

Re: Breakpoint on Operative system

Source:

<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.platbuilder/2009-01/msg00365.html>

- *From:* "Luca Calligaris" <l.calligaris.nospam@xxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 22 Jan 2009 09:39:21 +0100
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You do not need to create the autoexec: you can copy it from
%_WINCEROOT%\PLATFORM\CEPC\SRC\BOOTLOADER\DOS\BOOTDISK; with the default
settings the device will try to download the image via ethernet after it has
obtained an IP address from a DHCP server. You can assign a static IP
address modifying autoexec.bat (instruction are provided in the file
itself). All the info you need to configure the device and download the
image are in the help <http://msdn.microsoft.com/en-us/library/bb905573.aspx>

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Now NK.bin is without error. Now I must create a autosex that send the
debug command for transfer the operative syste,m can you send me the
loadcepc command in autosex for connecting

Thanks

A debug OS image is significantly larger (2x typically) then the release
one: you have to modify the MEMORY section of your config.bib file to
handle a bigger RAMIMAGE section.
Maybe it's easier for you to enable the debugger in the release
configuration as explained in the first part of my previous post.

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I was already enabled thi soption, but after make run time
image I have
this erorr :

```
Error 1 @CESYSGEN IF without matching @CESYSGEN  
ENDIF  
C:\WINCE600\PLATFORM\GeodeLX\FILES\platform.reg  
550 1 WaferLX800  
Error 2 @XIPREGION IF without matching @XIPREGION  
ENDIF  
C:\WINCE600\PLATFORM\GeodeLX\FILES\platform.reg  
250 8 WaferLX800  
Error 3 @XIPREGION IF without matching @XIPREGION  
ENDIF  
C:\WINCE600\PLATFORM\GeodeLX\FILES\platform.reg  
102 9 WaferLX800  
Error 20 Error: Image is too large for current RAM and  
RAMIMAGE settings  
Error 21 Fatal error hit, exiting...  
Error 22 makeimg: FATAL ERROR: Command returned  
non-zero exit code 1  
(dec).
```

If you are building a 'release' OS you can
enable it via menu
Project -> <Your Project> Properties ->
Configuration Properties ->
Build Options -> Enable kernel debugger.
This can be a good choice if
you're debugging a specific (maybe yours?)
module since you can build a
debug version of the module itself only (look
for COMPILE_DEBUG in the
help); otherwise, if you want full symbolic
debugging information you
have to build a 'debug' version of your OS

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Re: Breakpoint on Operative system

How can I do it ?

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Have you
enabled the
kernel
debugger?

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How
can
I
insert
a
breakpoint
in
the
operative
system
WinCE
6.0
platform
builder
?
I
have
enabled
KITL
and
connect

Re: Breakpoint on Operative system

my
board
through
ethernet,
but
it
was
not
enough,
what
should
I
do?

Thanks

Stefano