
Subject: Re: I have a problem linking a LIB
Posted by [jerson](#) on Fri, 03 Sep 2010 03:14:11 GMT
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FOLLOW UP POST

After correcting the problems described by Koldo in the post above, I was able to compile and link the code.

However, I am not sure if I have hit a bug in the IDE.

The code that now compiles gives an output like this

```
----- JFControls ( GUI GCC BLITZ WIN32 ) (1 / 22)
----- Controls4U ( GUI GCC BLITZ WIN32 ) (2 / 22)
----- CtrlLib ( GUI GCC BLITZ WIN32 ) (3 / 22)
----- Functions4U ( GUI GCC BLITZ WIN32 ) (4 / 22)
----- Painter ( GUI GCC BLITZ WIN32 ) (5 / 22)
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----- plugin/bmp ( GUI GCC BLITZ WIN32 ) (8 / 22)
----- RichText ( GUI GCC BLITZ WIN32 ) (9 / 22)
----- Core ( GUI GCC BLITZ WIN32 ) (10 / 22)
----- plugin/z ( GUI GCC BLITZ WIN32 ) (11 / 22)
----- plugin/png ( GUI GCC BLITZ WIN32 ) (12 / 22)
----- plugin/bz2 ( GUI GCC BLITZ WIN32 ) (13 / 22)
----- ide/Browser ( GUI GCC BLITZ WIN32 ) (14 / 22)
----- Web ( GUI GCC BLITZ WIN32 ) (15 / 22)
----- CppBase ( GUI GCC BLITZ WIN32 ) (16 / 22)
----- ide/Common ( GUI GCC BLITZ WIN32 ) (17 / 22)
----- PdfDraw ( GUI GCC BLITZ WIN32 ) (18 / 22)
----- RichEdit ( GUI GCC BLITZ WIN32 ) (19 / 22)
----- ide/Core ( GUI GCC BLITZ WIN32 ) (20 / 22)
----- Esc ( GUI GCC BLITZ WIN32 ) (21 / 22)
----- JFControlsDemo ( GUI MAIN GCC BLITZ WIN32 ) (22 / 22)
BLITZ: main.cpp nidaq.cpp
JFControlsDemo: 2 file(s) built in (0:05.64), 2820 msecs / file, duration = 5703 msecs
Linking...
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./././././mingw32/bin/ld.exe:
C:/upp2625/out/RichText/MINGW.Blitz.Gui\EncodeQtf.o: warning: duplicate section
`.rdata$_ZTSN3Upp14DeepCopyOptionINS_7RichTxt4ParaENS_10EmptyClassEEE[typeinfo
name for Upp::D
eepCopyOption<Upp::RichTxt::Para, Upp::EmptyClass>]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./././././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Stream.o: warning:
duplicate section `.rdata$_ZTVN3Upp7FileOutE[vtable for Upp::FileOut]' has different size
```

```

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.GuiStream.o: warning:
duplicate section `.rdata$_ZTVN3Upp6FileInE[vtable for Upp::FileIn]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.GuiUtil.o: warning: d
uplicate section `.rdata$_ZTVN3Upp6FileInE[vtable for Upp::FileIn]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.GuiValue.o: warning:
duplicate section `.rdata$_ZTVN3Upp5Value4VoidE[vtable for Upp::Value::Void]' has different
size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.GuiConvert.o: warning
: duplicate section
`.rdata$_ZTSN3Upp8MoveableINS_6StringENS_7AStringINS_7String0EEEEEE[typeinfo name for
Upp::Moveable<U
pp::String, Upp::AString<Upp::String0> >]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.GuiConvert.o: warning
: duplicate section `.rdata$_ZTSN3Upp8MoveableINS_7String0ENS_10EmptyClassEEE[typeinfo
name for Upp::Moveable<Upp::Strin
g0, Upp::EmptyClass>]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.GuiColor.o: warning:
duplicate section `.rdata$_ZTVN3Upp12RichValueRepINS_5ColorEEE[vtable for
Upp::RichValueRep<Upp::Color>]' has different
size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.GuiColor.o: warning:
duplicate section `.rdata$_ZTSN3Upp12RichValueRepINS_5ColorEEE[typeinfo name for
Upp::RichValueRep<Upp::Color>]' has dif
ferent size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.GuiColor.o: warning:
duplicate section `.rdata$_ZTVN3Upp11RawValueRepINS_5ColorEEE[vtable for
Upp::RawValueRep<Upp::Color>]' has different si
ze

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.GuiColor.o: warning:
duplicate section `.rdata$_ZTVN3Upp5Value4VoidE[vtable for Upp::Value::Void]' has different

