THE KERMIT COMMUNICATION SOFTWARE CATALOG

Kermit is the low-cost, high-quality alternative to expensive commercial communication software. Kermit software incorporates Columbia University's error-correcting Kermit protocol for transferring text and binary files between computers of all sizes. It is well documented and in wide use; it is available for about 400 different computers and operating systems, written in a wide variety of programming languages. Source code is available for all versions.

Kermit software works over direct or dialed serial connections, and in many cases also over local and wide area networks. For file transfer to take place, a Kermit program runs on *each* end of the connection, one on each computer. The most popular Kermit software programs are described below. The complete collection is listed on pages 2–3.

MS-DOS Kermit

MS-DOS Kermit 3.12 runs on the entire **IBM PC** and **PS/2** families and compatibles under **MS-DOS** versions 2.0 through 5.0. It is compatible with Microsoft **Windows** as well as other PC operating environments such as Quarterdeck DesqView and IBM OS/2. MS-DOS Kermit is packaged on diskette with the second edition of the book *Using MS-DOS Kermit* by Christine M. Gianone, Digital Press (1992). Useful utilities (printer drivers, key mapping files, Cyrillic code page and key maps), are available on a separate diskette.

MS-DOS Kermit's terminal emulations include DEC VT320 and VT220 (international models), VT102, VT100, VT52, and Heath/Zenith-19, plus Tektronix 4014 and Sixel graphics. Terminal emulation features include screen rollback, capture, copy, and print; key mapping and macros; color text and graphics; printer control; support for different screen sizes. File transfer features include long packets, sliding windows, and international character-set conversion for Western European languages, Cyrillic, and Japanese. Automation features include command macros, command files, and a powerful, easy-to-use script programming language.

Serial connections are supported for COM1–COM4 at speeds up to at least 57,600 bps; RTS/CTS hardware flow control is available for use with high-speed modems. Automatic modem dialing scripts are available for Hayes, Telebit, and other modems, and there is an easy-to-use dialing directory. Network support includes TCP/IP (built-in), AT&T StarLAN / StarGROUP, DEC PATHWORKS, IBM NETBIOS, IBM LANACS, Novell NASI/NACS, Novell LWP TELAPI, 3COM BAPI, Intel OpenNET, Ungermann Bass Net/One, Interconnections TES, as well as BIOS Interrupt 14 support for externally-established network connections. TCP/IP connections require a packet driver (Ethernet or SLIP class) or an ODI driver, and can coexist with Novell IPX connections. Packet-driver support works with both DOS and Windows; ODI support works only with DOS.

C-Kermit

C-Kermit 5A is the Kermit software for **UNIX**, **VAX/VMS**, **OpenVMS VAX** and **AXP**, **IBM OS/2**, Data General **AOS/VS**, Microware **OS-9**, the Commodore **Amiga**, and the **Atari ST**. It supports advanced Kermit file transfer capabilities including sliding windows and long packets; terminal connection (the OS/2 version also includes built-in VT102 emulation); international character-set conversion for both file transfer and terminal connection; and communications features such as key mapping and keystroke macros, automatic dialing, a dialing directory, TCP/IP and other network support in the UNIX, VMS, and AOS/VS versions, and a powerful script programming language. C-Kermit software comes with the book *Using C-Kermit* by Frank da Cruz and Christine M. Gianone, Digital Press (1993), a step-by-step introduction and a comprehensive reference.

IBM Mainframe Kermit

IBM mainframe Kermit Version 4.2 for **VM/CMS**, **MVS/TSO**, **CICS**, and **MUSIC** supports advanced Kermit protocol features including long packets and international character sets, and it works with a wide variety of communication processors in linemode and protocol converters in fullscreen mode. The program is distributed in IBM 370 assembly language source-code form with complete online instructions for building and using.

The Kermit Protocol Specification

The Kermit protocol specification, complete with C-language programming examples, is given in the book *Kermit, A File Transfer Protocol* by Frank da Cruz, Digital Press (1987), which also includes an overview of what Kermit is for and how it works, with tutorials in computer file systems and data communications.

