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Subject: Problem with "SDL Example" in Upp 2008.1 [BUG?]

Posted by [emr84](#) on Fri, 08 Aug 2008 00:22:47 GMT

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I tried to compile the SDL Example in Upp 2008.1 under Windows with Mingw (the included version), and I have obtained the following error:

```
----- Core ( GCC DEBUG DEBUG_FULL BLITZ WIN32 ) (1 / 3)
BLITZ: Cpu.cpp Mt.cpp sheap.cpp String.cpp WString.cpp StrUtil.cpp CharSet.cpp Path.cpp
NetNode.cpp App.cpp Stream.
  cpp BlockStream.cpp Log.cpp Debug.cpp Util.cpp mathutil.cpp Vcont.cpp Hash.cpp Callback.cpp
TimeDate.cpp Value.
  cpp Format.cpp Convert.cpp Color.cpp Gtypes.cpp t.cpp Lang.cpp parser.cpp XML.cpp
Xmlize.cpp Uuid.cpp Ptr.cpp z
  .cpp Topic.cpp CoWork.cpp Dli.cpp Win32Util.cpp
OL_Set.cpp
heaputil.cpp
lheap.cpp
heap.cpp
heapdbg.cpp
Core: 42 file(s) built in (0:38.71), 921 msecs / file, duration = 38750 msecs
----- plugin\z ( GCC DEBUG DEBUG_FULL BLITZ WIN32 ) (2 / 3)
adler32.c
compress.c
crc32.c
deflate.c
gzio.c
infblock.c
infcodes.c
inffast.c
inflate.c
inftrees.c
infutil.c
trees.c
uncompr.c
zutil.c
plugin\z: 14 file(s) built in (0:04.03), 287 msecs / file, duration = 4031 msecs
----- SDLExample ( MAIN GCC DEBUG DEBUG_FULL BLITZ WIN32 ) (3 / 3)
main.cpp
SDLExample: 1 file(s) built in (0:03.42), 3422 msecs / file, duration = 3422 msecs
Linking...
C:\upp\mingw\lib\libmingw32.a(main.o):main.c:(.text+0x104): undefined reference to
`_WinMain@16'
collect2: ld returned 1 exit status
```

There were errors. (0:50.64)

With "Be Verbose":

```

----- Core ( GCC DEBUG DEBUG_FULL BLITZ WIN32 ) ( 1 / 3 )
cd C:\upp\uppsrc\Core
C:\upp\uppsrc\Core\HeapImp.h(1) : blocks BLITZ of C:\upp\uppsrc\Core\heaputil.cpp
C:\upp\uppsrc\Core\HeapImp.h(1) : blocks BLITZ of C:\upp\uppsrc\Core\heap.cpp
C:\upp\uppsrc\Core\HeapImp.h(1) : blocks BLITZ of C:\upp\uppsrc\Core\heap.cpp
C:\upp\uppsrc\Core\HeapImp.h(1) : blocks BLITZ of C:\upp\uppsrc\Core\heapdbg.cpp
BLITZ: Cpu.cpp Mt.cpp sheap.cpp String.cpp WString.cpp StrUtil.cpp CharSet.cpp Path.cpp
NetNode.cpp App.cpp S
tream.cpp BlockStream.cpp Log.cpp Debug.cpp Util.cpp mathutil.cpp Vcont.cpp Hash.cpp
Callback.cpp TimeDat
e.cpp Value.cpp Format.cpp Convert.cpp Color.cpp Gtypes.cpp t.cpp Lang.cpp parser.cpp
XML.cpp Xmlize.cpp
Uuid.cpp Ptr.cpp z.cpp Topic.cpp CoWork.cpp Dli.cpp Win32Util.cpp
C:\upp\mingw\bin\c++.exe -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include"
-I"C:\upp\sd\inc
lude" -DflagGCC -DflagDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32
-DbmYEAR=2008 -DbmMONTH=8 -DbmDAY=7
-DbmHOUR=20 -DbmMINUTE=27 -DbmSECOND=8 -g2 -static -fexceptions -D_DEBUG -O0
-gstabs "C:/upp/out/Core/
MINGW.Debug.Debug_full\$blitz.cpp" -o "C:/upp/out/Core/MINGW.Debug.Debug_full\$blitz.o"
OL_Set.cpp
c++ -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include" -I"C:\upp\sd\include"
-DflagGCC -Dfla
gDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32 -DbmYEAR=2008 -DbmMONTH=8
-DbmDAY=7 -DbmHOUR=20 -DbmMINUT
E=27 -DbmSECOND=8 -g2 -static -fexceptions -D_DEBUG -O0 -gstabs -x c++
"C:\upp\uppsrc\Core\OL_Set.cpp"
-o "C:/upp/out/Core/MINGW.Debug.Debug_full\OL_Set.o"
C:\upp\mingw\bin\c++.exe -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include"
-I"C:\upp\sd\inc
lude" -DflagGCC -DflagDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32
-DbmYEAR=2008 -DbmMONTH=8 -DbmDAY=7
-DbmHOUR=20 -DbmMINUTE=27 -DbmSECOND=8 -g2 -static -fexceptions -D_DEBUG -O0
-gstabs -x c++ "C:\upp\up
psrc\Core\OL_Set.cpp" -o "C:/upp/out/Core/MINGW.Debug.Debug_full\OL_Set.o"
compiled in (0:00.07)
heaputil.cpp
c++ -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include" -I"C:\upp\sd\include"
-DflagGCC -Dfla
gDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32 -DbmYEAR=2008 -DbmMONTH=8
-DbmDAY=7 -DbmHOUR=20 -DbmMINUT
E=27 -DbmSECOND=8 -g2 -static -fexceptions -D_DEBUG -O0 -gstabs -x c++
"C:\upp\uppsrc\Core\heaputil.cp
p" -o "C:/upp/out/Core/MINGW.Debug.Debug_full\heaputil.o"
C:\upp\mingw\bin\c++.exe -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include"
-I"C:\upp\sd\inc
lude" -DflagGCC -DflagDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32