```

size

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Gtypes.o: warning:
duplicate section `.rdata$_ZTVN3Upp5Value4VoidE[vtable for Upp::Value::Void]' has different
size
```

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Gtypes.o: warning:
duplicate section `.rdata$_ZTVN3Upp12RichValueRepINS_5Rect_liEEEE[vtable for
Upp::RichValueRep<Upp::Rect_<int> >]' has
different size
```

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Gtypes.o: warning:
duplicate section `.rdata$_ZTSN3Upp12RichValueRepINS_5Rect_liEEEE[typeinfo name for
Upp::RichValueRep<Upp::Rect_<int> >
]' has different size
```

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Gtypes.o: warning:
duplicate section `.rdata$_ZTSN3Upp11RawValueRepINS_5Rect_liEEEE[typeinfo name for
Upp::RawValueRep<Upp::Rect_<int> >]'
has different size
```

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Gtypes.o: warning:
duplicate section `.rdata$_ZTVN3Upp11RawValueRepINS_5Rect_liEEEE[vtable for
Upp::RawValueRep<Upp::Rect_<int> >]' has di
fferent size
```

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Gtypes.o: warning: dupl
icate section
`.rdata$_ZTSN3Upp8MoveableINS_6StringENS_7AStringINS_7String0EEEEEE[typeinfo name for
Upp::Moveable<Upp::St
ring, Upp::AString<Upp::String0> >]' has different size
```

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Gtypes.o: warning: dupl
icate section `.rdata$_ZTSN3Upp8MoveableINS_7String0ENS_10EmptyClassEEE[typeinfo
name for Upp::Moveable<Upp::String0, Up
p::EmptyClass>]' has different size
```

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\parser.o: warning:
duplicate section
`.rdata$_ZTSN3Upp8MoveableINS_6StringENS_7AStringINS_7String0EEEEEE[typeinfo name for
```

Upp::Moveable<Up
p::String, Upp::AString<Upp::String0> >]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\parser.o: warning:
duplicate section `.rdata\$_ZTSN3Upp8MoveableINS_7String0ENS_10EmptyClassEEE[typeinfo
name for Upp::Moveable<Upp::String
0, Upp::EmptyClass>]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\XML.o: warning: du
plicate section
`.rdata\$_ZTSN3Upp8MoveableINS_6StringENS_7AStringINS_7String0EEEEEE[typeinfo name for
Upp::Moveable<Upp::
String, Upp::AString<Upp::String0> >]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\XML.o: warning: du
plicate section `.rdata\$_ZTSN3Upp8MoveableINS_7String0ENS_10EmptyClassEEE[typeinfo
name for Upp::Moveable<Upp::String0,
Upp::EmptyClass>]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Xmlize.o: warning:
duplicate section `.rdata\$_ZTVN3Upp12RichValueRepINS_5ColorEEE[vtable for
Upp::RichValueRep<Upp::Color>]' has different
size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Xmlize.o: warning:
duplicate section `.rdata\$_ZTSN3Upp12RichValueRepINS_5ColorEEE[typeinfo name for
Upp::RichValueRep<Upp::Color>]' has di
fferent size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Xmlize.o: warning:
duplicate section `.rdata\$_ZTVN3Upp11RawValueRepINS_5ColorEEE[vtable for
Upp::RawValueRep<Upp::Color>]' has different s
ize

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Xmlize.o: warning:
duplicate section `.rdata\$_ZTVN3Upp5Value4VoidE[vtable for Upp::Value::Void]' has different
size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Xmlize.o: warning:
duplicate section `.rdata\$_ZTVN3Upp12RichValueRepINS_5Rect_liEEEE[vtable for

