
Subject: Re: Link problem on linux
Posted by [Didier](#) on Fri, 11 Oct 2013 15:54:37 GMT
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I've just done a simple test:

Added plugin/FT_fonts to Draw01 tutorial, did a complete rebuild and got the following errors:

Quote:MD5.cpp

SHA1.cpp

----- plugin/png (GUI GCC SHARED BLITZ LINUX POSIX) (9 / 10)

pnglib.c

pngupp.cpp

pngreg.icpp

----- Draw01 (GUI MAIN GCC SHARED BLITZ LINUX POSIX) (10 / 10)

main.cpp

Core: 55 file(s) built in (0:00.61), 11 msecs / file, duration = 2544 msecs, parallelization 100%

plugin/png: 3 file(s) built in (0:00.02), 7 msecs / file, duration = 359 msecs, parallelization 100%

Draw01: 1 file(s) built in (0:00.18), 188 msecs / file, duration = 416 msecs, parallelization 47%

Linking...

/users/didier/upp.out/tutorial/CtrlCore/GCC.Blitz.Gui.Shared /\$blitz.o: In function

`_GLOBAL__sub_I__ZN3Upp11ImageBufferC2ERNS_9ImageDrawE':

\$blitz.cpp:(.text.startup._GLOBAL__sub_I__ZN3Upp11ImageBuffer

rC2ERNS_9ImageDrawE+0x367): undefined reference to `Upp::GetFontInfoSysXft'

\$blitz.cpp:(.text.startup._GLOBAL__sub_I__ZN3Upp11ImageBuffer

rC2ERNS_9ImageDrawE+0x371): undefined reference to `Upp::GetGlyphInfoSysXft'

collect2: error: ld returned 1 exit status

I verified that the main.conf.h file for Draw01 contained : #define CUSTOM_FONTSYS

==> I'm back to my original question: is "extern xxxx" really accepted in C++ ??? or is my GCC doing me some nasty tricks ???

My GCC is the following :

Quote:[didier@localhost ~]\$ gcc -v

Using built-in specs.

COLLECT_GCC=/usr/bin/gcc

COLLECT_LTO_WRAPPER=/usr/libexec/gcc/i686-redhat-linux/4.7.2 /lto-wrapper

Target: i686-redhat-linux

Configured with: ../configure --prefix=/usr --mandir=/usr/share/man --infodir=/usr/share/info

--with-bugurl=http://bugzilla.redhat.com/bugzilla --enable-bootstrap --enable-shared

--enable-threads=posix --enable-checking=release --disable-build-with-cxx

--disable-build-poststage1-with-cxx --with-system-zlib --enable-__cxa_atexit

--disable-libunwind-exceptions --enable-gnu-unique-object --enable-linker-build-id

--with-linker-hash-style=gnu --enable-languages=c,c++,objc,obj-c++,java,fortran,ada,go,lto

--enable-plugin --enable-initfini-array --enable-java-awt=gtk --disable-dssi

```
--with-java-home=/usr/lib/jvm/java-1.5.0-gcj-1.5.0.0/jre --enable-libgcj-multifile  
--enable-java-maintainer-mode --with-ecj-jar=/usr/share/java/eclipse-ecj.jar  
--disable-libjava-multilib --with-ppl --with-cloog --with-tune=generic --with-arch=i686  
--build=i686-redhat-linux
```

Thread model: posix

gcc version 4.7.2 20120921 (Red Hat 4.7.2-2) (GCC)