KERMIT VERSIONS: Listed by Machine and Operating System

Prefix, Tape		Machine	Operating System	Program Language	Program Version	Released yy/mm/dd
CK	F	(various)	4.1-3 BSD	C	5A188	92/11/23
CK	F	(various)	4.4 BSD/A	C	5A188	92/11/23
CK	F	(various)	POSIX	C	5A188	92/11/23
CK	F	(various)	QNX 4.1	C	5A188	92/11/23
CK	F	(various)	UNIX SIII	C	5A188	92/11/23
CK	F	(various)	UNIX SVR2	C	5A188	92/11/23
CK	F	(various)	UNIX SVR3	C	5A188	92/11/23
CK	F	(various)	UNIX SVR4	C	5A188	92/11/23
TRI	C	(various)	TRIPOS	BCPL	-	87/07/10
TD	C	(various)	TurboDOS	ASM	-	92/10/29
FLX	C	(various 6809)	Flex 9	6809 Asm	-	86/04/17
UF	C	(various 6809)	UniFLEX	C	1.4	89/02/02
OS9	C	(various 6809)	OS-9	C	1.5	85/09/20
CK	F	(various 68000)	OS-9	C	5A188	92/11/23
OS9	C	(various 68000)	OS-9	C	1.5	85/09/20
CP	A	(various 808x)	CPM80 2.2	LASM	4.11	91/04/23
CP	A	(various 808x)	CPM80 3.0	LASM	4.11	91/04/23
MS	A	(various 80x86)	MS-DOS	MASM	3.12	92/09/30
CP	A	Access Matrix	CPM80 2.2	LASM	4.11	91/04/23
BBC	C	Acorn BBC B	OS1.20	6502 Assem.	1.45	87/05/19
BBC	C	Acorn BBC B+,128	OS 2	6502 Assem.	1.45	87/05/19
CP	A	Acorn BBC	CPM80 2.2	LASM	4.11	91/04/23
BBC	C	Acorn Compact	OS 3	6502 Assem.	1.45	87/05/19
BBC	C	Acorn Compact	Panos	C	4C 57	87/07/14
BBC	C	Acorn Master 128	OS 3	6502 Assem.	1.45	87/05/19
AC	C	AcornWorkstation	PANOS	C	-	87/07/13
MS	A	ACT Apricot	MS-DOS	MASM	2.30	88/05/12
CP	A	Action Discovery	CPM80 2.2	LASM	4.11	91/04/23
AM	C	Alpha Micro 68K	AMOSL 1.2	AM68K Asm	1.0	85/02/11
CK	F	Altos ACS68000	UNIX III,V	C	5A188	92/11/23
CK	F	Amdahl Mainframe	UTSV, SVR2	C	5A188	92/11/23
CP	A	Amstrad	CPM80 2.2	LASM	4.11	91/04/23
APO	C	Apollo	Aegis	Pascal	2.9	89/05/07
CK	F	Apollo/HP	SR10.0	C	5A188	92/11/23
CP	A	Apple II	CPM80 2.2	LASM	4.11	91/04/23
APP	A	Apple II	DOS,ProDOS	CROSS	3.87	90/12/05
UCA	C	Apple II	UCSD p-Sys	UCSD Pascal	1.0	86/04/08
CK	F	Apple Macintosh	AU/X	C	5A188	92/11/23
CK	F	Apple Macintosh	Mac OS	MPW C	0.940	88/05/26
CN8	C	Argos Pro PC	CCPM86	ASM86	2.9	86/04/10
CK	F	AT&T 3B Series	UNIX SVR3	C	5A188	92/11/23
CK	F	AT&T 6300 PLUS	UNIX SVR3	C	5A188	92/11/23