Upp::RichValueRep<Upp::Rect_<int> >]' has
different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./.././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Xmlize.o: warning:
duplicate section `.rdata\$_ZTSN3Upp12RichValueRepINS_5Rect_liEEEE[typeinfo name for
Upp::RichValueRep<Upp::Rect_<int> >]
' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./.././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Xmlize.o: warning:
duplicate section `.rdata\$_ZTSN3Upp11RawValueRepINS_5Rect_liEEEE[typeinfo name for
Upp::RawValueRep<Upp::Rect_<int> >]'
has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./.././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Xmlize.o: warning:
duplicate section `.rdata\$_ZTVN3Upp11RawValueRepINS_5Rect_liEEEE[vtable for
Upp::RawValueRep<Upp::Rect_<int> >]' has di
fferent size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./.././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Xmlize.o: warning:
duplicate section
`.rdata\$_ZTSN3Upp8MoveableINS_6StringENS_7AStringINS_7String0EEEEEE[typeinfo name for
Upp::Moveable<Up
p::String, Upp::AString<Upp::String0> >]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./.././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Xmlize.o: warning:
duplicate section `.rdata\$_ZTSN3Upp8MoveableINS_7String0ENS_10EmptyClassEEE[typeinfo
name for Upp::Moveable<Upp::String
0, Upp::EmptyClass>]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./.././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Xmlize.o: warning:
duplicate section `.rdata\$_ZTSN3Upp15Callback1ActionIRNS_6StreamEEEE[typeinfo name for
Upp::Callback1Action<Upp::Stream&
>]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./.././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Uuid.o: warning: d
uplicate section `.rdata\$_ZTVN3Upp5Value4VoidE[vtable for Upp::Value::Void]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./.././mingw32/bin/ld.exe:
C:/upp2625/out/ide/Browser/MINGW.Blitz.Gui\Base.o: war
ning: duplicate section `.rdata\$_ZTVN3Upp6FileInE[vtable for Upp::FileIn]' has different size

```

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/ide/Browser/MINGW.Blitz.Gui\Base.o: war
ning: duplicate section `.rdata$_ZTVN3Upp7FileOutE[vtable for Upp::FileOut]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/ide/Browser/MINGW.Blitz.Gui\CodeBrowser
.o: warning: duplicate section `.rdata$_ZTVN3Upp10EditStringE[vtable for Upp::EditString]' has
different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/ide/Browser/MINGW.Blitz.Gui\CodeBrowser
.o: warning: duplicate section
`.rdata$_ZTSN3Upp9EditValueINS_7WStringENS_13ConvertStringEEE[typeinfo name for
Upp::Edit
Value<Upp::WString, Upp::ConvertString>]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/ide/Browser/MINGW.Blitz.Gui\CodeBrowser
.o: warning: duplicate section
`.rdata$_ZTVN3Upp9EditValueINS_7WStringENS_13ConvertStringEEE[vtable for
Upp::EditValue<U
pp::WString, Upp::ConvertString>]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/ide/Browser/MINGW.Blitz.Gui\CodeBrowser
.o: warning: duplicate section `.rdata$_ZTVN3Upp5Value4VoidE[vtable for Upp::Value::Void]' has
different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/ide/Browser/MINGW.Blitz.Gui\File.o: war
ning: duplicate section
`.rdata$_ZTSN3Upp8MoveableINS_6StringENS_7AStringINS_7String0EEEEEE[typeinfo name for
Upp::Moveab
le<Upp::String, Upp::AString<Upp::String0> >]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/ide/Browser/MINGW.Blitz.Gui\File.o: war
ning: duplicate section
`.rdata$_ZTSN3Upp8MoveableINS_7String0ENS_10EmptyClassEEE[typeinfo name for
Upp::Moveable<Upp::S
tring0, Upp::EmptyClass>]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/RichEdit/MINGW.Blitz.Gui$blitz.o: warn
ing: duplicate section `.rdata$_ZTVN3Upp12RichValueRepINS_4UuidEEE[vtable for
Upp::RichValueRep<Upp::Uuid>]' has differe
nt size