```

```

-DbmYEAR=2008 -DbmMONTH=8 -DbmDAY=7
-DbmHOUR=20 -DbmMINUTE=27 -DbmSECOND=8 -g2 -static -fexceptions -D_DEBUG -O0
-gstabs -x c++ "C:\upp\up
psrc\Core\heaputil.cpp" -o "C:/upp/out/Core/MINGW.Debug.Debug_full\heaputil.o"
compiled in (0:02.26)
lheap.cpp
c++ -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include" -I"C:\upp\sdl\include"
-DflagGCC -Dfla
gDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32 -DbmYEAR=2008 -DbmMONTH=8
-DbmDAY=7 -DbmHOUR=20 -DbmMINUT
E=27 -DbmSECOND=8 -g2 -static -fexceptions -D_DEBUG -O0 -gstabs -x c++
"C:\upp\uppsrc\Core\lheap.cpp"
-o "C:/upp/out/Core/MINGW.Debug.Debug_full\lheap.o"
C:\upp\mingw\bin\c++.exe -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include"
-I"C:\upp\sdl\inc
lude" -DflagGCC -DflagDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32
-DbmYEAR=2008 -DbmMONTH=8 -DbmDAY=7
-DbmHOUR=20 -DbmMINUTE=27 -DbmSECOND=8 -g2 -static -fexceptions -D_DEBUG -O0
-gstabs -x c++ "C:\upp\up
psrc\Core\lheap.cpp" -o "C:/upp/out/Core/MINGW.Debug.Debug_full\lheap.o"
compiled in (0:02.89)
heap.cpp
c++ -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include" -I"C:\upp\sdl\include"
-DflagGCC -Dfla
gDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32 -DbmYEAR=2008 -DbmMONTH=8
-DbmDAY=7 -DbmHOUR=20 -DbmMINUT
E=27 -DbmSECOND=8 -g2 -static -fexceptions -D_DEBUG -O0 -gstabs -x c++
"C:\upp\uppsrc\Core\heap.cpp" -
o "C:/upp/out/Core/MINGW.Debug.Debug_full\heap.o"
C:\upp\mingw\bin\c++.exe -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include"
-I"C:\upp\sdl\inc
lude" -DflagGCC -DflagDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32
-DbmYEAR=2008 -DbmMONTH=8 -DbmDAY=7
-DbmHOUR=20 -DbmMINUTE=27 -DbmSECOND=8 -g2 -static -fexceptions -D_DEBUG -O0
-gstabs -x c++ "C:\upp\up
psrc\Core\heap.cpp" -o "C:/upp/out/Core/MINGW.Debug.Debug_full\heap.o"
compiled in (0:02.76)
heapdbg.cpp
c++ -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include" -I"C:\upp\sdl\include"
-DflagGCC -Dfla
gDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32 -DbmYEAR=2008 -DbmMONTH=8
-DbmDAY=7 -DbmHOUR=20 -DbmMINUT
E=27 -DbmSECOND=8 -g2 -static -fexceptions -D_DEBUG -O0 -gstabs -x c++
"C:\upp\uppsrc\Core\heapdbg.cpp"
-o "C:/upp/out/Core/MINGW.Debug.Debug_full\heapdbg.o"
C:\upp\mingw\bin\c++.exe -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include"
-I"C:\upp\sdl\inc
lude" -DflagGCC -DflagDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32

