

Re: NDIS Miniport Serial Driver

Source:

<http://www.tech-archive.net/Archive/Development/microsoft.public.development.device.drivers/2005-03/0615.html>

From: Maxim S. Shatskih (*maxim_at_storagecraft.com*)

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Nothing prevents you from running RAS server on both ends. If the RAS client will try to dial – it will suspend the server's activity on its machine for the time of the call.

So, run 2 RAS servers, and have the dialing RAS client on either end.

PPP is how TCP/IP is runned over serial. In Windows, PPP is RAS.

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Maxim Shatskih, Windows DDK MVP

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<g18c@hotmail.com> wrote in message

news:1110729025.969128.74410@o13g2000cwo.googlegroups.com...

> Hi, i currently have two modems attached on serial ports which i would

> like to run TCP/IP over when a link is established.

>

> Although i can get one machine to accept a connection and one to dial

> in, i ideally want a bi-directional link... that is either side can

> initiate a connection. From my exeperiments once a port is listening

> for incoming calls an outgoing connection cannot be made. This is

> purely with the available services on our XP machines.

>

> I have played about with the windows DDK and have seen the virtual

> serial port driver which emulates the responses of a Hayes AT modem.

>

> One of my thoughts is to have the modem appear as a network device

> under the network and dialup connections folder. When an incoming call

> is accepted the network device would be available, and appear

> disconnected at all other times. I would control the logical link

> (dialing and link detection) in the driver layer.

>

> >From my short searches on newsgroups it seems this question is similair

> to other peoples. Even if the bidirectional dial in / dial out can be

> done by other means, i am still interested in creating a network device

> which controls a device on the serial port for our propriatory radio

> modems.

>

> Many thanks for your time,

>

> Chris

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