
Subject: svn 11066 fails to compile, also 11062
Posted by [slashuip](#) on Fri, 12 May 2017 06:57:11 GMT
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debian 8
gcc v 6.2.0

same error for both 11066 and 11062

"make" output-snippet:

```
[...]
g++ -c -x c++ -O3 -ffunction-sections -fdata-sections -std=c++14 -I./ -I/usr/include/gtk-2.0
-I/usr/lib/x86_64-linux-gnu/gtk-2.0/include -I/usr/include/gio-unix-2.0/ -I/usr/include/cairo
-I/usr/include/pango-1.0 -I/usr/include/atk-1.0 -I/usr/include/cairo -I/usr/include/pixman-1
-I/usr/include/libpng12 -I/usr/include/pango-1.0 -I/usr/include/harfbuzz -I/usr/include/pango-1.0
-I/usr/include/freetype2 -I/usr/include/gdk-pixbuf-2.0 -I/usr/include/libpng12 -I/usr/include/glib-2.0
-I/usr/lib/x86_64-linux-gnu/glib-2.0/include -I/usr/include/freetype2 -I/usr/include/freetype2
-I/usr/include/gtk-2.0 -I/usr/include/glib-2.0 -I/usr/lib/glib-2.0/include -I/usr/lib/gtk-2.0/include
-I/usr/include/cairo -I/usr/include/pango-1.0 -I/usr/include/atk-1.0 -I/usr/X11R6/include
-I/usr/X11R6/include/freetype2 -I/usr/X11R6/include/gtk-2.0 -I/usr/X11R6/include/glib-2.0
-I/usr/X11R6/lib/glib-2.0/include -I/usr/X11R6/lib/gtk-2.0/include -I/usr/X11R6/include/cairo
-I/usr/X11R6/include/pango-1.0 -I/usr/X11R6/include/atk-1.0 -I/usr/include/gdk-pixbuf-2.0
-I/usr/include/gtkglext-1.0 -I/usr/lib/gtkglext-1.0/include -I/usr/lib/i386-linux-gnu/glib-2.0/include
-I/usr/lib/x86_64-linux-gnu/glib-2.0/include -I/usr/lib/i386-linux-gnu/gtk-2.0/include
-I/usr/lib/x86_64-linux-gnu/gtk-2.0/include -DflagGCC -DflagSHARED -DflagPOSIX -DflagLINUX
plugin/pcre/lib.cpp -o _out/plugin/pcre/GCCMK-Gcc-Linux-Posix-Shared/lib.o
ar -sr _out/plugin/pcre/GCCMK-Gcc-Linux-Posix-Shared/pcre.a \
_out/plugin/pcre/GCCMK-Gcc-Linux-Posix-Shared/RegExp.o \
_out/plugin/pcre/GCCMK-Gcc-Linux-Posix-Shared/lib.o
ar: creating _out/plugin/pcre/GCCMK-Gcc-Linux-Posix-Shared/pcre.a
g++ -o "umk.out" -Wl,-s -L"/usr/X11R6/lib" -L"/usr/lib" -Wl,-O,2 -Wl,--gc-sections -Wl,--start-group \
_out/umk/GCCMK-Gcc-Linux-Main-Posix-Shared/Console.o \
_out/umk/GCCMK-Gcc-Linux-Main-Posix-Shared/IdeContext.o \
_out/umk/GCCMK-Gcc-Linux-Main-Posix-Shared/MakeBuild.o \
_out/umk/GCCMK-Gcc-Linux-Main-Posix-Shared/Export.o \
_out/umk/GCCMK-Gcc-Linux-Main-Posix-Shared/umake.o \
_out/ide/Builders/GCCMK-Gcc-Linux-Posix-Shared/Builders.a \
_out/ide/Core/GCCMK-Gcc-Linux-Posix-Shared/Core.a \
_out/ide/Android/GCCMK-Gcc-Linux-Posix-Shared/Android.a \
_out/ide/Java/GCCMK-Gcc-Linux-Posix-Shared/Java.a \
_out/Esc/GCCMK-Gcc-Linux-Posix-Shared/Esc.a \
_out/plugin/bz2/GCCMK-Gcc-Linux-Posix-Shared/bz2.a \
