Subject: Re: Use static library!
Posted by forlano on Thu, 29 Oct 2009 15:05:54 GMT
View Forum Message <> Reply to Message

forlano wrote on Thu, 29 October 2009 13:40forlano wrote on Thu, 29 October 2009 11:21tojocky wrote on Tue, 13 January 2009 14:33In u++ I found the method how can i use .lib files for plugins (Package organizer-libraries category) but not found how can I create .lib file.

Hello,

I have the same problem. I have an application but I would like to obtain from it a static lib to be used in other programs.
Can this task be performed by theide or in some other way?

Thank you,
Luigi

I try to answer myself after a try.
I created a new package and in its definition I have included as package even my old application that I wanted to be a lib.
Then I compiled the new package that in turn compiled even my old application. As side effect of the compilation in the folder
C:\upp\out\myoldpackage\MSC9.Gui
I magically found a
myoldpackage.lib
It should be static lib I was looking for. Am I right?

Thank you,
Luigi

The answer seems to be "No". I got many undefined reference although I linked as usual (set the path in Build Methods, and added the lib in package organizer...

Linking...
c++ -static -mwindows -o "C:\upp20081\out\MINGW.Gui\testVegaserver.exe" -Wl,-s
-L"C:\upp20081\mingw\lib" -L"C:\MyApps\testVegaserver" -Wl
,-O,2 "C:/upp20081/out/testVegaserver/MINGW.Gui.Main\main.o"
"C:/upp20081/out/CtrlLib/MINGW.Gui\CtrlLib.o" "C:/upp20081/out/CtrlCore
/MINGW.Gui\CtrlCore.o" "C:/upp20081/out/RichText/MINGW.Gui\RichImage.o"
"C:/upp20081/out/plugin/bmp/MINGW.Gui\BmpReg.o" "C:/upp20081/
out/Web/MINGW.Gui\Web_init.o" "C:/upp20081/out/plugin/png/MINGW.Gui\pngreg.o"
"C:/upp20081/out/plugin/jpg/MINGW.Gui\jpgreg.o" -Wl,--s
tart-group "C:/upp20081/out/CtrlLib/MINGW.Gui\CtrlLib.a" -ladvapi32 -lcomdlg32 -lcomctl32
"C:/upp20081/out/CtrlCore/MINGW.Gui\CtrlCo
re.a" "C:/upp20081/out/RichText/MINGW.Gui\RichText.a" -luser32 -lgdi32
"C:/upp20081/out/Draw/MINGW.Gui\Draw.a" "C:/upp20081/out/plugi

```
 n/bmp/MINGW.Gui\bmp.a" -ladvapi32 -lshell32 -lwinmm -lmpr -lole32 -loleaut32 -luuid
"C:/upp20081/out/Core/MINGW.Gui\Core.a" -lws2_32
 "C:/upp20081/out/Web/MINGW.Gui\Web.a" "C:/upp20081/out/plugin/z/MINGW.Gui\z.a"
"C:/upp20081/out/plugin/png/MINGW.Gui\png.a" "C:/upp20
 081/out/plugin/jpg/MINGW.Gui\jpg.a" "C:\MyApps\testVegaserver\Vega5server.lib"
-Wl,--end-group
 C:/upp20081/out/testVegaserver/MINGW.Gui.Main\main.o:main.cp
p:(.text$_GLOBAL__I_TD+0xf): undefined reference to `RoundData::RoundData()'
 C:/upp20081/out/testVegaserver/MINGW.Gui.Main\main.o:main.cp
p:(.text$_GLOBAL__I_TD+0x36): undefined reference to `PlayerArchive::PlayerAr
 chive()'
