

## can not fined PIC 30 .elf File

Posted by p.erasmus - 2008/03/03 09:57

Dear ERika and Users

I have installed the dsPIC SW and compile the Demo for the explorer board as per tutorial However I get the following build report and there is no .ELF file in the Debug folder after the Build

Please help

Thank you very much Peter Erasmus

```
:\Evidence\bin\mymake_cygwin.bat all
cygpath: cannot create short name of c:\Programmi\Microchip\MPLAB ASM30 Suite
Usage: cygpath (-d|-m|-u|-w|-t TYPE) ... NAME...
    cygpath
    cygpath
Convert Unix and Windows format paths, or output system path information
```

Output type options:

- d, --dos print DOS (short) form of NAMEs (C:\PROGRA~1\)
- m, --mixed like --windows, but with regular slashes (C:/WINNT)
- M, --mode report on mode of file (binmode or textmode)
- u, --unix (default) print Unix form of NAMEs (/cygdrive/c/winnt)
- w, --windows print Windows form of NAMEs (C:\WINNT)
- t, --type TYPE print TYPE form: 'dos', 'mixed', 'unix', or 'windows'

Path conversion options:

- a, --absolute output absolute path
- l, --long-name print Windows long form of NAMEs (with -w, -m only)
- p, --path NAME is a PATH list (i.e., '/bin:/usr/bin')
- s, --short-name print DOS (short) form of NAMEs (with -w, -m only)

System information:

- A, --allusers use `All Users' instead of current user for -D, -P
- D, --desktop output `Desktop' directory and exit
- H, --homeroot output `Profiles' directory (home root) and exit
- P, --smprograms output Start Menu `Programs' directory and exit
- S, --sysdir output system directory and exit
- W, --windir output `Windows' directory and exit

Try `cygpath --help' for more information.

```
cygpath: cannot create short name of c:\Programmi\Microchip\MPLAB C30
Usage: cygpath (-d|-m|-u|-w|-t TYPE) ... NAME...
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Convert Unix and Windows format paths, or output system path information
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Try `cygpath --help' for more information.

MAKE\_DIRECTORIES

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MAKE\_DIRECTORIES (after a clean)

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## Re:can not fined PIC 30 .elf File

Posted by paolo.gai - 2008/03/03 15:14

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Dear Peter,

The ELF file has not been produced because RT-Druid (and then the generated makefile) could not find your C30 compiler.

Please take a look at the Erika Enterprise Tutorial for dsPIC (R) DSC 30 family v. 1.1.9 , available for download at <http://www.evidence.eu.com/content/view/185/219/> .

In particular, step 4 at page 9 and Figure 4.4 tells you about the correct configuration of the compiler. Please put the correct directories used for the installation of the C30 compiler (the "Gcc path") and for the MPLAB IDE ASM30 compiler (The "ASM path").

I hope this helps...

Paolo

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## Re:can not fined PIC 30 .elf File

Posted by p.erasmus - 2008/03/03 15:59

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Dear Paolo

Thank you for the reply, I did download the Document before I started to use the software,  
The settings below are the settings in the PIC 30.  
the folders are in these locations I checked it as well .

C:\Programme\Microchip\MPLAB C30

C:\Programme\Microchip\MPLAB ASM30 Suite

I tried to rebuild the project with the following reportand no .ELF file.

I see when I post the information the Back slashes between the arguments are not shown

Thank you very much

Peter

Rebuild /myProject/conf.oil in the project myProject  
Compute configuration's files

WARNING > Not found any value for MASTER\_CPU. Using default value.

All files are up-to-date.

There are some Warnings.

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## Re:can not fined PIC 30 .elf File

Posted by paolo.gai - 2008/03/03 16:45

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Hi,

- please remove the "Debug" directory created in your project before rebuilding

- please check the directories are specified correctly, especially if you are using Windows Vista (see the notes at the

beginning of the document i cited in my previous post...

PJ

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## Re:can not fined PIC 30 .elf File

Posted by p.erasmus - 2008/03/03 18:41

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Dear PJ

thank you for the reply Yes I have seen the notes on vista and I am not using Vista it is XP on my machine ,I will remove the debug and try again  
Thank you very much.

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## Re:can not fined PIC 30 .elf File

Posted by p.erasmus - 2008/03/03 19:05

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Dear Paolo

I think I have it running now as I can see the pic30.elf file  
and the following report

Possibly you could check it through and varify that it is working correctly,I removed the old debug file and compiled again  
.Many Thanks.

C:\Evidence\bin\mymake\_cygwin.bat all

MAKE\_DIRECTORIES

CP p33FJ256GP710.h

GEN ee\_pic30regs.h

DEP eecfg.c

`-mcpu=' is deprecated. Use `-mtune=' or '-march=' instead.

eecfg.c:0: error: bad value (33FJ256GP710) for -mtune= switch

MAKE\_DIRECTORIES (after a clean)

CPP eecfg.c

CPP code.c

CP crt0.s

ASM crt0.s

LOC

CPP ee\_board.c

CP p33FJ256GP710.inc

GEN ee\_pic30regs.inc

PRE ee\_hal.S

ASM ee\_hal.S

CPP ee\_hal\_c.c

CPP ee\_alcancel.c

CPP ee\_altick.c

CPP ee\_alget.c

CPP ee\_alsetabs.c

CPP ee\_alsetrel.c

CPP ee\_irqsc.c

CPP ee\_rqexchg.c

CPP ee\_rqinsert.c

CPP ee\_schedule.c

CPP ee\_thact.c

CPP ee\_thendin.c

CPP ee\_mutex.c

AR libee.a

LD

OBJDUMP

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Compilation terminated successfully!

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## Re:can not fined PIC 30 .elf File

Posted by paolo.gai - 2008/03/04 09:04

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Yes! it's correct :-)

PJ

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