

Re: How to Interface to USB

Source:

<http://coding.derkeiler.com/Archive/Delphi/borland.public.delphi.thirdpartytools.general/2005-10/msg00829.html>

- *From:* "Mocacius" <Mocacius@xxxxxxx>
 - *Date:* Tue, 18 Oct 2005 07:01:03 -0400
-

"Robert Marquardt" <robert_marquardt@xxxxxx> wrote in message
[news:435470a2\\$1@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:435470a2$1@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

> Mocacius wrote:

>

>> I posted this in Activex.Writing and was told this might be a better
>> place for it, so here it goes...

>>

>> -----

>>

>> Using Delphi5. I'm writing an OCX to track a vehicle position from live
>> GPS

>> data. I was using a serial GPS and had no problems, I was reading the
>> data,

>> processing it, etc.. However, a client needs to use this with a GPS
>> connected through the USB port, and I don't know how to read the data
>> from

>> it. Is there any specific information, on how to get data from the USB
>> port? Are there any controls that I may need to get/license to let me
>> communicate with the USB? What can I do?

>>

>> I am really desperate, so any information, help, suggestions would be
>> great!

>

> There is no USB port at all. At least not on software level.

> You can only talk to specific devices. It is just like ethernet where you
> also would not dream of talking to the ethernet port.

>

> Many GPS receivers do have driver which installs a virtual COM port which
> works like a real one. Without more information about the device it is
> impossible to tell more. Please tell the precise name of the device.

> The device can have a custom driver which is only accessible through
> DeviceIoControl calls. Without documentation from the manufacturer there
> is no way to tell.

That's not what I wanted to hear (device-dependent) :(I was hoping that
there would be a way to interface to *any* USB GPS device the client would
decide to use, without knowing the specific device apriori. I also have

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seen that many devices instal/use a virtual com port, but again, I can't know that before hand, so..

In any case, all this input is greatly appreciated it. Even knowing that you can't do something is very useful.

Thanks,
M

• *Follow-Ups:*

◆ **Re: How to Interface to USB**

◇ *From:* John Herbster

◆ **Re: How to Interface to USB**

◇ *From:* John Herbster

• *References:*

◆ **How to Interface to USB**

◇ *From:* Mocacius

◆ **Re: How to Interface to USB**

◇ *From:* Robert Marquardt

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