```

```

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/././././mingw32/bin/ld.exe:
C:/upp2625/out/RichEdit/MINGW.Blitz.Gui\Blitz.o: warn
ing: duplicate section `.rdata$_ZTVN3Upp11RawValueRepINS_4UuidEEE[vtable for
Upp::RawValueRep<Upp::Uuid>]' has different
size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/././././mingw32/bin/ld.exe:
C:/upp2625/out/RichEdit/MINGW.Blitz.Gui\Find.o: warnin
g: duplicate section
`.rdata$_ZTSN3Upp20CallbackMethodActionINS_8RichEditEMS1_FvwEEE[typeinfo name for
Upp::CallbackMeth
odAction<Upp::RichEdit, void (Upp::RichEdit::*)(>)]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/././././mingw32/bin/ld.exe:
C:/upp2625/out/Esc/MINGW.Blitz.Gui\Blitz.o: warning:
duplicate section `.rdata$_ZTVN3Upp6FileInE[vtable for Upp::FileIn]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/././././mingw32/bin/ld.exe:
C:/upp2625/out/Esc/MINGW.Blitz.Gui\Blitz.o: warning:
duplicate section
`.rdata$_ZTSN3Upp8MoveableINS_6StringENS_7AStringINS_7String0EEEEEE[typeinfo name for
Upp::Moveable<Upp
::String, Upp::AString<Upp::String0> >]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/././././mingw32/bin/ld.exe:
C:/upp2625/out/Esc/MINGW.Blitz.Gui\Blitz.o: warning:
duplicate section `.rdata$_ZTSN3Upp8MoveableINS_7String0ENS_10EmptyClassEEE[typeinfo
name for Upp::Moveable<Upp::String0
, Upp::EmptyClass>]' has different size

C:\upp2625\out\MINGW.Blitz.Gui\JFControlsDemo.exe (4678144 B) linked in (0:09.20)

OK. (0:17.96)

```

Now, edit(and undo or simply add a line, remove it) either of the 2 CPP files of the package directory and save them again. Now hit F7 to compile and you see this

```

----- JFControls ( GUI GCC BLITZ WIN32 ) (1 / 22)
----- Controls4U ( GUI GCC BLITZ WIN32 ) (2 / 22)
----- CtrlLib ( GUI GCC BLITZ WIN32 ) (3 / 22)
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----- RichText ( GUI GCC BLITZ WIN32 ) (9 / 22)
----- Core ( GUI GCC BLITZ WIN32 ) (10 / 22)

```



```

----- plugin/z ( GUI GCC BLITZ WIN32 ) (11 / 22)
----- plugin/png ( GUI GCC BLITZ WIN32 ) (12 / 22)
----- plugin/bz2 ( GUI GCC BLITZ WIN32 ) (13 / 22)
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----- CppBase ( GUI GCC BLITZ WIN32 ) (16 / 22)
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----- PdfDraw ( GUI GCC BLITZ WIN32 ) (18 / 22)
----- RichEdit ( GUI GCC BLITZ WIN32 ) (19 / 22)
----- ide/Core ( GUI GCC BLITZ WIN32 ) (20 / 22)
----- Esc ( GUI GCC BLITZ WIN32 ) (21 / 22)
----- JFControlsDemo ( GUI MAIN GCC BLITZ WIN32 ) (22 / 22)
main.cpp
JFControlsDemo: 1 file(s) built in (0:06.98), 6985 msecs / file, duration = 7032 msecs
Linking...
C:/upp2625/out/JFControlsDemo/MINGW.Blitz.Gui.Main\nidaq.o:nidaq.cpp:(.bss+0x0): multiple
definition of `Settings'
C:/upp2625/out/JFControlsDemo/MINGW.Blitz.Gui.Main\main.o:main.cpp:(.bss+0x0): first defined
here
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/RichText/MINGW.Blitz.Gui\EncodeQtf.o: w
arning: duplicate section
`.rdata$_ZTSN3Upp14DeepCopyOptionINS_7RichTxt4ParaENS_10EmptyClassEEE[typeinfo
name for Upp::D
eepCopyOption<Upp::RichTxt::Para, Upp::EmptyClass>]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Stream.o: warning:
duplicate section `.rdata$_ZTVN3Upp7FileOutE[vtable for Upp::FileOut]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Stream.o: warning:
duplicate section `.rdata$_ZTVN3Upp6FileInE[vtable for Upp::FileIn]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Util.o: warning: d
uplicate section `.rdata$_ZTVN3Upp6FileInE[vtable for Upp::FileIn]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Value.o: warning:
duplicate section `.rdata$_ZTVN3Upp5Value4VoidE[vtable for Upp::Value::Void]' has different
size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Convert.o: warning
: duplicate section
`.rdata$_ZTSN3Upp8MoveableINS_6StringENS_7AStringINS_7String0EEEEEE[typeinfo name for
Upp::Moveable<U

