

Re: Try add some drivers, one is OK but others fail

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Source:

<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.platbuilder/2006-10/msg00692.html>

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Are they dependent on each other in any way?

—

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"Kein" <Kein.Yuan@xxxxxxxx> wrote in message
news:1161224555.592982.37920@xx

Dear all,
I am working with PXA27x with WM5.0 and now want to add three
drivers into the BSP: LCM, MKP and PHI and following is my changes:

```
platform\bvdmain\drivers\DIRS:  
DIRS= \
```

```
...  
lcm \  
Mkp \  
Phi \  
...
```

```
platform\bvdmain\bvdmain.bat:  
...  
set BSP_NOLCM=  
set BSP_NOMKP=  
set BSP_NOPHI=  
...
```

```
bvdmain\files\Platform.reg:  
  
;  
; Register settings for LCM
```

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```
;  
IF BSP_NOLCM !  
[HKEY_LOCAL_MACHINE\Drivers\BuiltIn\LCM]  
"Prefix"="LCM"  
"Dll"="Lcm.Dll"  
"Order"=dword:0  
"Ioctl"=dword:4  
ENDIF BSP_NOLCM !  
  
;  
; Register settings for Mkp  
;  
IF BSP_NOMKP !  
[HKEY_LOCAL_MACHINE\Drivers\BuiltIn\MKP]  
"Prefix"="MKP"  
"Dll"="Mkp.Dll"  
"Order"=dword:0  
"Ioctl"=dword:5  
ENDIF BSP_NOMKP !  
  
;  
; Register settings for PHI;  
IF BSP_NOPHI !  
[HKEY_LOCAL_MACHINE\Drivers\BuiltIn\PHI]  
"Prefix"="PHI"  
"Dll"="Phi.Dll"  
"Order"=dword:0  
"Ioctl"=dword:6  
ENDIF BSP_NOPHI !  
  
bvdmain\files\PLATFORM.BIB:  
IF BSP_NOLCM !  
lcm.dll $( _FLATRELEASEDIR )\lcm.dll NK SH  
ENDIF  
  
IF BSP_NOMKP !  
mkp.dll $( _FLATRELEASEDIR )\mkp.dll NK SH  
ENDIF  
  
IF BSP_NOPHI !  
phi.dll $( _FLATRELEASEDIR )\phi.dll NK SH  
ENDIF
```

After build nk.bin and download to the platform, using remote file viewer I can see lcm.dll, mkp.dll and phi.dll was there. remote registry also show those entried for LCM, mkp and phi was there.

The strange is, using remote process viewer I can only find lcm.dll

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was loaded in device.exe, others like mkp.dll and phi.dll was not at all.

It should not be the source code problem since all code under bvdmain\driver\lcm, mkp and phi are all the same except those file names, SOURCES, TARGETNAME and function name prefix was changed to lcm, mkp and phi respectively.

Does anybody know why this will happen?

Thanks,

Kein