

KERMIT is a family of programs that do reliable file transfer between computers over TTY lines. KERMIT can also be used to make the IBM PC behave as a terminal for a mainframe. These are the commands for the 8086/8088 DOS version, KERMIT-86:

BYE	When talking to a remote Kermit Server, this command shuts down the server and logs it out. It then exits from Kermit-86 to DOS.
CONNECT	To make a "virtual terminal" connection to a remote system. To break the connection and "escape" back to the PC, type the escape sequence (CTRL-] C, that is Control rightbracket followed immediately by the letter C.)
EXIT	To return back to DOS.
FINISH	When talking to a remote Kermit Server, this command shuts down the server but does not log you out on the remote host.
HELP	To get a list of KERMIT commands.
LOGOUT	When talking to a remote Kermit Server, this command shuts down the server and logs it out. This command is similar to BYE, but leaves you at the Kermit-86 command level.
RECEIVE	To accept a file from the remote system.
SEND	To send a file or group of files to the remote system.
SET	To establish system-dependent parameters. The SET options are as follows:
BACKARROW	BACKSPACE/DELETE. Determines which value Kermit will send to the host when a back-arrow is typed. Default is DELETE.
BAUD	To set terminal speed to 300, 1200, 1800, 2400, 4800 (default) and 9600.
BELL	To ring bell after transfer has completed or has failed (default is ON).
DEBUG	To set debug mode ON or OFF (default is OFF).
END-OF-LINE	To change the character used at the end of packets to something other than the default of CR. It must be a digit between 0 and 31.
ESCAPE	To change the escape sequence that lets you return to the PC Kermit from the remote host. The default is CTRL-] c.
FILE-WARNING	ON/OFF, default is ON. If ON, Kermit will warn you and rename an incoming file so as not to write over a file that currently exists with the same name.
H19-EMULATION	Determines whether Kermit should emulate an H19 or have to PC run in "native" mode. The options are ON (default) and OFF.
IBM	ON/OFF, default is OFF. This flag should be ON only when transferring files between the PC and an IBM VM/CMS system. It also causes the parity to be set appropriately and activates local echoing.
INCOMPLETE	DISCARD/KEEP. If a file transfer terminates unexpectedly when receiving a file, should Kermit keep what managed to get across or discard it (default is to discard).

LOCAL-ECHO	ON/OFF, default is OFF. This sets the duplex. It should be ON when using the IBM and OFF for the DEC-20.
PARITY	EVEN, ODD, MARK, SPACE, or NONE. NONE is the default but if the IBM flag is set, parity is set to MARK. This flag selects the parity for outgoing and incoming characters during CONNECT and file transfer to match the requirements of the host.
PORT	1/2, default is 1. Determines whether Kermit should use communications port 1 or 2.
STATUS	To see the values of parameters that can be modified via the SET command.

(Installation notes:)

KERMIT-86 runs on the IBM PC or XT under PC DOS 1.1 or 2.0; The same program is known to run on "IBM-PC-Compatible" systems like the Compaq portable, and there is a separate version of KERMIT-86 for the Heath/Zenith Z100.

PCKERMIT.ASM is the IBM Macro Assembler source file, which can be assembled on the IBM PC or Z100. PCKERMIT.FIX is a printable encoding of the executable program, which can be downloaded to the PC using PCKSEND and PCKGET.