```


pp::String, Upp::AString<Upp::String0> >]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:

C:/upp2625/out/Core/MINGW.Blitz.Gui\Convert.o: warning

: duplicate section `.rdata\$_ZTSN3Upp8MoveableINS_7String0ENS_10EmptyClassEEE[typeinfo name for Upp::Moveable<Upp::Strin
g0, Upp::EmptyClass>]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:

C:/upp2625/out/Core/MINGW.Blitz.Gui\Color.o: warning:

duplicate section `.rdata\$_ZTVN3Upp12RichValueRepINS_5ColorEEE[vtable for
Upp::RichValueRep<Upp::Color>]' has different
size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:

C:/upp2625/out/Core/MINGW.Blitz.Gui\Color.o: warning:

duplicate section `.rdata\$_ZTSN3Upp12RichValueRepINS_5ColorEEE[typeinfo name for
Upp::RichValueRep<Upp::Color>]' has dif
ferent size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:

C:/upp2625/out/Core/MINGW.Blitz.Gui\Color.o: warning:

duplicate section `.rdata\$_ZTVN3Upp11RawValueRepINS_5ColorEEE[vtable for
Upp::RawValueRep<Upp::Color>]' has different si
ze

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:

C:/upp2625/out/Core/MINGW.Blitz.Gui\Color.o: warning:

duplicate section `.rdata\$_ZTVN3Upp5Value4VoidE[vtable for Upp::Value::Void]' has different
size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:

C:/upp2625/out/Core/MINGW.Blitz.Gui\Gtypes.o: warning:

duplicate section `.rdata\$_ZTVN3Upp5Value4VoidE[vtable for Upp::Value::Void]' has different
size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:

C:/upp2625/out/Core/MINGW.Blitz.Gui\Gtypes.o: warning:

duplicate section `.rdata\$_ZTVN3Upp12RichValueRepINS_5Rect_liEEEE[vtable for
Upp::RichValueRep<Upp::Rect_<int> >]' has
different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:

C:/upp2625/out/Core/MINGW.Blitz.Gui\Gtypes.o: warning:

duplicate section `.rdata\$_ZTSN3Upp12RichValueRepINS_5Rect_liEEEE[typeinfo name for
Upp::RichValueRep<Upp::Rect_<int> >
>]' has different size

```

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/././././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Gtypes.o: warning:
  duplicate section `.rdata$_ZTSN3Upp11RawValueRepINS_5Rect_liEEEE[typeinfo name for
Upp::RawValueRep<Upp::Rect_<int> >]'
  has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/././././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Gtypes.o: warning:
  duplicate section `.rdata$_ZTVN3Upp11RawValueRepINS_5Rect_liEEEE[vtable for
Upp::RawValueRep<Upp::Rect_<int> >]' has di
fferent size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/././././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\l.o: warning: dupl
icate section
`.rdata$_ZTSN3Upp8MoveableINS_6StringENS_7AStringINS_7String0EEEEEE[typeinfo name for
Upp::Moveable<Upp::St
ring, Upp::AString<Upp::String0> >]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/././././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\l.o: warning: dupl
icate section `.rdata$_ZTSN3Upp8MoveableINS_7String0ENS_10EmptyClassEEE[typeinfo
name for Upp::Moveable<Upp::String0, Up
p::EmptyClass>]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/././././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\parser.o: warning:
  duplicate section
`.rdata$_ZTSN3Upp8MoveableINS_6StringENS_7AStringINS_7String0EEEEEE[typeinfo name for
Upp::Moveable<Up
p::String, Upp::AString<Upp::String0> >]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/././././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\parser.o: warning:
  duplicate section `.rdata$_ZTSN3Upp8MoveableINS_7String0ENS_10EmptyClassEEE[typeinfo
name for Upp::Moveable<Upp::String
0, Upp::EmptyClass>]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/././././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\XML.o: warning: du
plicate section
`.rdata$_ZTSN3Upp8MoveableINS_6StringENS_7AStringINS_7String0EEEEEE[typeinfo name for
Upp::Moveable<Upp::
String, Upp::AString<Upp::String0> >]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/././././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\XML.o: warning: du
plicate section `.rdata$_ZTSN3Upp8MoveableINS_7String0ENS_10EmptyClassEEE[typeinfo

