NAME
ascii-xfr – upload/download files using the ASCII protocol

SYNOPSIS
ascii-xfr -s|-r [–**ednv**] [–**l** *linedelay*] [–**c** *characterdelay*] *filename*

DESCRIPTION
Ascii-xfr Transfers files in ASCII mode. This means no flow control, no checksumming and no file-name negotiation. It should *only* be used if the remote system doesn't understand anything else.

The ASCII protocol transfers files line-by-line. The EOL (End-Of-Line) character is transmitted as CRLF. When receiving, the CR character is stripped from the incoming file. The Control-Z (ASCII 26) character signals End-Of-File, if option -e is specified (unless you change it to Cotrol-D (ASCII 4) with -d).

Ascii-xfr reads from *stdin* when receiving, and sends data on *stdout* when sending. Some form of input or output redirection to the the modem device is thus needed when downloading or uploading, respectively.

OPTIONS
–s   Send a file.

–r   Receive a file. One of **-s** or **-r** *must* be present.

–e   Send the End-Of-File character (Control-Z, ASCII 26 by default) when uploading has finished.

–d   Use the Control-D (ASCII 4) as End-Of-File character.

–n   Do not translate CR to CRLF and vice versa.

–v   Verbose: show tranfer statistics on the stderr output.

–l *milliseconds*
When transmitting, pause for this delay after each line.

–c *milliseconds*
When transmitting, pause for this delay after each character.

file   Name of the file to send or receive. When receiving, any existing file by this name will be truncated.

USAGE WITH MINICOM
If you want to call this program from **minicom(1)**, start minicom and go to the **O**ptions menu. Select *File transfer protocols*. Add the following lines, for example as protocols **I** and **J**.

I Ascii   /usr/bin/ascii-xfr -sv Y U N Y
J Ascii   /usr/bin/ascii-xfr -rv Y D N Y

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SEE ALSO
minicom(1)