CK	F	AT&T 6386 WGS	UNIX SVR3	C	5A188	92/11/23
CK	F	AT&T 7300 UNIXPC	UNIX Sys V	C	5A188	92/11/23
ATA	C	Atari Home Comp.	DOS	Action!	-	84/01/09
UCP	C	Atari MEGA ST2	UCSD p-Sys	Pascal	1.1	90/08/05
CK	F	Atari ST	GEMDOS	C	5A188	92/11/23
CK	F	Atari ST	MINIX ST	C	5A188	92/11/23
CP	A	BigBoard II	CPM80 2.2	LASM	4.11	91/04/23
B78	D	Burroughs A-Ser.	MCS/AS	Algol	1.019	86/09/11
CT	C	Burroughs B20	BTOS	C	2.00	93/01/20
B68	D	Burroughs B6800	CANDE	Algol	-	85/02/15
B78	D	Burroughs B7800	Burroughs	Algol	1.019	86/09/11
B79	D	Burroughs B7900	Burroughs	Algol	5.2	85/11/27
CD3	D	CDC Cyber	NOS	Fortran 5	3.4	88/05/10
CYB	D	CDC Cyber	NOS 2.2	Compass	1.0	86/04/17
NOS	D	CDC Cyber	NOS 2.4	Compass	1.30	87/05/19
CDC	D	CDC Cyber 170	NOS,NOS/BE	Fortran-77	2.2	84/09/07
CK	F	CDC Cyber 910	IRIX	C	5A188	92/11/23
CK	F	Charles River	UNOS	C	5A188	92/11/23
CIE	C	CIE 680/XX	REGULUS	C	-	87/01/26
CP	A	Cifer 1886	CPM80 2.2	LASM	4.11	91/04/23
CP	A	Cifer 1886	CPM80 3.0	LASM	4.11	91/04/23
CP	A	Comart Communica	CPM80 2.2	LASM	4.11	91/04/23
C64	C	Commodore 64	FORTH	FORTH	1.5	85/02/08
C64	C	Commodore 64/128	DOS	CROSS	2.27	92/09/30
CK	F	Commodore Amiga	3000UX	C	5A188	92/11/23
CK	F	Commodore Amiga	Intuition	C	5A188	92/11/23
CK	F	Commodore Amiga	UNIX SVR4	C	5A188	92/11/23
CP	A	Compupro IF 3/4	CPM80 2.2	LASM	4.11	91/04/23
CVK	D	Computervision	CGOS	Fortran S	1.21	87/03/04
PER	D	Concurrent 3200	OS/32 MT72	Fortran	1.0	87/03/04
CK	F	Concurrent 3200	Xelos SV	C	5A188	92/11/23
CK	F	Concurrent 6xxx	RTU 4,5,6	C	5A188	92/11/23
CK	F	Convergent	CTIX	C	5A188	92/11/23
CT	C	Convergent NGEN	CTOS	C	2.00	93/01/20
CK	F	Convex	ConvexOS	C	5A188	92/11/23
CP	A	CPT-85xx	CPM80 2.2	LASM	4.11	91/04/23
CK	F	Cray X/MP, Y/MP	UNICOS 6,7	C	5A188	92/11/23
CR	D	Cray-1,Cray-XMP	CTSS	Fortran-77	-	85/02/08
CP	A	Cromemco	CPM80 2.2	LASM	4.11	91/04/23
CN8	C	Daisy PCi	CCPM86	ASM86	2.9	86/04/10
CK	F	DEC Alpha AXP	OpenVMS	C	5A188	92/11/23
CK	F	DEC Alpha AXP	OSF/1	C	5A188	92/11/23
K12	D	DEC LINC-8	OS/8 Fam.	PAL-8	10g	90/09/13
K12	D	DEC PDP-8	OS/8 Fam.	PAL-8	10g	90/09/13
CK	F	DEC PDP-11	2.1x BSD	C	5A188	92/11/23