```

```

-DbmYEAR=2008 -DbmMONTH=8 -DbmDAY=7
-DbmHOUR=20 -DbmMINUTE=27 -DbmSECOND=8 -g2 -static -fexceptions -D_DEBUG -O0
-gstabs -x c++ "C:\upp\up
psrc\Core\heapdbg.cpp" -o "C:/upp/out/Core/MINGW.Debug.Debug_full\heapdbg.o"
compiled in (0:02.14)
Core: 42 file(s) built in (0:32.76), 780 msecs / file, duration = 32891 msecs
----- plugin\z ( GCC DEBUG DEBUG_FULL BLITZ WIN32 ) ( 2 / 3 )
cd C:\upp\uppsrc\plugin\z
adler32.c
c++ -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include" -I"C:\upp\sdl\include"
-DflagGCC -Dfla
gDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32 -DbmYEAR=2008 -DbmMONTH=8
-DbmDAY=7 -DbmHOUR=20 -DbmMINUT
E=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0 -gstabs -x c
"C:\upp\uppsrc\plugin\z\lib\adle
r32.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\adler32.o"
C:\upp\mingw\bin\c++.exe -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include"
-I"C:\upp\sdl\inc
lude" -DflagGCC -DflagDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32
-DbmYEAR=2008 -DbmMONTH=8 -DbmDAY=7
-DbmHOUR=20 -DbmMINUTE=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0
-gstabs -x c "C:\upp\upp
src\plugin\z\lib\adler32.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\adler32.o"
compiled in (0:00.11)
compress.c
c++ -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include" -I"C:\upp\sdl\include"
-DflagGCC -Dfla
gDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32 -DbmYEAR=2008 -DbmMONTH=8
-DbmDAY=7 -DbmHOUR=20 -DbmMINUT
E=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0 -gstabs -x c
"C:\upp\uppsrc\plugin\z\lib\comp
ress.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\compress.o"
C:\upp\mingw\bin\c++.exe -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include"
-I"C:\upp\sdl\inc
lude" -DflagGCC -DflagDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32
-DbmYEAR=2008 -DbmMONTH=8 -DbmDAY=7
-DbmHOUR=20 -DbmMINUTE=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0
-gstabs -x c "C:\upp\upp
src\plugin\z\lib\compress.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\compress.o"
compiled in (0:00.07)
crc32.c
c++ -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include" -I"C:\upp\sdl\include"
-DflagGCC -Dfla
gDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32 -DbmYEAR=2008 -DbmMONTH=8
-DbmDAY=7 -DbmHOUR=20 -DbmMINUT
E=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0 -gstabs -x c
"C:\upp\uppsrc\plugin\z\lib\crc3
2.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\crc32.o"

