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Subject: fthead.h: no such file or directory  
Posted by [crydev](#) on Wed, 24 Oct 2012 08:05:14 GMT  
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I have trouble compiling U++ 5431 on Backtrack 5 R3 x64. I am getting the following error:

```
In file included from /usr/include/X11/Xft/Xft.h:39,
    from /root/upp/uppsrc/CtrlCore/X11Gui.h:13,
    from /root/upp/uppsrc/CtrlCore/CtrlCore.h:20,
    from /root/upp/uppsrc/CtrlLib/CtrlLib.h:4,
    from /root/upp/uppsrc/CtrlLib/Switch.cpp:1:
/usr/include/ft2build.h:56:38: error: freetype/config/fthead.h: No such file or directory
In file included from /root/upp/uppsrc/CtrlCore/X11Gui.h:13,
    from /root/upp/uppsrc/CtrlCore/CtrlCore.h:20,
    from /root/upp/uppsrc/CtrlLib/CtrlLib.h:4,
    from /root/upp/uppsrc/CtrlLib/Switch.cpp:1:
/usr/include/X11/Xft/Xft.h:40:10: error: #include expects "FILENAME" or <FILENAME>
In file included from /usr/include/X11/Xft/Xft.h:39,
    from /root/upp/uppsrc/CtrlCore/X11Gui.h:13,
    from /root/upp/uppsrc/CtrlCore/CtrlCore.h:20,
    from /root/upp/uppsrc/CtrlLib/CtrlLib.h:4,
    from /root/upp/uppsrc/CtrlLib/TextField.cpp:1:
/usr/include/ft2build.h:56:38: error: freetype/config/fthead.h: No such file or directory
In file included from /root/upp/uppsrc/CtrlCore/X11Gui.h:13,
    from /root/upp/uppsrc/CtrlCore/CtrlCore.h:20,
    from /root/upp/uppsrc/CtrlLib/CtrlLib.h:4,
    from /root/upp/uppsrc/CtrlLib/TextField.cpp:1:
/usr/include/X11/Xft/Xft.h:40:10: error: #include expects "FILENAME" or <FILENAME>

and some more...
```

I have searched for a solution but I couldn't find a suitable one. In `/usr/include/freetype` is the file present including all other files. They are in the right directory.

The makefile (`/usr/share/upp/uppsrc/Makefile.in`) has the include path in it, however, I am not a makefile professional so I do not know how it works.

```
UPPOUT = _out/
CINC = -I./ -I((INCLUDES)) -I/usr/include/freetype2/ -I/usr/include/gtk-2.0 -I/$
Macro = -DflagGUI -DflagGCC -DflagSHARED -DflagLINUX -DflagPOSIX
CXX = c++
LINKER = $(CXX)
CFLAGS = -O3 -ffunction-sections -fdata-sections
CXXFLAGS = -O3 -ffunction-sections -fdata-sections
LDFLAGS = -Wl,--gc-sections $(LINKOPTIONS)
LIBPATH = -L"/usr/X11R6/lib" -L"/usr/lib"
AR = ar -sr
```

As you can see, the correct include path is in the makefile. However, this is CXXFLAGS and not CPPFLAGS which I find in the forum posts here. Can anybody tell me what is not correct?

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Subject: Re: fthead.h: no such file or directory  
Posted by [mirek](#) on Wed, 24 Oct 2012 19:42:00 GMT  
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crydev wrote on Wed, 24 October 2012 04:05I have trouble compiling U++ 5431 on Backtrack 5 R3 x64.

What is that?

Quote:  
forum posts here. Can anybody tell me what is not correct?

You do not have freetype-dev installed (development files for freetype library).

There is "debian" file listing U++ dependencies as apt-get commands. Even if your distro (if it is POSIX) is not .deb based, you can use that file to find out about those dependencies...

Mirek

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Subject: Re: fthead.h: no such file or directory  
Posted by [mirek](#) on Wed, 24 Oct 2012 19:43:10 GMT  
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Ha, looks like Backtrack is something debian based - in that case running that "debian" file in sh should be enough...

Mirek

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