8n1

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COLLABORATORS

	TITLE : 8n1		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY	L.Lucius	August 24, 2022	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

8n1

1.1 8n1.device ~© by L.Lucius

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                              8n1.device - By L.Lucius

         A replacement for the standard serial.device
                and based on v34serial.device.




            ~Distribution~~
                 What you can do with this

            ~Disclaimer~~~~
                 Blah Blah Blah

            ~Background~~~~
                 Why I decided to take on this task

            ~Installation~~
                 Just follow these simple instructions

            ~Compatibility~
                 Differences between 8n1.device & serial.device

            ~Thanks        ~
                 For the bug reports and suggestions

            ~Feedback/Bugs~
                 All reports good or bad are needed
     ~Change~Log~~~~    A list of all changes made to 8n1.device
```

1.2 Distribution

You may use or misuse this program in any way you like.

1.3   Disclaimer

I will not be held responsible for ANY loss incurred by this program.

1.4   Background

When "v34serial.device" showed up on Aminet, I was excited, because all I
ever used was 8N1 and RTS/CTS. That was it. I didn't need parity or XON/XOFF
or breaks and thought that if the device didn't have to worry about all that
then it would be faster.

Well, I used it for awhile, but every now and then it would cause GURUs, so I
went back to "artser.device" and forgot about it.

Until a little while ago, when I found out that I would be getting a SLIP
connection to the net.

I wanted something faster than "artser.device" and with less overhead. So I
went to debugging "v34serial.device" and wound up rewriting the whole thing.

The end result is a minimal serial device replacement that tries to keep
system overhead at a reasonable level.

1.5   Installation

Simply copy "8n1.device" to the DEVS: directory and tell your communications
software the new name.

If your communications software in unable to accept the name of the serial
device to use, get the file on Aminet called SerPat20.lha in the hard/drivr
directory. It will give you this capability.

1.6   Compatibility

"8n1.device" should be compatible with the "serial.device" as long as the
following options are the only ones used: B-)

8 data bits
no parity
1 stop bit
RTS/CTS handshaking or NO handshaking
EOFMODE

It also support sending breaks, but not receiving them.

If you need something else, let me know and I'll see what I can do.

1.7   Thanks for the bug reports and suggestions

Thanks to the following people for their testing and patience:

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    William Crawford IV      Ronald van Eijck        Mans Engman
    Paul Harrison            Harold H. Ipolyi        Alpay Kasal
    George Kourkoutas        John Millington         Greg Olstad
    Ernest Otte              Koen Peetermans         Michal L. Rybarski
    Orlando Santiago         Dwight Zenzano
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1.8   Feedback/Bugs

I have included the source in hopes that some other programmers can make
suggestions. It's always better to have more than 1 eye (literally B^) looking at
the code.

If you have problems or feedback I would be very glad to hear about it:

Email me at: llucius@millcomm.com