K11	B	DEC PDP-11	IAS 3.1	Macro-11	3.60	89/06/13
MP	B	DEC PDP-11	MUMPS-11	MUMPS-1982	-	84/04/11
K11	B	DEC PDP-11	RSTS/E	Macro-11	3.60	89/06/13
K11	B	DEC PDP-11	RSX-11/M,+	Macro-11	3.60	89/06/13
K11	B	DEC PDP-11	RT-11	Macro-11	3.60	89/06/13
K11	B	DEC PDP-11	TSX+	Macro-11	3.60	89/06/13
K12	D	DEC PDP-12	OS/12 Fam.	PAL-8	10g	90/09/13
K11	B	DEC Pro-3xx	P/OS	Macro-11	3.60	89/06/13
K11	B	DEC Pro-3xx	Pro/RT	Macro-11	3.60	89/06/13
C86	C	DEC Rainbow	CPM86	ASM86	2.9	84/12/03
MS	A	DEC Rainbow	MS-DOS	MASM	3.10	91/03/18
QNX	C	DEC Rainbow	QNX 1.x	C	1.0	85/09/23
CK	F	DEC VAX	4.xBSD	C	5A188	92/11/23
CK	F	DEC VAX	(Open)VMS	C	5A188	92/11/23
CK	F	DEC VAX	ULTRIX	C	5A188	92/11/23
CK	F	DEC VAX	UNIX SVR3	C	5A188	92/11/23
VMS	B	DEC VAX	VMS	Bliss,Macro	33128	91/01/04
MS	A	DEC VAXmate	MS-DOS	MASM, C	3.12	92/09/30
CK	F	DEC VAXstation	(Open)VMS	C	5A188	92/11/23
CK	F	DEC VAXstation	ULTRIX	C	5A188	92/11/23
CP	A	DEC VT-180 Robin	CPM80 2.2	LASM	4.11	91/04/23
K12	D	DEC VT-78	OS/8 Fam.	PAL-8	10g	90/09/13
K12	D	DEC VT-278	OS/78 V4	PAL-8	10g	90/09/13
K12	D	DECmate I	OS/78 V4	PAL-8	10g	90/09/13
K12	D	DECmate II,III	OS/278 V2	PAL-8	10g	90/09/13
CP	A	DECmate-II,III	CPM80 2.2	LASM	4.11	91/04/23
MS	A	DECmate-II,III	MS-DOS	MASM	2.29	86/05/28
CK	F	DECstation	OSF/1	C	5A188	92/11/23
CK	F	DECstation	ULTRIX	C	5A188	92/11/23
K10	D	DECsystem-10	TOPS-10	Bliss, Macro	3.134	89/09/18
K20	D	DECSYSTEM-20	TOPS-20	MACRO-20	4.2	88/01/25
CK	F	Dell PC	Dell UNIX	C	5A188	92/11/23
CP	A	Delphi 100	CPM80 2.2	LASM	4.11	91/04/23
RD2	D	DG 800	RDOS	BASIC	-	87/03/26
CK	F	DG AViiON	DG/UX	C	5A188	92/11/23
AOS	D	DG MV	AOS,AOS/VS	SP/Pascal	-	85/02/08
CK	F	DG MV	AOS/VS,-II	C	5A188	92/11/23
DGM	D	DG MV	AOS/VSMVUX	C	-	85/11/27
RDO	D	DG Nova	RDOS	Fortran-5	-	84/09/14
AOS	D	DG S250	AOS	Fortran-5	-	84/09/14
CK	F	DIAB DS90	DNIX	C	5A188	92/11/23
CK	F	Dolphin Triton	UNIX SV/88	C	5A188	92/11/23
CK	F	Encore 88K	UMAX V	C	5A188	92/11/23
CK	F	Encore Multimax	UMAX 4.x	C	5A188	92/11/23
CK	F	Encore Multimax	UMAX V	C	5A188	92/11/23
CP	A	Epson PX8	CPM80 2.2	LASM	4.11	91/04/23