```

```

C:\upp\mingw\bin\c++.exe -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include"
-I"C:\upp\sd\inc
lude" -DflagGCC -DflagDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32
-DbmYEAR=2008 -DbmMONTH=8 -DbmDAY=7
-DbmHOUR=20 -DbmMINUTE=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0
-gstabs -x c "C:\upp\upp
src\plugin\z\lib\crc32.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\crc32.o"
compiled in (0:00.09)
deflate.c
c++ -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include" -I"C:\upp\sd\include"
-DflagGCC -Dfla
gDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32 -DbmYEAR=2008 -DbmMONTH=8
-DbmDAY=7 -DbmHOUR=20 -DbmMINUT
E=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0 -gstabs -x c
"C:\upp\uppsrc\plugin\z\lib\defl
ate.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\deflate.o"
C:\upp\mingw\bin\c++.exe -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include"
-I"C:\upp\sd\inc
lude" -DflagGCC -DflagDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32
-DbmYEAR=2008 -DbmMONTH=8 -DbmDAY=7
-DbmHOUR=20 -DbmMINUTE=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0
-gstabs -x c "C:\upp\upp
src\plugin\z\lib\deflate.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\deflate.o"
compiled in (0:00.28)
gzio.c
c++ -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include" -I"C:\upp\sd\include"
-DflagGCC -Dfla
gDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32 -DbmYEAR=2008 -DbmMONTH=8
-DbmDAY=7 -DbmHOUR=20 -DbmMINUT
E=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0 -gstabs -x c
"C:\upp\uppsrc\plugin\z\lib\gzio
.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\gzio.o"
C:\upp\mingw\bin\c++.exe -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include"
-I"C:\upp\sd\inc
lude" -DflagGCC -DflagDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32
-DbmYEAR=2008 -DbmMONTH=8 -DbmDAY=7
-DbmHOUR=20 -DbmMINUTE=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0
-gstabs -x c "C:\upp\upp
src\plugin\z\lib\gzio.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\gzio.o"
compiled in (0:00.14)
infblock.c
c++ -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include" -I"C:\upp\sd\include"
-DflagGCC -Dfla
gDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32 -DbmYEAR=2008 -DbmMONTH=8
-DbmDAY=7 -DbmHOUR=20 -DbmMINUT
E=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0 -gstabs -x c
"C:\upp\uppsrc\plugin\z\lib\infb
lock.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\infblock.o"

```

```

C:\upp\mingw\bin\c++.exe -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include"
-I"C:\upp\sd\inc
lude" -DflagGCC -DflagDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32
-DbmYEAR=2008 -DbmMONTH=8 -DbmDAY=7
-DbmHOUR=20 -DbmMINUTE=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0
-gstabs -x c "C:\upp\upp
src\plugin\z\lib\infblock.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\infblock.o"
compiled in (0:00.20)
infcodes.c
c++ -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include" -I"C:\upp\sd\include"
-DflagGCC -Dfla
gDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32 -DbmYEAR=2008 -DbmMONTH=8
-DbmDAY=7 -DbmHOUR=20 -DbmMINUT
E=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0 -gstabs -x c
"C:\upp\uppsrc\plugin\z\lib\inf
odes.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\infcodes.o"
C:\upp\mingw\bin\c++.exe -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include"
-I"C:\upp\sd\inc
lude" -DflagGCC -DflagDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32
-DbmYEAR=2008 -DbmMONTH=8 -DbmDAY=7
-DbmHOUR=20 -DbmMINUTE=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0
-gstabs -x c "C:\upp\upp
src\plugin\z\lib\infcodes.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\infcodes.o"
compiled in (0:00.17)
inffast.c
c++ -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include" -I"C:\upp\sd\include"
-DflagGCC -Dfla
gDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32 -DbmYEAR=2008 -DbmMONTH=8
-DbmDAY=7 -DbmHOUR=20 -DbmMINUT
E=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0 -gstabs -x c
"C:\upp\uppsrc\plugin\z\lib\inff
ast.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\inffast.o"
C:\upp\mingw\bin\c++.exe -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include"
-I"C:\upp\sd\inc
lude" -DflagGCC -DflagDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32
-DbmYEAR=2008 -DbmMONTH=8 -DbmDAY=7
-DbmHOUR=20 -DbmMINUTE=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0
-gstabs -x c "C:\upp\upp
src\plugin\z\lib\inffast.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\inffast.o"
compiled in (0:00.12)
inflate.c
c++ -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include" -I"C:\upp\sd\include"
-DflagGCC -Dfla
gDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32 -DbmYEAR=2008 -DbmMONTH=8
-DbmDAY=7 -DbmHOUR=20 -DbmMINUT
E=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0 -gstabs -x c
"C:\upp\uppsrc\plugin\z\lib\infl
ate.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\inflate.o"