```

name for Upp::Moveable<Upp::String0,
Upp::EmptyClass>]' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./.././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Xmlize.o: warning:
duplicate section `.rdata\$_ZTVN3Upp12RichValueRepINS_5ColorEEE[vtable for
Upp::RichValueRep<Upp::Color>]' has different
size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./.././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Xmlize.o: warning:
duplicate section `.rdata\$_ZTSN3Upp12RichValueRepINS_5ColorEEE[typeinfo name for
Upp::RichValueRep<Upp::Color>]' has di
fferent size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./.././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Xmlize.o: warning:
duplicate section `.rdata\$_ZTVN3Upp11RawValueRepINS_5ColorEEE[vtable for
Upp::RawValueRep<Upp::Color>]' has different s
ize

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./.././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Xmlize.o: warning:
duplicate section `.rdata\$_ZTVN3Upp5Value4VoidE[vtable for Upp::Value::Void]' has different
size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./.././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Xmlize.o: warning:
duplicate section `.rdata\$_ZTVN3Upp12RichValueRepINS_5Rect_liEEEE[vtable for
Upp::RichValueRep<Upp::Rect_<int> >]' has
different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./.././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Xmlize.o: warning:
duplicate section `.rdata\$_ZTSN3Upp12RichValueRepINS_5Rect_liEEEE[typeinfo name for
Upp::RichValueRep<Upp::Rect_<int> >
' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./.././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Xmlize.o: warning:
duplicate section `.rdata\$_ZTSN3Upp11RawValueRepINS_5Rect_liEEEE[typeinfo name for
Upp::RawValueRep<Upp::Rect_<int> >]
' has different size

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./.././mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Xmlize.o: warning:
duplicate section `.rdata\$_ZTVN3Upp11RawValueRepINS_5Rect_liEEEE[vtable for
Upp::RawValueRep<Upp::Rect_<int> >]' has di

fferent size

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Xmlize.o: warning:
duplicate section
`.rdata$_ZTSN3Upp8MoveableINS_6StringENS_7AStringINS_7String0EEEEEE[typeinfo name for
Upp::Moveable<Up
p::String, Upp::AString<Upp::String0> >]' has different size
```

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Xmlize.o: warning:
duplicate section `.rdata$_ZTSN3Upp8MoveableINS_7String0ENS_10EmptyClassEEE[typeinfo
name for Upp::Moveable<Upp::String
0, Upp::EmptyClass>]' has different size
```

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Xmlize.o: warning:
duplicate section `.rdata$_ZTSN3Upp15Callback1ActionIRNS_6StreamEEE[typeinfo name for
Upp::Callback1Action<Upp::Stream&
>]' has different size
```

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Core/MINGW.Blitz.Gui\Uuid.o: warning: d
uplicate section `.rdata$_ZTVN3Upp5Value4VoidE[vtable for Upp::Value::Void]' has different size
```

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/ide/Browser/MINGW.Blitz.Gui\Base.o: war
ning: duplicate section `.rdata$_ZTVN3Upp6FileInE[vtable for Upp::FileIn]' has different size
```

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/ide/Browser/MINGW.Blitz.Gui\Base.o: war
ning: duplicate section `.rdata$_ZTVN3Upp7FileOutE[vtable for Upp::FileOut]' has different size
```

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/ide/Browser/MINGW.Blitz.Gui\CodeBrowser
.o: warning: duplicate section `.rdata$_ZTVN3Upp10EditStringE[vtable for Upp::EditString]' has
different size
```

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/ide/Browser/MINGW.Blitz.Gui\CodeBrowser
.o: warning: duplicate section
`.rdata$_ZTSN3Upp9EditValueINS_7WStringENS_13ConvertStringEEE[typeinfo name for
Upp::Edit
Value<Upp::WString, Upp::ConvertString>]' has different size
```

