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Subject: Cross Compile to ARM via ToolChain  
Posted by [d\\_th](#) on Tue, 19 May 2009 22:44:57 GMT  
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Hi,  
i try to compile some simple Code from examples via an existing Tool chain, for an ARM System, on an Debian Etch PC.

I ask many People in this Board, have a lot of help but it wouldn't work.

In the upload file i give you my BuildMethod File and the error log.

I do not understand how to set the right options for compile.

Thanks for your Help!

Dieter

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#### File Attachments

1) [UPP.help](#), downloaded 430 times

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Subject: Re: Cross Compile to ARM via ToolChain  
Posted by [cocob](#) on Wed, 20 May 2009 06:51:45 GMT  
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this is your include dir settings

```
INCLUDE = " /usr/include/freetype2;/usr/include/gtk-2.0;/usr/include/glib-2.0;/usr/lib/glib-2.0/include;/usr/lib/gtk-2.0/include;/usr/include/cairo;/usr/include/pango-1.0;/usr/include/atk-1.0;/usr/X11R6/include;/usr/X11R6/include/freetype2;/usr/X11R6/include/gtk-2.0;/usr/X11R6/include/glib-2.0;/usr/X11R6/lib/glib-2.0/include;/usr/X11R6/lib/gtk-2.0/include;/usr/X11R6/include/cairo;/usr/X11R6/include/pango-1.0;/usr/X11R6/include/atk-1.0;/usr/include/X11 ";
```

The compiler is searching for X11/Xlib.h  
where is this file on your system ?

if it is on /usr/include/X11/ you must add /usr/include to your include dirs, etc...

cocob

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Subject: Re: Cross Compile to ARM via ToolChain

Posted by [d\\_th](#) on Fri, 22 May 2009 19:09:43 GMT

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hi cocob,

many thanks for your help!

there is an other problem now after fixing the path problem.  
i think it depends on the architecture, but i have no idea how to fix it.  
Can you help me?

```
#elif __arm // ToDo!  
#define CPU_32 1  
#define CPU_ARM 1  
#define CPU_LE 1  
#define CPU_LITTLE_ENDIAN 1 // is it really?  
#define CPU_ALIGNED 1  
#else  
#error Unknown CPU architecture  
#endif
```

Dieter

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### File Attachments

1) [Error.txt](#), downloaded 392 times

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Subject: Re: Cross Compile to ARM via ToolChain

Posted by [d\\_th](#) on Sat, 23 May 2009 08:45:33 GMT

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Hi all,

why is nobody able to help me?  
i really need help with this problem.  
i couldn't find a hint in the documentation.

Dieter

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