 C:/upp20081/out/testVegaserver/MINGW.Gui.Main\main.o:main.cp
p:(.text$_ZN18WithVegaTab4LayoutIN3Upp10ParentCtrlEED2Ev[Wit hVegaTab4Layout <U
 pp::ParentCtrl>::~WithVegaTab4Layout()]+0x1d): undefined reference to
`Upp::RichEdit::~RichEdit()'
 C:/upp20081/out/testVegaserver/MINGW.Gui.Main\main.o:main.cp
p:(.text$_ZN18WithVegaTab4LayoutIN3Upp10ParentCtrlEED1Ev[Wit hVegaTab4Layout <U
 pp::ParentCtrl>::~WithVegaTab4Layout()]+0x1d): undefined reference to
`Upp::RichEdit::~RichEdit()'
 C:/upp20081/out/testVegaserver/MINGW.Gui.Main\main.o:main.cp
p:(.text$_ZN8VegaTab3D1Ev[VegaTab3::~VegaTab3()]+0x20): undefined reference t
 o `Upp::RichEdit::~RichEdit()'
 C:/upp20081/out/testVegaserver/MINGW.Gui.Main\main.o:main.cp
p:(.text$_ZN3Upp10FontHeightD1Ev[Upp::FontHeight::~FontHeigh t()]+0x8): undefi
 ned reference to `vtable for Upp::FontHeight'
 C:/upp20081/out/testVegaserver/MINGW.Gui.Main\main.o:main.cp
p:(.text$_ZN3Upp10FontHeightD1Ev[Upp::FontHeight::~FontHeigh t()]+0xf): undefi
 ned reference to `vtable for Upp::FontHeight'
 C:/upp20081/out/testVegaserver/MINGW.Gui.Main\main.o:main.cp
p:(.text$_ZN3Upp10FontHeightD1Ev[Upp::FontHeight::~FontHeigh t()]+0x19): undef
 ined reference to `vtable for Upp::FontHeight'
 C:/upp20081/out/testVegaserver/MINGW.Gui.Main\main.o:main.cp
p:(.text$_ZN18WithVegaTab4LayoutIN3Upp10ParentCtrlEED0Ev[Wit hVegaTab4Layout <U
 pp::ParentCtrl>::~WithVegaTab4Layout()]+0x1d): undefined reference to
`Upp::RichEdit::~RichEdit()'
 C:/upp20081/out/testVegaserver/MINGW.Gui.Main\main.o:main.cp
p:(.text$_ZN8VegaTab3D0Ev[VegaTab3::~VegaTab3()]+0x20): undefined reference t
 o `Upp::RichEdit::~RichEdit()'
 C:/upp20081/out/testVegaserver/MINGW.Gui.Main\main.o:main.cp
p:(.text$_ZN8VegaMainD1Ev[VegaMain::~VegaMain()]+0xe): undefined reference to
  `vtable for VegaMain'
 C:/upp20081/out/testVegaserver/MINGW.Gui.Main\main.o:main.cp
p:(.text$_Z10GuiMainFn_v+0x1a): undefined reference to `VegaMain::VegaMain()'

 C:/upp20081/out/testVegaserver/MINGW.Gui.Main\main.o:main.cp
p:(.text$_Z10GuiMainFn_v+0xa9): undefined reference to `VegaMain::ReadVegFile
 (Upp::String)'
 C:/upp20081/out/testVegaserver/MINGW.Gui.Main\main.o:main.cp
```

```
p:(.text$_Z10GuiMainFn_v+0x1f0): undefined reference to `RoundData::AdjournCr
 ossTableSwiss(int)'
 C:/upp20081/out/testVegaserver/MINGW.Gui.Main\main.o:main.cp
p:(.text$_Z10GuiMainFn_v+0x218): undefined reference to `RoundData::AdjournCr
 ossTableRR(int)'
 C:/upp20081/out/testVegaserver/MINGW.Gui.Main\main.o:main.cp
p:(.text$_Z10GuiMainFn_v+0x252): undefined reference to `VegaMain::DopairingC
 B()'
 C:/upp20081/out/testVegaserver/MINGW.Gui.Main\main.o:main.cp
p:(.text$_Z10GuiMainFn_v+0x2a2): undefined reference to `VegaMain::ReadVegFil