_out/plugin/lzma/GCCMK-Gcc-Linux-Posix-Shared/lzma.a \
_out/plugin/lz4/GCCMK-Gcc-Linux-Posix-Shared/lz4.a \
_out/plugin/zstd/GCCMK-Gcc-Linux-Posix-Shared/zstd.a \
_out/Core/GCCMK-Gcc-Linux-Posix-Shared/Core.a \
```

```
_out/plugin/pcre/GCCMK-Gcc-Linux-Posix-Shared/pcre.a \
-lbz2 \
-lpthread \
\
-lrt \
-lz -Wl,--end-group
_out/plugin/zstd/GCCMK-Gcc-Linux-Posix-Shared/zstd.a(Compress.o): In function
`Upp::Function<void
(>::Wrapper<Upp::ZstdCompressStream::FlushOut()::{lambda()#1}>::Execute()':
Compress.cpp:(.text._ZN3Upp8FunctionIFvEE7WrapperI_ZNS_18ZstdCompressStream8FlushO
utEvEUIvE_E7ExecuteEv+0x26): undefined reference to `ZSTD_compress'
_out/plugin/zstd/GCCMK-Gcc-Linux-Posix-Shared/zstd.a(Compress.o): In function
`Upp::ZstdCompressStream::Open(Upp::Stream&, int)':
Compress.cpp:(.text._ZN3Upp18ZstdCompressStream4OpenERNS_6StreamEi+0x5e): undefined
reference to `ZSTD_compressBound'
_out/plugin/zstd/GCCMK-Gcc-Linux-Posix-Shared/zstd.a(Compress.o): In function
`Upp::ZstdCompressStream::FlushOut()':
Compress.cpp:(.text._ZN3Upp18ZstdCompressStream8FlushOutEv+0x32): undefined reference
to `ZSTD_compressBound'
Compress.cpp:(.text._ZN3Upp18ZstdCompressStream8FlushOutEv+0x12f): undefined reference
to `ZSTD_compress'
_out/plugin/zstd/GCCMK-Gcc-Linux-Posix-Shared/zstd.a(Compress.o): In function
`Upp::ZstdCompressStream::Co(bool)':
Compress.cpp:(.text._ZN3Upp18ZstdCompressStream2CoEb+0x4f): undefined reference to
`ZSTD_compressBound'
collect2: error: ld returned 1 exit status
uMakefile:87: recipe for target 'umk.out' failed
make[1]: *** [umk.out] Error 1
make[1]: Leaving directory '/home/mais/upp-svn/upp-x11-src-11066/uppsrc'
DOMAKE WARNING: Can't find uppsrc/ide.out binary
Makefile:5: recipe for target 'all' failed
make: *** [all] Error 4
```

Subject: Re: svn 11066 fails to compile, also 11062
Posted by [amrein](#) on Sat, 13 May 2017 10:23:54 GMT
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Try this snapshot instead:

<http://www.ultimatepp.org/downloads/upp-x11-src-11078.tar.gz>

Subject: Re: svn 11066 fails to compile, also 11062
Posted by [slashupp](#) on Sat, 13 May 2017 12:04:14 GMT

Thank you, that worked

What was the problem? just curious, I had a look at the source for compress/decompress and zstd etc
but could not spot any obvious flaw

Subject: Re: svn 11066 fails to compile, also 11062
Posted by [amrein](#) on Sat, 13 May 2017 17:13:16 GMT
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Two functions were not reachable by the compiler/linker.
The zstd plugin has been deactivated and more works need to be done before we reactivate it.
