

microsoft.public.windowsce.embedded: RE: Problem in SIR IrDA driver in Windows CE 4.2.

RE: Problem in SIR IrDA driver in Windows CE 4.2.

Source:

<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.embedded/2004-08/0300.html>

From: David Kanz (*davidka_at_online.microsoft.com*)

Date: 08/23/04

Date: Mon, 23 Aug 2004 18:27:24 GMT

1. You should review the sample Irda NDIS miniport driver Irsir in public\common\oak\drivers\irmac\irsir. It uses the Win32 serial API functions to access the underlying serial port. The only hardware specific bit of code in it is the part that changes the baud rate. Esi.c has functions specific to the Extended Systems Irda dongle. You could replace those with functions for setting the baud rate of your device, if your Irda dongle is external. If your Irda dongle is not external, then SetCommState is enough to change the baud rate and you don't need to worry about changing any code; you can probably use Irsir as is.

2. A dongle is an Irda transceiver. Irsir is written such that it can control an external Irda dongle attached to the 9-pin serial port or use an internal dongle. An internal Irda dongle is integrated into the hardware. It sounds like you have an internal dongle.

3. see above.

David Kanz [MS]

| From: "mahamala" <ravindran@nospam.bellsofttech.com>
| Newsgroups: microsoft.public.windowsce.embedded
| Subject: Problem in SIR IrDA driver in Windows CE 4.2.
| Date: Mon, 23 Aug 2004 08:51:46 -0400
| Organization: www.talkaboutsoftware.com
| Message-ID:
<5c245df6b474980ee47b147369d85d76@localhost.talkaboutsoftware.com>
| X-Newsreader: www.talkaboutsoftware.com
| Content-Type: text/plain;
| X-Complaints-To: abuse@supernews.com
| Lines: 25
| Path:
cpmsftngxa10.phx.gbl!TK2MSFTNGXA01.phx.gbl!TK2MSFTNGP08.phx.gbl!newsfeed00.s
ul.t-online.de!t-online.de!news-spur1.maxwell.syr.edu!news.maxwell.syr.edu!
n-xit-03!sn-xit-06!sn-post-02!sn-post-01!supernews.com!corp.supernews.com!no
t-for-mail
| Xref: cpmsftngxa10.phx.gbl microsoft.public.windowsce.embedded:23480

RE: Problem in SIR IrDA driver in Windows CE 4.2.

microsoft.public.windowsce.embedded: RE: Problem in SIR IrDA driver in Windows CE 4.2.

| X-Tomcat-NG: microsoft.public.windowsce.embedded

| Hi,

| We are developing IRDA driver. Actually in our board WINBOND W83977F
| is controlling I/O device and IrDA sensor part number is HSDL-3610. Since
| this is supporting SIR, we are trying to develop SIR driver for this. In
| that i have following doubts,

| 1. For SIR, there no need to access any of the hardware registers (like
| SELBANKEN set0) in the W83977 ? basically all the sampe code we had seen ,
| no where we had seen the codes related to hardware specific or hardware
| specific registers.

| 2. What is the meaning of dongle?

| 3. What is the difference between Internal IR or External dongle.

| Can help me out in this issues ?

| Waiting for your reply,

| Thanks in Advance,

| R.Ravindran