 e(Upp::String)'
 C:/upp20081/out/testVegaserver/MINGW.Gui.Main\main.o:main.cp
p:(.text$_Z10GuiMainFn_v+0x40a): undefined reference to `VegaMain::GetResultC
 B(Upp::String)'
collect2: ld returned 1 exit status
C:\upp20081\mingw\bin\c++.exe -static -mwindows -o
"C:\upp20081\out\MINGW.Gui\testVegaserver.exe" -Wl,-s -L"C:\upp20081\mingw\lib" -L"C:\
 MyApps\testVegaserver" -Wl,-O,2  "C:/upp20081/out/testVegaserver/MINGW.Gui.Main\main.o"
"C:/upp20081/out/CtrlLib/MINGW.Gui\CtrlLib.o"
  "C:/upp20081/out/CtrlCore/MINGW.Gui\CtrlCore.o"
"C:/upp20081/out/RichText/MINGW.Gui\RichImage.o" "C:/upp20081/out/plugin/bmp/MINGW.G
 ui\BmpReg.o" "C:/upp20081/out/Web/MINGW.Gui\Web_init.o"
"C:/upp20081/out/plugin/png/MINGW.Gui\pngreg.o" "C:/upp20081/out/plugin/jpg/M
 INGW.Gui\jpgreg.o" -Wl,--start-group  "C:/upp20081/out/CtrlLib/MINGW.Gui\CtrlLib.a" -ladvapi32
-lcomdlg32 -lcomctl32 "C:/upp20081/out
 /CtrlCore/MINGW.Gui\CtrlCore.a" "C:/upp20081/out/RichText/MINGW.Gui\RichText.a" -luser32
-lgdi32 "C:/upp20081/out/Draw/MINGW.Gui\Draw
 .a" "C:/upp20081/out/plugin/bmp/MINGW.Gui\bmp.a" -ladvapi32 -lshell32 -lwinmm -lmpr -lole32
-loleaut32 -luuid "C:/upp20081/out/Core/M
 INGW.Gui\Core.a" -lws2_32 "C:/upp20081/out/Web/MINGW.Gui\Web.a"
"C:/upp20081/out/plugin/z/MINGW.Gui\z.a" "C:/upp20081/out/plugin/png/
 MINGW.Gui\png.a" "C:/upp20081/out/plugin/jpg/MINGW.Gui\jpg.a"
"C:\MyApps\testVegaserver\Vega5server.lib" -Wl,--end-group
Error executing C:\upp20081\mingw\bin\c++.exe -static -mwindows -o
"C:\upp20081\out\MINGW.Gui\testVegaserver.exe" -Wl,-s -L"C:\upp20081\m
 ingw\lib" -L"C:\MyApps\testVegaserver" -Wl,-O,2
"C:/upp20081/out/testVegaserver/MINGW.Gui.Main\main.o" "C:/upp20081/out/CtrlLib/MING
 W.Gui\CtrlLib.o" "C:/upp20081/out/CtrlCore/MINGW.Gui\CtrlCore.o"
"C:/upp20081/out/RichText/MINGW.Gui\RichImage.o" "C:/upp20081/out/pl
 ugin/bmp/MINGW.Gui\BmpReg.o" "C:/upp20081/out/Web/MINGW.Gui\Web_init.o"
"C:/upp20081/out/plugin/png/MINGW.Gui\pngreg.o" "C:/upp20081/
 out/plugin/jpg/MINGW.Gui\jpgreg.o" -Wl,--start-group
"C:/upp20081/out/CtrlLib/MINGW.Gui\CtrlLib.a" -ladvapi32 -lcomdlg32 -lcomctl32
 "C:/upp20081/out/CtrlCore/MINGW.Gui\CtrlCore.a"
"C:/upp20081/out/RichText/MINGW.Gui\RichText.a" -luser32 -lgdi32 "C:/upp20081/out/Dra
 w/MINGW.Gui\Draw.a" "C:/upp20081/out/plugin/bmp/MINGW.Gui\bmp.a" -ladvapi32 -lshell32
-lwinmm -lmpr -lole32 -loleaut32 -luuid "C:/upp
 20081/out/Core/MINGW.Gui\Core.a" -lws2_32 "C:/upp20081/out/Web/MINGW.Gui\Web.a"
```

"C:/upp20081/out/plugin/z/MINGW.Gui\z.a" "C:/upp20081
/out/plugin/png/MINGW.Gui\png.a" "C:/upp20081/out/plugin/jpg/MINGW.Gui\jpg.a"
"C:\MyApps\testVegaserver\Vega5server.lib" -Wl,--end-gr
oup