```



```

C:\upp\mingw\bin\c++.exe -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include"
-I"C:\upp\sd\inc
lude" -DflagGCC -DflagDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32
-DbmYEAR=2008 -DbmMONTH=8 -DbmDAY=7
-DbmHOUR=20 -DbmMINUTE=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0
-gstabs -x c "C:\upp\upp
src\plugin\z\lib\inflate.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\inflate.o"
compiled in (0:00.15)
inftrees.c
c++ -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include" -I"C:\upp\sd\include"
-DflagGCC -Dfla
gDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32 -DbmYEAR=2008 -DbmMONTH=8
-DbmDAY=7 -DbmHOUR=20 -DbmMINUT
E=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0 -gstabs -x c
"C:\upp\uppsrc\plugin\z\lib\inft
rees.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\inftrees.o"
C:\upp\mingw\bin\c++.exe -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include"
-I"C:\upp\sd\inc
lude" -DflagGCC -DflagDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32
-DbmYEAR=2008 -DbmMONTH=8 -DbmDAY=7
-DbmHOUR=20 -DbmMINUTE=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0
-gstabs -x c "C:\upp\upp
src\plugin\z\lib\inftrees.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\inftrees.o"
compiled in (0:00.29)
infutil.c
c++ -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include" -I"C:\upp\sd\include"
-DflagGCC -Dfla
gDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32 -DbmYEAR=2008 -DbmMONTH=8
-DbmDAY=7 -DbmHOUR=20 -DbmMINUT
E=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0 -gstabs -x c
"C:\upp\uppsrc\plugin\z\lib\infu
til.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\infutil.o"
C:\upp\mingw\bin\c++.exe -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include"
-I"C:\upp\sd\inc
lude" -DflagGCC -DflagDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32
-DbmYEAR=2008 -DbmMONTH=8 -DbmDAY=7
-DbmHOUR=20 -DbmMINUTE=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0
-gstabs -x c "C:\upp\upp
src\plugin\z\lib\infutil.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\infutil.o"
compiled in (0:00.09)
trees.c
c++ -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include" -I"C:\upp\sd\include"
-DflagGCC -Dfla
gDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32 -DbmYEAR=2008 -DbmMONTH=8
-DbmDAY=7 -DbmHOUR=20 -DbmMINUT
E=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0 -gstabs -x c
"C:\upp\uppsrc\plugin\z\lib\tree
s.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\trees.o"

```

```

C:\upp\mingw\bin\c++.exe -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include"
-I"C:\upp\sd\inc
lude" -DflagGCC -DflagDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32
-DbmYEAR=2008 -DbmMONTH=8 -DbmDAY=7
-DbmHOUR=20 -DbmMINUTE=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0
-gstabs -x c "C:\upp\upp
src\plugin\z\lib\trees.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\trees.o"
compiled in (0:00.34)
uncompr.c
c++ -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include" -I"C:\upp\sd\include"
-DflagGCC -Dfla
gDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32 -DbmYEAR=2008 -DbmMONTH=8
-DbmDAY=7 -DbmHOUR=20 -DbmMINUT
E=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0 -gstabs -x c
"C:\upp\uppsrc\plugin\z\lib\unco
mpr.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\uncompr.o"
C:\upp\mingw\bin\c++.exe -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include"
-I"C:\upp\sd\inc
lude" -DflagGCC -DflagDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32
-DbmYEAR=2008 -DbmMONTH=8 -DbmDAY=7
-DbmHOUR=20 -DbmMINUTE=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0
-gstabs -x c "C:\upp\upp
src\plugin\z\lib\uncompr.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\uncompr.o"
compiled in (0:00.07)
zutil.c
c++ -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include" -I"C:\upp\sd\include"
-DflagGCC -Dfla
gDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32 -DbmYEAR=2008 -DbmMONTH=8
-DbmDAY=7 -DbmHOUR=20 -DbmMINUT
E=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0 -gstabs -x c
"C:\upp\uppsrc\plugin\z\lib\zuti
l.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\zutil.o"
C:\upp\mingw\bin\c++.exe -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include"
-I"C:\upp\sd\inc
lude" -DflagGCC -DflagDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32
-DbmYEAR=2008 -DbmMONTH=8 -DbmDAY=7
-DbmHOUR=20 -DbmMINUTE=27 -DbmSECOND=41 -g2 -static -fexceptions -D_DEBUG -O0
-gstabs -x c "C:\upp\upp
src\plugin\z\lib\zutil.c" -o "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\zutil.o"
compiled in (0:00.10)
plugin\z: 14 file(s) built in (0:02.14), 153 msec / file, duration = 2344 msec
----- SDLExample ( MAIN GCC DEBUG DEBUG_FULL BLITZ WIN32 ) ( 3 / 3 )
cd C:\upp\examples\SDLExample
main.cpp
c++ -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include" -I"C:\upp\sd\include"
-DflagMAIN -Dfl
agGCC -DflagDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32 -DbmYEAR=2008
-DbmMONTH=8 -DbmDAY=7 -DbmHOUR=2

