

<http://groups.google.com/d/topic/comp.dcom.modems/aqsNKN8gGeA/discussion>

comp.dcom.modems >

Telebit registers

3 posts by 3 authors

rb duc

8/17/90

Does anyone know how to access Telebit registers S70, S71, S72, S73, S74, S75, S76, S77, S78 - or seen a program to read these during a connection? Most are read only and show Equivalent Line Noise Profile (S76), Line Quality (S78), Instantaneous Receive Rate (S72), Instantaneous Transmit Rate (S70), etc. Is Pro Yam capable of doing this ?

rbd

```
--  
\\\  
- - Richard Ducoty          ..uunet!grumbly!root  
_ ] Capitola, California    ro...@grumbly.com
```

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Colin Plumb

8/20/90

In article <147@grumbly.UUCP> ro...@grumbly.com writes:  
> Does anyone know how to access Telebit registers S70, S71, S72, S73, S74,  
> S75, S76, S77, S78 - or seen a program to read these during a connection?

While the connection is set up, just do:  
<pause>+++<pause> (or whatever your escape sequence is)  
OK  
ats70?s71?s72?...  
(register dump goes here)  
OK  
ato (return to connection)  
CONNECT FAST/UUCP (or whatever)

You can also use the secondary port, I think... some extra pins on the RS232 port are used to make a second serial port that can be used for an out-of-band control channel. I've never tried it myself, but the first technique I described, I can vouch for.

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-Colin

Wolfgang S. Rupperecht

8/20/90

In article <559@array.UUCP> colin@array.UUCP (Colin Plumb) writes:  
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>You can also use the secondary port, I think... some extra pins on the  
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>an out-of-band control channel. I've never tried it myself, but the  
>first technique I described, I can vouch for.

Well, I have used the port on the secondary rs-232 channel. It works.  
Two caveats though:

- 1) the secondary port only runs at 9600 baud (even though the primary channel was set to 19200)
- 2) the port gets all confused if you dial the connection on the primary channel and then talk to it on the secondary. Simply use the secondary channel for dialing and all is well.

compatible pinout to the Telebit dual A/B port. A straight 25-pin cable works great. Just fire up two tip's one connecting to port A the other to port B.

Sending the output of the Telebit registers to xgraph is a blast! You can see the bathtub shaped noise curves, etc.

While at it, its also fun to graph a scatter plot of /usr/lib/uucp/SYSLOG. Anyone else tried that? Can anyone explain the curve(s)?

-wolfgang

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