LUX	C	FACIT DTC/DTC2	ABC-DOS	ABC-BASIC-II	4.11	90/07/13
CN8	C	Fallon 2000	CCPM86	ASM86	2.9	86/04/10
CP	A	Ferguson BigB.I	CPM80 2.2	LASM	4.11	91/04/23
CK	F	Fortune 32:16	For:Pro2.1	C	5A188	92/11/23
CK	F	FPS 500	FPX 4.1	C	5A188	92/11/23
CN8	C	FTS PCi	CCPM86	ASM86	2.9	86/04/10
C86	C	Fujitsu Micro16s	CPM86	ASM86	2.9	85/09/23
C86	C	Future FX20/FX30	CPM86	ASM86	2.9	86/04/10
GEC	D	GEC 4000 Series	OS4000	MUM/SERC	3.9	89/05/07
OS9	C	Gimex III	OS-9	C	1.5	85/09/20
GM2	D	Gould/SEL 32	MPX-32	Fortran 77+	2.3	86/12/10
GM3	D	Gould/SEL 32	MPX-32	Fortran 77+	2.3	90/11/12
MS	A	GRiD Compass II	MS-DOS	MASM	3.10	91/03/18
H8	D	Harris 800	VOS	Pascal,Asm	-	85/02/11
H1	D	Harris H100-1	VOS 4.1.1	Fortran-77	1.06	88/03/17
CK	F	Harris NightHawk	CX/UX 6.1	C	5A188	92/11/23
CP	A	Heath H8	CPM80 2.2	LASM	4.11	91/04/23
CP	A	Heath/Zenith-100	CPM85	LASM	4.11	91/04/23
MS	A	Heath/Zenith-100	MS-DOS	MASM	3.10	91/03/18
CP	A	Heath/Zenith-89	CPM80 2.2	LASM	4.11	91/04/23
MU	D	Honeywell	MULTICS	PL/I	2.0h	84/09/20
HD6	D	Honeywell DPS6	GCOS6 3.1	C	2.01	91/06/03
HD6	D	Honeywell DPS6	GCOS6 4.0	C	2.01	91/06/03
HG	D	Honeywell DPS66	GCOS3,8	C	3.0	84/10/05
HC6	D	Honeywell DPS8	CP-6	PL/6	1.00	88/01/28
HCP	D	Honeywell DPS8	CP-6	Pascal	-	85/04/04
HDP	D	Honeywell DPS8	GCOS/TSS	B	1.1	85/03/21
HG	D	Honeywell DPS8	GCOS3,8	C	3.0	84/10/05
HC6	D	Honeywell DPS90	CP-6	PL/6	1.00	88/01/28
HCP	D	Honeywell DPS90	CP-6	Pascal	-	85/04/04
HL6	C	Honeywell L6/10	MS-DOS	MASM	1.20A	84/10/05
MS	A	HP Portable Plus	MS-DOS	MASM	3.10	91/03/18
HPM	D	HP-1000	RTE6, RTEA	F77 & Asm	1.99D	90/01/09
MS	A	HP-110, 150	MS-DOS	MASM	3.10	91/03/18
CP	A	HP-125	CPM80 2.2	LASM	4.11	91/04/23
HP2	C	HP-264x	-	8080ASM	1.2	87/10/09
HP3	D	HP-3000	MPE	SPL	-	91/10/21
CK	F	HP-9000	HP-UX	C	5A188	92/11/23
HPB	C	HP-9000/200,/300	HP-BASIC	HP BASIC	1.02	89/06/21
CK	F	HP-9836CU	HP-UX	C	5A188	92/11/23
HP9	C	HP-9845	BASIC/SAM	HP BASIC	1.00	86/10/07
HP9	C	HP-98xx	UCSD p-Sys	HP Pascal	-	84/01/20
HP8	C	HP86	HP-BASIC	HP BASIC	1.01	87/04/29
HP8	C	HP87	HP-BASIC	HP BASIC	1.01	87/04/29
IK	B	IBM 370 Series	CICS/MVS	Assembler	4.2.4	92/09/30

