Subject: ChartDirector
Posted by laurice on Thu, 05 Oct 2006 11:32:29 GMT
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Hi,

Has anyone tried compiling/building ChartDirector into their U++ apps? I have tried incorporating this charting/graphing library into my application but I always get stuck during compiling/linking. Btw, ChartDirector is done in C++ as well and you can find the library's site here: http://www.advsofteng.com/

Scenario:

U++ 609-dev3
WinXP

File Attachments

1) charting.cpp, downloaded 2387 times

Subject: Re: ChartDirector
Posted by laurice on Thu, 05 Oct 2006 11:34:21 GMT
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Here's the Compile/Link Messages:

```
----- Core ( GCC BLITZ WIN32 ) (1 / 3)
----- plugin\z ( GCC BLITZ WIN32 ) (2 / 3)
----- Charting ( MAIN GCC BLITZ WIN32 ) (3 / 3)
Linking...
(option '-O 2' ignored)
File 'libchartdir41.a' not found.
___main: duplicate
-> used:      libmingw32.a:gccmain.o:1
-> discarded: libgcc.a:__main.o:1
11 undefined symbol(s):
_BarLayer2Layer (referenced from c:\upp\out\charting\mingw.blitz.main\charting.o:80;
.text$_ZN8BarLayerC1EP16BarLayerInternal; BarLayer::BarLayer(
 BarLayerInternal *); BarLayer::BarLayer(BarLayerInternal*))
_Box2DrawObj (referenced from c:\upp\out\charting\mingw.blitz.main\charting.o:56;
.text$_ZN3BoxC2EP11BoxInternal; Box::Box(BoxInternal *); Box::Bo
 x(BoxInternal*))
_CAxis_setLabels (referenced from c:\upp\out\charting\mingw.blitz.main\charting.o:73;
```

```
.text$_ZN4Axis9setLabelsE11StringArray; Axis::setLabels(Stri
 ngArray); Axis::setLabels(StringArray))
_CBaseChart_destroy (referenced from c:\upp\out\charting\mingw.blitz.main\charting.o:64;
.text$_ZN9BaseChartD2Ev; BaseChart::~BaseChart(void); Bas
 eChart::~BaseChart())
_CBaseChart_makeChart (referenced from c:\upp\out\charting\mingw.blitz.main\charting.o:67;
.text$_ZN9BaseChart9makeChartEPKc; BaseChart::makeChart
 (char const *); BaseChart::makeChart(char const*))
_CXYChart_addBarLayer (referenced from c:\upp\out\charting\mingw.blitz.main\charting.o:91;
.text$_ZN7XYChart11addBarLayerE11DoubleArrayiPKci; XYCh
 art::addBarLayer(DoubleArray, int, char const *, int); XYChart::addBarLayer(DoubleArray, int,
char const*, int))
_CXYChart_create (referenced from c:\upp\out\charting\mingw.blitz.main\charting.o:88;
.text$_ZN7XYChartC1Eiiiii; XYChart::XYChart(int, int, int, i
 nt, int); XYChart::XYChart(int, int, int, int, int))
_CXYChart_setPlotArea (referenced from c:\upp\out\charting\mingw.blitz.main\charting.o:90;
.text$_ZN7XYChart11setPlotAreaEiiiiiiiii; XYChart::setP
 lotArea(int, int, int, int, int, int, int, int, int); XYChart::setPlotArea(int, int, int, int, int, int, int, int, int))
_CXYChart_xAxis (referenced from c:\upp\out\charting\mingw.blitz.main\charting.o:89;
.text$_ZN7XYChart5xAxisEv; XYChart::xAxis(void); XYChart::xAx
 is())
_TextBox2Box (referenced from c:\upp\out\charting\mingw.blitz.main\charting.o:60;
.text$_ZN7TextBoxC1EP15TextBoxInternal; TextBox::TextBox(TextBox
 Internal *); TextBox::TextBox(TextBoxInternal*))
_XYChart2BaseChart (referenced from c:\upp\out\charting\mingw.blitz.main\charting.o:88;
.text$_ZN7XYChartC1Eiiiii; XYChart::XYChart(int, int, int,
  int, int); XYChart::XYChart(int, int, int, int, int))
linking aborted due to fatal errors
collect2: ld returned 1 exit status

There were errors. (0:04.21)
```

Subject: Re: ChartDirector
Posted by masu on Thu, 05 Oct 2006 13:03:46 GMT
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Hi,

the linker cannot find your ChartDirector library, so you must tell it, were the library is defined.
I downloaded the ChartDirector library and created a package with your application source file.
The library only contains an import library for the DLL, but this should be no problem.
Then I added to the package the following flags using the package organizer dialog:

Link options:
-L"path to your ChartDirector dir/lib"

Libraries:

chartdir41

If this does not work for you, try to add only

Link options:
"path to your ChartDirector dir/lib/chartdir41.lib"

Matthias

Subject: Re: ChartDirector
Posted by laurice on Thu, 05 Oct 2006 14:04:59 GMT
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Hi Masu,

Thank you very much, I'm seeing great progress now. I'm able to build it successfully with your tips.

The path to the actual .lib in link options did it.
Many thanks to you!

Laurice
