

Re: Reg. USB Driver while booting wince 5.0

Source:

<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.platbuilder/2008-02/msg00049.html>

- From: vinayagamenmsol@xxxxxxxxxx
 - Date: Mon, 4 Feb 2008 02:04:04 -0800 (PST)
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On Feb 3, 9:45 pm, "Anthony Pellerin"
<apellerin@xx> wrote:

You have a null stub display driver in your catalog. Add this component to your OsDesign an sysgen.

HTH

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<vinayagamenm...@xxxxxxxxxx> a écrit dans le message de news:
aaalfd91-e8da-4e1c-82c5-1be1dc517...@xx

Hi,

I have a evaluation board with s3c2440 CPU i wrote USB driver for it.

My USB driver is working in my evaluation board and i was able to connect activesync.

I have a same USB device in my target board i just changed config.bib only

But my USB driver is not working and i was not able to connect active sync.

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Further when i load OS built in debug mode i am getting the following message

I am getting the following debug messages.

```
2
DEBUG: CreateSerialObject 1
BSP Interrupt Enable IRQ
DEVICE!RegReadActivationValues RegQueryValueEx(Drivers\BuiltIn
\Serial2\BusPrefix) returned 2
DEBUG: CreateSerialObject 2
BSP Interrupt Enable IRQ
DEVICE!RegReadActivationValues
RegQueryValueEx(Drivers\BuiltIn\MSFlash
\BusPrefix) returned 2

DEVICE!RegReadActivationValues
RegQueryValueEx(Drivers\BuiltIn\OHCI
\BusPrefix) returned 2
HCD driver DLL attach
HCD!HCD_Init
OHCD: Read config from registry: Base Address: 0x49000000, Length:
0x1000, I/O Port: NO, SysIntr: 0x11, Interface Type: 0, Bus Number: 0
OHCD: ioPhysicalBase 0x49000000, IoSpace 0x0
OHCD: ioPortBase 0x230000, portBase 0x49000000
DMA buffer passed in from PDD
USB: DLL attach
+USB:HcdAttach, hcd: 0x399A0
-CDevice::Initialize, success!
+CHW::Initialize base=0x230000, intr=0x11
BSP Interrupt Enable IRQ
-CHW::Initialize, success!
+CPipe::Initialize
-CPipe::Initialize. Success!
+CHW::EnterOperationalState
-CHW::EnterOperationalState
-COhd::Initialize. Success!!
DEVICE!RegReadActivationValues RegQueryValueEx(Drivers\BuiltIn\IOD
\BusPrefix) returned 2
IOD: DLL_PROCESS_ATTACH
IOD : DLL_PROCESS_ATTACH
::: IOD_Init
DeviceFolder::LoadDevice!Enumerate Found deprecated load instructions
```

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at (Drivers\BuiltIn\AFD). Driver cannot be unloaded.
!AFD:AfdInitialize: Can't open Registry key Comm\AFD --- creating
'Stacks' entry