```



```

0 -DbmMINUTE=27 -DbmSECOND=43 -g2 -static -fexceptions -D_DEBUG -O0 -gstabs -x c++
"C:\upp\examples\SD
LE\example\main.cpp" -o "C:/upp/out/SDLE\example\MINGW.Debug.Debug_full.Main\main.o"
C:\upp\mingw\bin\c++.exe -c -I"C:\upp\examples" -I"C:\upp\uppsrc" -I"C:\upp\mingw\include"
-I"C:\upp\sd\inc
lude" -DflagMAIN -DflagGCC -DflagDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32
-DbmYEAR=2008 -DbmMONTH=8
-DbmDAY=7 -DbmHOUR=20 -DbmMINUTE=27 -DbmSECOND=43 -g2 -static -fexceptions
-D_DEBUG -O0 -gstabs -x c+
+ "C:\upp\examples\SDLE\example\main.cpp" -o
"C:/upp/out/SDLE\example\MINGW.Debug.Debug_full.Main\main.o"
compiled in (0:02.09)
SDLE\example: 1 file(s) built in (0:02.09), 2094 msecs / file, duration = 2094 msecs
Linking...
c++ -static -mwindows -mconsole -o "C:\upp\out\MINGW.Debug.Debug_full\SDLE\example.exe"
-ggdb -L"C:\upp\mingw\l
ib" -L"C:\upp\sd\lib" -Wl,-O,2 "C:/upp/out/SDLE\example\MINGW.Debug.Debug_full.Main\main.o"
"C:/upp/out/C
ore/MINGW.Debug.Debug_full\$_blitz.o" "C:/upp/out/Core/MINGW.Debug.Debug_full\OL_Set.o"
"C:/upp/out/Core/M
INGW.Debug.Debug_full\heaputil.o" "C:/upp/out/Core/MINGW.Debug.Debug_full\heap.o"
"C:/upp/out/Core/MINGW
.Debug.Debug_full\heap.o" "C:/upp/out/Core/MINGW.Debug.Debug_full\heapdbg.o"
"C:/upp/out/plugin/z/MINGW.D
ebug.Debug_full\adler32.o" "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\compress.o"
"C:/upp/out/plugin/z/M
INGW.Debug.Debug_full\crc32.o" "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\deflate.o"
"C:/upp/out/plugin/
z/MINGW.Debug.Debug_full\gzio.o" "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\infblock.o"
"C:/upp/out/plug
in/z/MINGW.Debug.Debug_full\infcodes.o"
"C:/upp/out/plugin/z/MINGW.Debug.Debug_full\inffast.o" "C:/upp/ou
t/plugin/z/MINGW.Debug.Debug_full\inflate.o"
"C:/upp/out/plugin/z/MINGW.Debug.Debug_full\infrees.o" "C:/
upp/out/plugin/z/MINGW.Debug.Debug_full\infutil.o"
"C:/upp/out/plugin/z/MINGW.Debug.Debug_full\trees.o" "
C:/upp/out/plugin/z/MINGW.Debug.Debug_full\uncompr.o"
"C:/upp/out/plugin/z/MINGW.Debug.Debug_full\zutil.o
" -Wl,--start-group -ladvapi32 -lshell32 -lwinmm -lmpr -lole32 -loleaut32 -luuid
"C:\upp\sd\lib\SDL.dll
" -ISDLmain -Wl,--end-group
C:\upp\mingw\lib\libmingw32.a(main.o):main.c:(.text+0x104): undefined reference to
`_WinMain@16'
collect2: ld returned 1 exit status
C:\upp\mingw\bin\c++.exe -static -mwindows -mconsole -o
"C:\upp\out\MINGW.Debug.Debug_full\SDLE\example.exe" -g
gdb -L"C:\upp\mingw\lib" -L"C:\upp\sd\lib" -Wl,-O,2
"C:/upp/out/SDLE\example\MINGW.Debug.Debug_full.Main\