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/ide/Browser/MINGW.Blitz.Gui\CodeBrowser
.o: warning: duplicate section
```

```
`rdata$_ZTVN3Upp9EditValueINS_7WStringENS_13ConvertStringEEE[vtable for
Upp::EditValue<U
pp::WString, Upp::ConvertString>]' has different size
```

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/ide/Browser/MINGW.Blitz.Gui\CodeBrowser
.o: warning: duplicate section `rdata$_ZTVN3Upp5Value4VoidE[vtable for Upp::Value::Void]' has
different size
```

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/ide/Browser/MINGW.Blitz.Gui\File.o: war
ning: duplicate section
`rdata$_ZTSN3Upp8MoveableINS_6StringENS_7AStringINS_7String0EEEEEE[typeinfo name for
Upp::Moveab
le<Upp::String, Upp::AString<Upp::String0> >]' has different size
```

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/ide/Browser/MINGW.Blitz.Gui\File.o: war
ning: duplicate section
`rdata$_ZTSN3Upp8MoveableINS_7String0ENS_10EmptyClassEEE[typeinfo name for
Upp::Moveable<Upp::S
tring0, Upp::EmptyClass>]' has different size
```

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/RichEdit/MINGW.Blitz.Gui\blitz.o: warn
ing: duplicate section `rdata$_ZTVN3Upp12RichValueRepINS_4UuidEEE[vtable for
Upp::RichValueRep<Upp::Uuid>]' has differe
nt size
```

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/RichEdit/MINGW.Blitz.Gui\blitz.o: warn
ing: duplicate section `rdata$_ZTVN3Upp11RawValueRepINS_4UuidEEE[vtable for
Upp::RawValueRep<Upp::Uuid>]' has different
size
```

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/RichEdit/MINGW.Blitz.Gui\Find.o: warnin
g: duplicate section
`rdata$_ZTSN3Upp20CallbackMethodActionINS_8RichEditEMS1_FvvEEEE[typeinfo name for
Upp::CallbackMeth
odAction<Upp::RichEdit, void (Upp::RichEdit::*)(>)]' has different size
```

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Esc/MINGW.Blitz.Gui\blitz.o: warning:
duplicate section `rdata$_ZTVN3Upp6FileInE[vtable for Upp::FileIn]' has different size
```

```
c:/mingw/bin/./lib/gcc/mingw32/4.4.1/./../mingw32/bin/ld.exe:
C:/upp2625/out/Esc/MINGW.Blitz.Gui\blitz.o: warning:
```

duplicate section

```
`.rdata$_ZTSN3Upp8MoveableINS_6StringENS_7AStringINS_7String0EEEEEE[typeinfo name for  
Upp::Moveable<Upp  
::String, Upp::AString<Upp::String0> >]' has different size
```

c:/mingw/bin/./lib/gcc/mingw32/4.4.1/././././mingw32/bin/ld.exe:

C:/upp2625/out/Esc/MINGW.Blitz.Gui\blitz.o: warning:

```
duplicate section `$.rdata$_ZTSN3Upp8MoveableINS_7String0ENS_10EmptyClassEEE[typeinfo  
name for Upp::Moveable<Upp::String0  
, Upp::EmptyClass>]' has different size
```

collect2: ld returned 1 exit status

There were errors. (0:26.81)

Notice the line following this one. That is the only difference.

----- JFControlsDemo (GUI MAIN GCC BLITZ WIN32) (22 / 22)

The way to overcome this problem is to exit the IDE and reload the package. Then you see the first type of compilation again and everything links fine. Even a clean build (bomb symbol) does not build cleanly. The only way is to exit and reload the IDE and then build.

FYI: My setup is IDE 2625/WinXP/MinGW32_4.4.1

Is there some kind of control I can have over the build process? Where should I look to understand this ?

Added: If I see BLITZ : main.cpp nidaq.cpp on one line, all is fine; but, if I see main.cpp on one line followed by nidaq.cpp on the next line or any other order depending on which file has changed, the compile process returns errors. I tried to add dependencies of main.cpp on nidaq.cpp and vice versa - No luck.

Regards
