

Re: Problem about build Eboot in command line

Source:

<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.platbuilder/2006-12/msg01273.html>

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 - *Date:* Thu, 28 Dec 2006 22:09:07 +0100
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If for some reason you find the documentation wrong or incomplete, use "Send Feedback" link to provide your thoughts. It is there on every page in documentation.

You may want to check the following topic about the sources files:

<http://msdn2.microsoft.com/en-us/library/ms924470.aspx>

Kenneth wrote:

Thank you very much! It works now.

But I just follow the tutorial of Microsoft. It didn't mention the things of INCLUDE. Is it a bug of their tutorial?

"voidcoder TMS
"

It looks like you are missing some things in your SOURCES file. Is the \$(_WINCEROOT)\public\common\sdk\inc path added to your \$(INCLUDES) or \$(_OEMINCPATH) var?

```
INCLUDES=$(INCLUDES);$(_WINCEROOT)\public\common\sdk\inc
```

or

```
WINCEOEM=1  
_OEMINCPATH=$(OEMINCPATH);$(_WINCEROOT)\public\common\sdk\inc
```

Kenneth wrote:

Hello,

Re: Problem about build Eboot in command line

I'm building a Eboot in WinCE 6.0, following the tutorial of "How to Develop a Boot Loader". The first several steps are:

```
set _WINCEROOT=d:\wince500
cd %_WINCEROOT%\public\common\oak\misc
Wince.bat ARMV4I CEBASE ZhuangDe
sysgen
```

But when I come to the 6th step -- "Build your first boot loader executable (.exe) file." It print:

```
D:\WINCE600\PLATFORM\ZhuangDe\Src\Bootloader\Eboot>build
-c
Build for Windows CE (Release 601) (Built on Aug 17 2006
15:18:52)
File names: Build.log Build.wrn Build.err Build.dat
BUILD: [Thrd:Sequence:Type ] Message
BUILD: [00:000000000:PROGC ] Build started with
parameters: -c
BUILD: [00:000000001:PROGC ] Build started in
directory:
D:\WINCE600\PLATFORM\ZhuangDe\Src\Bootloader\Eboot
BUILD: [00:000000002:PROGC ] Checking for
d:\wince600\sdk\bin\i386\srccheck.exe.
BUILD: [00:000000003:PROGC ] Running passes
WCEFILES0, MIDL, MC, ASN,
THUNK, PRECOMPHEADER, COMPILE, LIB, LINK,
MANAGED
RESX, MANAGEDMOD, MANAGEDDLL,
MANAGEDEXE, MANAGEDWIN for ARM.
BUILD: [00:000000004:PROGC ] Ignoring build database
(-c specified).
BUILD: [00:000000005:PROGC ] Computing include file
dependencies:
BUILD: [00:000000006:PROGC ] Checking for SDK
include directory:
d:\wince600\sdk\CE\inc.
BUILD: [00:000000007:PROGC ] Scan
D:\WINCE600\PLATFORM\ZhuangDe\Src\Bootloader\Eboot\
BUILD: [00:000000008:PROGC ] Saving
D:\WINCE600\PLATFORM\ZhuangDe\Build.dat.
BUILD: [00:000000011:PROGC ] Building COMPILE
Pass in
D:\WINCE600\PLATFORM\ZhuangDe\Src\Bootloader\Eboot\
directory.
BUILD: [01:000000022:PROGC ] Assembling .\startup.s
BUILD: [01:000000027:ERRORE]
D:\WINCE600\PLATFORM\ZhuangDe\Src\Bootloader\Eboot\startup.s(3)
```

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```
: error
A0044: can't open
file: kxarm.h
BUILD: [01:0000000029:ERRORE]
D:\WINCE600\PLATFORM\ZhuangDe\Src\Bootloader\Eboot\startup.s(8)
: error
A0051: unknown opc
ode: STARTUPTEXT
BUILD: [01:0000000031:ERRORE]
D:\WINCE600\PLATFORM\ZhuangDe\Src\Bootloader\Eboot\startup.s(9)
: error
A0051: unknown opc
ode: LEAF_ENTRY
BUILD: [01:0000000033:ERRORE]
D:\WINCE600\PLATFORM\ZhuangDe\Src\Bootloader\Eboot\startup.s(10)
:
error A0064: code inside data section
BUILD: [00:0000000035:PROGC ] Files Warnings
Errors
BUILD: [00:0000000036:PROGC ] Midl 0 0
0
BUILD: [00:0000000037:PROGC ] Message 0 0
0
BUILD: [00:0000000038:PROGC ] Precomp Header 0 0
0
BUILD: [00:0000000039:PROGC ] Resource 0 0
0
BUILD: [00:0000000040:PROGC ] MASM 0 0
0
BUILD: [00:0000000041:PROGC ] SHASM 0 0
0
BUILD: [00:0000000042:PROGC ] ARMASM 1 0
4
BUILD: [00:0000000043:PROGC ] MIPSASM 0 0
0
BUILD: [00:0000000044:PROGC ] C++ 0 0
0
BUILD: [00:0000000045:PROGC ] C 0 0
0
BUILD: [00:0000000046:PROGC ] Static Libraries 0 0
0
BUILD: [00:0000000047:PROGC ] Exe's 0 0
0
BUILD: [00:0000000048:PROGC ] Dll's 0 0
0
BUILD: [00:0000000049:PROGC ] Preprocess deffile 0 0
0
BUILD: [00:0000000050:PROGC ] Resx 0 0
0
BUILD: [00:0000000051:PROGC ] CSharp Compile 0 0
```

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```
0
BUILD: [00:0000000052:PROGC ] Other 0 0
1
BUILD: [00:0000000053:PROGC ]
BUILD: [00:0000000054:PROGC ] Total 1 0
5
BUILD: [00:0000000055:PROGC ]
BUILD: [00:0000000056:PROGC ] 0 Warnings, 5 Errors
BUILD: [00:0000000057:PROGC ] GetSystemTimes
(seconds): Idle: 0
Kernel: 0 User: 0
BUILD: [00:0000000058:PROGC ] Elapsed time (seconds):
0
```

The errors are strange. No bootloader can be generated. I don't know why, could someone give me some help? Thanks in advance!