H@2@HPBH1HVColor@2@H2_K2@Z)
UWord.obj : error LNK2001: unresolved external symbol "public: virtual void __thiscall
Upp::PdfDraw::Dra
wArcOp(struct Upp::Rect_<int> const &,struct Upp::Point_<int>,struct Upp::Point_<int>,int,
class Upp::Col
or)"
(?DrawArcOp@PdfDraw@Upp@@UAEXABU?$Rect_@H@2@U?$Point_@H@2@1HVColor@
2@@Z)
UWord.obj : error LNK2001: unresolved external symbol "public: virtual void __thiscall
Upp::PdfDraw::Dra
wEllipseOp(struct Upp::Rect_<int> const &,class Upp::Color,int,class Upp::Color)"
(?DrawEllipseOp@PdfDra
w@Upp@@UAEXABU?$Rect_@H@2@VColor@2@H1@Z)
UWord.obj : error LNK2001: unresolved external symbol "public: virtual void __thiscall
Upp::PdfDraw::Dra
wTextOp(int,int,int,wchar_t const *,class Upp::Font,class Upp::Color,int,int const *)"
(?DrawTextOp@PdfD
raw@Upp@@UAEXHHHPB_WVFont@2@VColor@2@HPBH@Z)
UWord.obj : error LNK2019: unresolved external symbol "public: class Upp::String __thiscall
Upp::PdfDraw
::Finish(void)" (?Finish@PdfDraw@Upp@@QAE?AVString@2@XZ) referenced in function
"protected: void __thisc
all UWord::Pdf(void)" (?Pdf@UWord@@IAEXXZ)
C:\upp\out\MyApps\MSC9.Gui\Vega6.exe : fatal error LNK1120: 22 unresolved externals

```

Does anybody knows why? It seems there is some collision with my code somewhere. What may prevent PdfDraw to work correctly?

Thanks a lot,
Luigi