Prefix, Tape	Machine	Operating System	Program Language	Program Version	Released yy/mm/dd
IK B	IBM 370 Series	CICS/VSE	Assembler	4.2.4	92/09/30
MT2 D	IBM 370 Series	MTS	PLUS	-	86/11/03
MTS D	IBM 370 Series	MTS	Assembler	-	84/01/06
MTS D	IBM 370 Series	MTS	Pascal	1.0	84/01/06
IK B	IBM 370 Series	MUSIC	Assembler	4.2.3	92/09/30
GUT D	IBM 370 Series	MVS/GUTS	Assembler	-	85/04/05
IK B	IBM 370 Series	MVS/ROSCOE	Assembler	4.2.4	92/09/30
IK B	IBM 370 Series	MVS/TSO	Assembler	4.2.4	92/09/30
TS2 B	IBM 370 Series	MVS/TSO	Pascal/VS,..	2.3	87/10/01
TSN B	IBM 370 Series	MVS/TSO	ALP/Assem	1.1A	87/09/17
IK B	IBM 370 Series	MVSXA/TSOE	Assembler	4.2.4	92/09/30
IK B	IBM 370 Series	VM/CMS	Assembler	4.2.5	92/12/23
IK B	IBM 370 Series	VM/ESA/CMS	Assembler	4.2.5	92/12/23
IK B	IBM 370 Series	VM/HPO/CMS	Assembler	4.2.5	92/12/23
IK B	IBM 370 Series	VM/IS/CMS	Assembler	4.2.5	92/12/23
IK B	IBM 370 Series	VM/SP/CMS	Assembler	4.2.5	92/12/23
IK B	IBM 370 Series	VM/XA/CMS	Assembler	4.2.5	92/12/23
MS A	IBM compatibles	MS-DOS	MASM, C	3.12	92/09/30
CS9 C	IBM CS9000	CSOS	Pascal	-	92/09/10
CK F	IBM Mainframe	AIX 1.2	C	5A188	92/11/23
CK F	IBM Mainframe	AIX/ESA2.1	C	5A188	92/11/23
UCI C	IBM PC	UCSD p-Sys	UCSD Pascal	0.1	84/05/23
CC C	IBM PC + clones	ChineseDOS	MASM	2.32A	91/09/09
MX B	IBM PC family	MINIX	C	4D 61	88/05/17
TP4 C	IBM PC family	PC-DOS	Turbo Pascal	1.1a	88/04/15
QK C	IBM PC,XT,AT	PC-DOS	Turbo Pascal	3.1	88/12/14
QNX C	IBM PC,XT,AT	QNX 1.x	C	1.0	85/09/23
MS A	IBM PC,XT,AT,jr	PC-DOS	MASM, C	3.12	92/09/30
PIC D	IBM PC/XT,AT	PICK	DATA/BASIC	0.3	89/08/21
CK F	IBM PS/2	AIX 1.2	C	5A188	92/11/23
CK F	IBM PS/2	OS/2 1.3	C	5A188	92/11/23
CK F	IBM PS/2	OS/2 2.00	C	5A188	92/11/23
MS A	IBM PS/2 Series	PC-DOS	MASM, C	3.12	92/09/30
CK F	IBM RS/6000	AIX 3.x	C	5A188	92/11/23
CK F	IBM RT PC	4.3BSDReno	C	5A188	92/11/23
CK F	IBM RT PC	ACIS 4.x	C	5A188	92/11/23
CK F	IBM RT PC	AIX 2.x	C	5A188	92/11/23
VME D	ICL 2900	VME	S3	1.01	87/07/14
CK F	ICL DRS3000,6000	DRS/NX	C	5A188	92/11/23
CN8 C	ICL PC 2,Quattro	CCPM86	ASM86	2.9	87/05/17
PQ C	ICL/Perq	Perq OS	Pascal	2.0	84/12/04
CK F	Integr.Solu.VS8	ISI 4.2BSD	C	5A188	92/11/23
MS A	Intel 300 Series	iRMX-286	MASM/ASM86	2.30	88/05/02
CK F	Intel 302	Bell Tech	C	5A188	92/11/23
RMX C	Intel 86,286	RMX 1.0	PL/M	1.0	85/10/25
I86 C	Intel 86/380	iRMX-86	PL/M	2.3	85/09/23
IRM C	Intel 86/380	iRMX-86	PL/M	2.41	87/03/04
MD C	Intel MDS	ISIS	PL/M	-	87/04/06
CK F	IntergraphClipper	CLIX	C	5A188	92/11/23
CP A	Ithaca Intersys	CPM80 2.2	LASM	4.11	91/04/23
UCJ C	J LoeblMagiscan2	UCSD p-Sys	UCSD Pascal	-	86/06/23
CP A	Kaypro 4	CPM80 2.2	LASM	4.11	91/04/23
CP A	Kaypro II	CPM80 2.2	LASM	4.11	91/04/23
M2 C	Lilith Worksta.	Medos	Modula-2	1.0	87/05/17
LM C	LMI Lispmachine	LMI-LAMBDA	ZETALISP	1.0	85/09/12
CP A	Lobo Max-80	CPM80 2.2	LASM	4.11	91/04/23
