

Re: How to support bluetooth radio (USB interface) in WinCE 5.0

Source:

<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.platbuilder/2006-08/msg00834.html>

- *From:* Aurelie <Aurelie@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 17 Aug 2006 09:32:02 -0700
-

Dear Paul,

thank you for your help on this topic. I finally managed to get my usb dongle recognized by my embedded device (I mean that I do not have the window asking for a device driver any more). But when I select "scan device" I have the error message : bluetooth controller not present (error 10050).

I can give you more details regarding my investigations.
1- Registry.

Before i plus the device, I have in
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Bluetooth\transport\pnp, the device driver Name : bthusb, flags 2147483648, driver bthusb.dll

Once the device is inserted, I have this key reallocated to :
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Bluetooth\HCI

I beleive this looks all right.

I also have debug message from platform builder, when I insert the device, I got :

```
4294817862 PID:4347dd02 TID:a32d430e [ERR]
4294817862 PID:4347dd02 TID:a32d430e HCIUSB : ReadPacket failed.
4294817887 PID:4347dd02 TID:23334b5e [ERR]
4294817887 PID:4347dd02 TID:23334b5e hci_connect_transport::
ERROR_OUTOFMEMORY (2)
```

and the message I got when the system is booting is :

```
4294775487 PID:4347a70a TID:23322932 [ERR]
4294775488 PID:4347a70a TID:23322932 [HCI] [USB] CheckDevice - device not
active
4294775488 PID:4347a70a TID:23322932 [ERR]
4294775488 PID:4347a70a TID:23322932 hci_connect_transport::
ERROR_MEDIA_UNAVAILABLE
```

(I guess this one is expected).

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I hope this can help

Best regards
Aur lie

"Paul G. Tobey [eMVP]" wrote:

I don't know what to tell you. The DLink adapter worked fine for me. There are numerous places where you can have problems if you didn't include the right components in the OS or didn't set them up correctly for your hardware, of course. We'll need debug output messages showing where the failure occurs to proceed any further, I think.

Paul T.

"Aurelie" <Aurelie@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:D712FD93-90AF-46CE-9D60-B111494D1A77@xxxxxxxxxxxxxxxxxxxx

Hello Paul,

yes I read your answer, the thing is that I have already tried with a Socket adapter, an iogear and an air cable adapter and none of them is accepted. I will tried the Dlink dongle but I am quite pessimistic...

I am working on a Bsp and platform builder workspace sent by a board manufacturer. It seems that the BSP was first shipped with ce4.2 that's why I beleive there may be a problem with the usb drivers... (Nevertheless, usb storage is ok, usb mouse and keyboard are working too...)

Best regards
Aurelie

"Paul G. Tobey [eMVP]" wrote:

I posted one in my last message. Did you read the thread?

Paul T.

"Aurelie" <Aurelie@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:F8E519F8-3C31-48E5-9499-69361546BDE0@xxxxxxxxxxxxxxxxxxxx

Hi,

Re: How to support bluetooth radio (USB interface) in WinCE 5.0

I am faced with exactly the same problem.
Did you find a solution or a
special USB to bluetooth dongle that works
?

Thanks in advance
Best regards

"fenix" a écrit :

Hi!
We built an WinCE 5.0 OS
to support bluetooth radio,
but it can not
work.
The WinCE OS can not
identify the USB interface
Bluetooth radio, and
it
asked
for the driver name of the
unidentified USB device.
We have already added all
the catalog items in
"Networking – Personal
Area
Network[PAN]" and in
"Personal Area Networking
[PAN] devices".
The bluetooth radio is USB
interface, and it is OK on
Windows XP. We
have
also tested another type of
bluetooth radio, but the
result is same.
By the way, there is
something different in
WinCE 4.2. We added
"Bluetooth
with integrated USB-Only
Driver" and "OHCI", the
Bluetooth is OK.
Any help would be
appreciated.
Thanks in advance.

Best regards

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