```

```

main.o" "C:/upp/out/Core/MINGW.Debug.Debug_full\$blitz.o"
"C:/upp/out/Core/MINGW.Debug.Debug_full\OL_Set.
o" "C:/upp/out/Core/MINGW.Debug.Debug_full\heaputil.o"
"C:/upp/out/Core/MINGW.Debug.Debug_full\heap.o" "
C:/upp/out/Core/MINGW.Debug.Debug_full\heap.o"
"C:/upp/out/Core/MINGW.Debug.Debug_full\heapdbg.o" "C:/upp
/out/plugin/z/MINGW.Debug.Debug_full\adler32.o"
"C:/upp/out/plugin/z/MINGW.Debug.Debug_full\compress.o" "
C:/upp/out/plugin/z/MINGW.Debug.Debug_full\crc32.o"
"C:/upp/out/plugin/z/MINGW.Debug.Debug_full\deflate.o
" "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\gzio.o"
"C:/upp/out/plugin/z/MINGW.Debug.Debug_full\infbloc
k.o" "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\infcodes.o"
"C:/upp/out/plugin/z/MINGW.Debug.Debug_full\
inffast.o" "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\inflate.o"
"C:/upp/out/plugin/z/MINGW.Debug.Debug_
full\inftrees.o" "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\infutil.o"
"C:/upp/out/plugin/z/MINGW.Debug.
Debug_full\trees.o" "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\uncompr.o"
"C:/upp/out/plugin/z/MINGW.Deb
ug.Debug_full\zutil.o" -Wl,--start-group -ladvapi32 -lshell32 -lwinmm -lmpr -lole32 -loleaut32
-luuid "C
:\upp\sdllib\SDL.dll" -ISDLmain -Wl,--end-group
Error executing C:\upp\mingw\bin\c++.exe -static -mwindows -mconsole -o
"C:\upp\out\MINGW.Debug.Debug_full\SD
LEExample.exe" -ggdb -L"C:\upp\mingw\lib" -L"C:\upp\sdllib" -Wl,-O,2
"C:/upp/out/SDLEExample/MINGW.Debug.
Debug_full.Main\main.o" "C:/upp/out/Core/MINGW.Debug.Debug_full\$blitz.o"
"C:/upp/out/Core/MINGW.Debug.De
bug_full\OL_Set.o" "C:/upp/out/Core/MINGW.Debug.Debug_full\heaputil.o"
"C:/upp/out/Core/MINGW.Debug.Debug
_full\heap.o" "C:/upp/out/Core/MINGW.Debug.Debug_full\heap.o"
"C:/upp/out/Core/MINGW.Debug.Debug_full\he
apdbg.o" "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\adler32.o"
"C:/upp/out/plugin/z/MINGW.Debug.Debug_fu
ll\compress.o" "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\crc32.o"
"C:/upp/out/plugin/z/MINGW.Debug.Debu
g_full\deflate.o" "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\gzio.o"
"C:/upp/out/plugin/z/MINGW.Debug.De
bug_full\infblock.o" "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\infcodes.o"
"C:/upp/out/plugin/z/MINGW.D
ebug.Debug_full\inffast.o" "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\inflate.o"
"C:/upp/out/plugin/z/MI
NGW.Debug.Debug_full\inftrees.o" "C:/upp/out/plugin/z/MINGW.Debug.Debug_full\infutil.o"
"C:/upp/out/plugi
n/z/MINGW.Debug.Debug_full\trees.o"
"C:/upp/out/plugin/z/MINGW.Debug.Debug_full\uncompr.o" "C:/upp/out/pl
ugin/z/MINGW.Debug.Debug_full\zutil.o" -Wl,--start-group -ladvapi32 -lshell32 -lwinmm -lmpr

```

```
-lole32 -lol  
eaut32 -luuid "C:\upp\sd\lib\SDL.dll" -lSDLmain -Wl,--end-group  
Exitcode: 1
```

There were errors. (0:40.54)

---