

# Re: Communicate via the IrDA port between a PPC and an non\_Windows

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*Source:*

<http://www.tech-archive.net/Archive/PocketPC/microsoft.public.pocketpc.developer/2005-10/msg00355.html>

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- *From:* Franzl <[Franzl@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Franzl@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Fri, 14 Oct 2005 03:39:09 -0700
- 

The other device is a personal industrial device(with just a  $\mu$ P and peripherals).I have implemented a modem IrDA.

"Receive all incoming beams" is of course disabling on the PDA.

I'm sure the port Com is correct(with HKEY\_LOCAL\_MACHINE I have acces to the register base).

I choose IrComm (COM 3 on my PDA)) for a try to "dialog" with "sockets".

I choose IrDA(COM2) for a try to dialog "directly"(and here I have the error 55).Oh, by the way, I try to open the COM3 withouts sockets(like a serial port COM...) and I can do it, but I can't configure the port COM3 in thi case.I have no error message but it seems that the OS don't considere this port as physical ports(just for sockets?).

Fanzl.

Thank for your help.

"Peter Foot [MVP]" wrote:

- > What is the other device, are you sure it supports IrDA?
- >
- > With regards opening the port, have you tried disabling the "Receive all
- > incoming beams" setting in Settings > Connections > Beam. Also where did you
- > get the port number from, are you sure this is correct.
- >
- > Peter
- >
- > --
- > Peter Foot
- > Windows Embedded MVP
- > <http://www.inthehand.com> | <http://www.peterfoot.net>
- >
- > "Franzl" <[Franzl@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Franzl@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message
- > [news:85450A19-F368-4F2B-BC41-FE6EBF10BFAD@xxxxxxxxxxxxxxxxxxx](mailto:news:85450A19-F368-4F2B-BC41-FE6EBF10BFAD@xxxxxxxxxxxxxxxxxxx)
- >> I have in my own a HP iPAQ rz1710 and I want to communicate via irda with an
- >> industrial application(who has no OS...).
- >> I have selectionned the IrComm port but I encountered two problems:
- >> 1.I Can't have physically acces to the IRDA port(When I try to open it I
- >> have an error message 55:ERROR\_DEV\_NOT\_EXIST).Is this normal(I think
- >> yes...)

Re: Communicate via the IrDA port between a PPC and an non\_Windows

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>> and is there a solution to have physically access to the port?
>> 2.I tried to open the Ircomm port using Winsock.But when I use the
>> getsockopt function, the value returned in pDevList->numDevice = 0.How is
>> this possible?Is there any IrDA device on my PDA???.
>> Here is the code that I use for:
>>
>> // search for the peer device
>> pDevList->numDevice = 0;
>> if (getsockopt(NewSock, SOL_IRLMP, IRLMP_ENUMDEVICES, (CHAR *) pDevList,
>> &DevListLen)
>> == SOCKET_ERROR)
>> {
>> WSAGetLastError();
>> }
>>
>> if (pDevList->numDevice == 0)
>> {
>> // no devices found, tell the user
>> }
>> Thanks for your answers.
>
>
>
.
```

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• **Follow-Ups:**

- ◆ **[Re: Communicate via the IrDA port between a PPC and an non Windows](#)**  
◇ From: Robert Burdick [eMVP]

• **References:**

- ◆ **[Re: Communicate via the IrDA port between a PPC and an non Windows dev](#)**  
◇ From: Peter Foot [MVP]

- Prev by Date: **[Re: Communicate via the IrDA port between a PPC and an non Windows dev](#)**
- Next by Date: **[Deploy difficult than coding.. Help please!](#)**
- Previous by thread: **[Re: Communicate via the IrDA port between a PPC and an non Windows dev](#)**
- Next by thread: **[Re: Communicate via the IrDA port between a PPC and an non Windows](#)**
- Index(es):
  - ◆ **[Date](#)**
  - ◆ **[Thread](#)**