

Re: Transfer File from PDA to Win CE through USB

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.compactframework/2005-10/msg001>

- *From:* "Paul G. Tobey [eMVP]" <ptobey no spam AT no instrument no spam DOT com>
 - *Date:* Fri, 7 Oct 2005 08:48:53 -0700
-

It's *theoretically* possible, but you'd have to build the entire superstructure to allow it. No, you can't just run an HTTP server and magically or automatically you can access it over USB. If you don't have virtual serial connections over USB already, forget about doing things this way or resign yourself to many months of effort.

Paul T.

"Chandra Murali" <ChandraMurali@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:30C9484C-8F5B-4470-8201-C4351BECF227@xxxxxxxxxxxxxxxxxxxx>

> Hi Paul,

> The only communication available between CE device and PDA is USB connection. Through USB cable how can I transfer the file. Is it possible

> to

> write HTTP or FTP server using this USB connection.

>

> "Paul G. Tobey [eMVP]" wrote:

>

>> Sure. FTP, HTTP, etc. are both client/server protocols and can transfer files. They both use TCP. The easiest thing would be to have an HTTP or FTP server on one or the other of the devices and just write your program to

>> use one of those protocols, which are well-wrapped, either in .NET CF itself

>> or OpenNETCF SDF. That saves you from writing two programs. If you don't

>> know who is going to contact who to make the transfer, then maybe you will

>> have to write both ends, but a file is just a sequence of bytes and a socket

>> is just a pipe into which you can pour bytes or pull bytes, so it's not magic.

>>

>> Now, if you're actually asking, "Can I write a socket program that actually

>> communicates over USB to transfer the files?", then I'd say no, forget about

>> that. The process of building a WinSock-compatible socket structure over

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>> USB is too much of a pain; you'd be better off using the virtual serial
>> port
>> scheme.
>>
>> Paul T.
>>
>> "Chandra Murali" <ChandraMurali@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in
>> message
>> news:54A72EC4-458F-4166-8141-DD9211EC9FBC@xxxxxxxxxxxxxxxxxxxx
>> > Hi Paul,
>> > Is it possible to write a TCP/IP Client Server application in
>> > windows
>> > CE
>> > device and PDA device to transfer file from PDA to Windows CE Device?.
>> >
>> >
>> > "Paul G. Tobey [eMVP]" wrote:
>> >
>> >> Most USB-equipped devices create a virtual serial port as one method
>> >> of
>> >> communication off of the device. You'd have to consult the
>> >> documentation
>> >> for your device to find out if that's the case and, if so, what COM
>> >> port
>> >> name is used for that virtual port.
>> >>
>> >> Paul T.
>> >>
>> >> "tdj" <tdjspam@xxxxxxxxxx> wrote in message
>> >> [news:43442477\\$0\\$11063\\$e4fe514c@xxxxxxxxxxxxxxxxxxxx](mailto:news:43442477$0$11063$e4fe514c@xxxxxxxxxxxxxxxxxxxx)
>> >> > Do you have any practical suggestion for the "serial port emulation"
>> >> > ?
>> >> >
>> >> > I would like to communicate (between the PocketPC and the PC) through
>> >> > a
>> >> > USB
>> >> > connection using it like a serial connection, is that possible? My
>> >> > application already works fine with real serial communication, but
>> >> > customers start complaining they could not find a PocketPC with a
>> >> > serial
>> >> > port anymore (I think there are enough, but that's another
>> >> > discussion
>> >> > <g>
>> >> >
>> >> > regards,
>> >> >
>> >> > Tony
>> >> >
>> >> > "Paul G. Tobey [eMVP]" <ptobey no spam AT no instrument no spam DOT
>> >> > com>
>> >> > schreef in bericht news:OtvnYEdyFHA.2960@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

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◇ *From:* Paul G. Tobey [eMVP]

◆ ***Re: Transfer File from PDA to Win CE through USB***

◇ *From:* Chandra Murali

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