USB Device Init

```
[NOTIFY] HandleSystemEvent 7 /ADD NTP0:
[NOTIFY] SetUserNotification::Registering system watch: event 12 app \\.
\Notifications\NamedEvents\DSTTzChange args AppRunAfterTzChange
IRQ = 6, SYSINTR = 20
[NOTIFY] SetUserNotification (or replacing 00000000)
UsbFnMdd!UFN_Init: PDD has 5 endpoints
[NOTIFY] SetUserNotification::Registering system watch: event 1 app \\.
\Notifications\NamedEvents\DSTTimeChange args
AppRunAfterTimeChange
UsbFnMdd!UFN_Init: PDD supports speeds 0x1
[NOTIFY] RemoveAppRunAtTime::Starting Database Sweep...
UsbFnMdd!CUfnBus::CreateChild: Using client driver key "\Drivers\USB
\FunctionDrivers\Serial_Class"
[NOTIFY] SetUserNotification (or replacing 00000000)
[NOTIFY] HandleSystemEvent 7 /ADD UFN1:
DEVICE!RegReadActivationValues RegQueryValueEx(\Drivers\USB
\FunctionDrivers\Serial_Class\BusPrefix) returned 2
[NOTIFY] SetUserNotification::Setting event semaphore
UsbFnMdd!UfnMdd_RegisterDevice: Device registered
[NOTIFY] ProcessDatabase::started at local time 01/01/2003 12:00:03
UsbFnMdd!CPipe::Open: Opened pipe (0x0004efc0): physical address 0,
bus address 0x00
BSP Done IRQ
BSP Interrupt Enable IRQ
BSP Done IRQ
UsbFnMdd!UfnMdd_Start: Function controller running
UsbFnMdd!CUfnBus::ActivateChild: Activated client driver
"Serial_Class"
DEVICE!RegReadActivationValues RegQueryValueEx(Drivers\BuiltIn
\CS8900\BusPrefix) returned 2
NDIS:ndisAddPCMCIADevice INdisOpenDeviceKey failed
NDIS:: CE_AddBusFriendlyName() [successfully created] [HKLM\Comm
\BusFriendlyNames\BuiltInPhase1_0_17_0\CS8900]
NDIS: ERROR: CEDeviceInit() no BusNumber for [Comm
\BuiltInPhase1\CS8900\Parms]
DEVICE!LaunchDevice: Init() failed for device 0x00050ca0
DEVICE!I_ActivateDeviceEx: couldn't activate: prefix NDS, index 1, dll
ndis.dll, context 0x802e7dc
[NOTIFY] HandleSystemEvent 7 /ADD COM5:
TAPI:OldAddTapiDevice - This BSP is loading TSPs by old method!!!
Change registry settings to use new way!!!
FILESYS: SignalStarted loop = 2
FILESYS: Launching gwes.exe
Ceddk!CalibrateStallCounter: Enter
```

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```
Ceddk!CalibrateStallCounter: Stall counter loaded from registry(1000)
System Default HKL value set to 00000409
Grow Gdi handle table from 0 to 64
LogFontFromRegistry(SYSTEM\GDI\SysFnt), lfHeight = -12Unknown:
DEBUGCHK failed in file c:\macallan\private\winceos\coreos\gwe\mgdi
\base\driver.cpp at line 1363
*** COULD NOT LOAD DISPLAY DRIVER (ddi.dll)! ***
*** SYSTEM BOOT ABORTING! ***
Unknown: DEBUGCHK failed in file
c:\macallan\private\winceos\coreos\gwe
\mgdi\base\gdi.cpp at line 2075
Unknown: DEBUGCHK failed in file
c:\macallan\private\winceos\coreos\gwe
\mgdi\base\bmpbase.cpp at line 689
Data Abort: Thread=8dc85cdc Proc=8c05c400 'gwes.exe'
AKY=00000011 PC=000b73e4(gwes.exe+0x000a73e4)
RA=000a35f8(gwes.exe
+0x000935f8) BVA=0a000008 FSR=00000007
Main thread in proc 4dc85a1a faulted, Excpetion code = c0000005,
Exception Address = 000b73e4!
Main thread in proc 4dc85a1a faulted, WMGR not on line!
Main thread in proc 4dc85a1a faulted – cleaning up!
BSP Done IRQ
UsbFnMdd!CPipe::Open: Opened pipe (0x0004f038): physical address 1,
bus address 0x81
UsbFnMdd!UfnMdd_OpenPipe: Opened endpoint 0x81
UsbFnMdd!CPipe::Open: Opened pipe (0x0004f0b0): physical address 2,
bus address 0x02
UsbFnMdd!UfnMdd_OpenPipe: Opened endpoint 0x2
```

When i plug in USB cable i am getting the above message.
After that my USB is not recognized.

Is it because of display driver my USB is not working or anyother
reason.
If its because of display driver my system is aborting how can i
remove ddi.dll.

Suggest me to resolve my USB driver

Regards,
Vina– Hide quoted text –

Re: Reg. USB Driver while booting wince 5.0

– Show quoted text –

Hi,

Can you suggest me how to add "Null stub display driver" to OS design.

I added environment variable `BSP_NODISPLAY = 1`.

But still my Active sync is not connecting.

Regards,

Vinayagam.

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