LUX C	Luxor ABC-80	ABC-DOS	Z80 Asm	1.0	90/07/13
LUX C	Luxor ABC-80x	ABC-DOS	ABC-BASIC-II	4.11	90/07/13
LUX C	Luxor ABC-80x	UFD-DOS	ABC-BASIC-II	4.11	90/07/13
CK F	Luxor ABC-9000	DNIX	C	5A188	92/11/23
MBF D	MAI Basic Four	BOSS/VS	BASIC BB86	1.0	88/04/11
CK F	Masscomp	RTU 4.0+	C	5A188	92/11/23
CP A	Merlin M2215	CPM80 2.2	LASM	4.11	91/04/23
PIC D	MicroDataREALITY	PICK	DATA/BASIC	0.3	89/08/21
CP A	Micromint SB180	CPM80 2.2	LASM	4.11	91/04/23
CK F	MIPS System	RISC/os	C	5A188	92/11/23
CK F	Modcomp 9730	Real/IX	C	5A188	92/11/23
MOD D	Modcomp Classic	MAX IV	Fortran/ASM	A.0	87/01/26
CK F	Modcomp Realstar	Real/IX	C	5A188	92/11/23
CP A	MorrowDecisionI	CPM80 2.2	LASM	4.11	91/04/23
CP A	MorrowMicroDecI	CPM80 2.2	LASM	4.11	91/04/23
FL C	Motorola 6809	Flex	Assembler	-	86/02/14
FL2 C	Motorola 6809	FLEX-09	C	3.0	87/03/04
CK F	Motorola Delta	SV/68 R3x	C	5A188	92/11/23
CK F	Motorola Delta	SV/88 R3,4	C	5A188	92/11/23
MS A	MS Windows x.x	MS/PC-DOS	MASM, C	3.12	92/09/30
WIN C	MS Windows 2.x	MS/PC-DOS	Microsoft C	4.11	90/01/19
WK A	MS Windows 3.0	MS/PC-DOS	Microsoft C	-	91/10/19
NCR D	NCR 9800-4	VE4.0	C	4E 72	90/07/13
CP A	NCR Decisionmate	CPM80 2.2	LASM	4.11	91/04/23
CK F	NCR System 3000	UNIX SVR4	C	5A188	92/11/23
CK F	NCR Tower 1632	UNIX SVR2	C	5A188	92/11/23
CK F	NCR Tower 32	UNIX SVR3	C	5A188	92/11/23
C86 C	NEC APC	CPM86	ASM86	2.9	84/12/03
MS A	NEC APC	MS-DOS	MASM	2.29	86/05/28
MS A	NEC APC III	MS-DOS	MASM	2.30	88/03/21
MS A	NEC PC9801	MS-DOS	MASM	3.10	91/04/18
CK F	NeXT	NeXT OS	C	5A188	92/11/23
CK F	Nixdorf Targon31	TOS	C	5A188	92/11/23
CP A	Nokia MikroMikko	CPM80 2.2	LASM	4.11	91/04/23
ND D	Norsk Data 10,..	SintranIII	ND-Pascal	3.1b	85/06/24
CK F	Norsk Data 88/17	UNIX SV/88	C	5A188	92/11/23
CP A	Northstar	CPM80 2.2	LASM	4.11	91/04/23
CP A	Ohio Scientific	CPM80 2.2	LASM	4.11	91/04/23
CK F	OkiStation 7300	UNIX SVR4	C	5A188	92/11/23
CK F	Olivetti CP 486	UNIX SVR4	C	5A188	92/11/23
CK F	Olivetti LSX30xx	X/OS	C	5A188	92/11/23
CK F	Olivetti PCs	SCO UNIX	C	5A188	92/11/23
MS A	Olivetti PCs	MS-DOS	MASM, C	3.12	92/09/30
CN8 C	Orion PCi	CCPM86	ASM86	2.9	86/04/10
CP A	Osborne 1	CPM80 2.2	LASM	4.11	91/04/23
UCM C	PascalMicroengin	UCSD p-Sys	Pascal	III.0	84/12/03
MS A	PC/8088 & higher	MS-DOS	MASM, C	3.12	92/09/30
CK F	PC/286 & higher	Microport	C	5A188	92/11/23
CK F	PC/286 & higher	SCO Xenix	C	5A188	92/11/23
CK F	PC/386 & higher	386BSD	C	5A188	92/11/23
CK F	PC/386 & higher	BSDI/386	C	5A188	92/11/23
CK F	PC/386 & higher	Coherent	C	5A188	92/11/23
CK F	PC/386 & higher	ESIX SVR3	C	5A188	92/11/23
CK F	PC/386 & higher	InteractiveC	C	5A188	92/11/23
CK F	PC/386 & higher	Linux/386	C	5A188	92/11/23
CK F	PC/386 & higher	Microport	C	5A188	92/11/23
CK F	PC/386 & higher	MINIX/386	C	5A188	92/11/23
CK F	PC/386 & higher	MtXinuMach	C	5A188	92/11/23
CK F	PC/386 & higher	OS/2 1.x	C	5A188	92/11/23
CK F	PC/386 & higher	OS/2 2.0	C	5A188	92/11/23
CK F	PC/386 & higher	SCO ODT	C	5A188	92/11/23
CK F	PC/386 & higher	SCO UNIX	C	5A188	92/11/23
CK F	PC/386 & higher	Solaris	C	5A188	92/11/23
UCP C	Pecan	UCSD p-Sys	Pascal	1.1	90/08/05
PER D	PerkinElmer 3200	OS/32 MT72	Fortran	1.0	87/03/04
CK F	PerkinElmer 3200	Xelos SV	C	5A188	92/11/23
PE7 D	PerkinElmer 7000	IDRIS	C	1.1 0	86/12/08
CP A	PMC Micromate101	CPM80 2.2	LASM	4.11	91/04/23
PRI D	Prime	PRIMOS R2x	PL/P	8.14	92/02/12
CK F	Pyramid 9810x(T)	OSx	C	5A188	92/11/23
CP A	Rair Black Box	CPM80 2.2	LASM	4.11	91/04/23
CP A	RM380ZF, ZM	CPM80 2.2	LASM	4.11	91/04/23
RM C	RML 480Z	ROS 2.x	C	1.22	86/11/03
RM C	RML Nimbus	MS-DOS?	C	1.22	86/11/03
CP A	Sanyo 1100 MBC	CPM80 2.2	LASM	4.11	91/04/23
MS A	Sanyo 550 MBC	MS-DOS	MASM	2.30	88/05/16
CP A	ScreenTyper	CPM80 2.2	LASM	4.11	91/04/23
CK F	Sequent	DYNIX	C	5A188	92/11/23
CK F	Sequent	DYNIX/ptx	C	5A188	92/11/23
CK F	Silicon Graphics	IRIX	C	5A188	92/11/23
QL2 C	Sinclair QL	QDOS	BCPL	-	87/05/15
QLK C	Sinclair QL	QDOS	C	1.10	87/05/15
CK F	Solbourne	OS/MP	C	5A188	92/11/23
CK F	Sony NEWS	NEWS-OS	C	5A188	92/11/23
UN D	Sperry 1100	Exec	Assembler	2.5	86/09/03
UN D	Sperry 1100	Exec	NOSC Pascal	2.0	84/10/08
CK F	Sperry 5000	UNIX SVR3	C	5A188	92/11/23
CK F	Sperry 5000	UTS V	C	5A188	92/11/23
SP9 D	Sperry 90/60	VS9	Assembler	-	86/04/09
CK F	Stardent 1520	UNIX SVR3	C	5A188	92/11/23
CK F	Sun, all models	Solaris	C	5A188	92/11/23
CK F	Sun, all models	SunOS 3,4	C	5A188	92/11/23
CP A	Superbrain	CPM80 2.2	LASM	4.11	91/04/23
LM C	Symbolics 36xx	Lisp	ZETALISP	1.0	85/09/12
TAN D	Tandem Nonstop	Guardian	TAL	1.0	86/04/08
TA1 C	Tandy 100	Tandy 100	BASIC	1984	90/10/07
TA2 C	Tandy 2000	MS-DOS	MASM	1.20	84/02/16
CK F	Tandy Model 16	Xenix 3.0	C	5A188	92/11/23
C86 C	Tektronix 4170	CPM86	ASM86	2.9	84/12/03
CK F	Tektronix 4xxx	UTek	C	5A188	92/11/23
CK F	Tektronix 6130	UTek	C	5A188	92/11/23
CK F	Tektronix XD88	UTek	C	5A188	92/11/23
CP A	Telcon Zorba	CPM80 2.2	LASM	4.11	91/04/23
CP A	Teletek	CPM80 2.2	LASM	4.11	91/04/23
UCT C	Terak	UCSD p-Sys	UCSD Pascal	-	84/04/11
TI9 D	TI 990	DX10	Pascal	1.0	87/07/10
EXP C	TI Explorer	LISP	Common Lisp	1.0	87/03/04
MS A	TI Professional	MS-DOS	MASM	2.29	86/05/28
CP A	Torch Unicorn 5	CPM80 2.2	LASM	4.11	91/04/23
CK F	Tri Star Flash	ESIX	C	5A188	92/11/23
CO C	TRS-80 CoCo	DOS	EDTASM	1.1	85/03/21
OS9 C	TRS-80 CoCo	OS-9	C	1.5	85/09/20
TRS C	TRS-80 I and III	TRSDOS	M80	3.5	84/08/08
CP A	TRS-80 Model 4	CPM80 2.2	LASM	4.11	91/04/23
M4 C	TRS-80 Model 4	TRSDOS	ASM	5.2	86/10/29
CP A	TRS-80 Model II	CPM80 2.25	LASM	4.11	91/04/23
TR2 C	TRS-80 Model II	TRSDOS	Assembler	1.2	87/03/26
UM C	UMicro U-MAN1000	CP/M-68K	C and Asm	-	86/04/10
CK F	UNISYS 5000	UNIX SVR3	C	5A188	92/11/23
CK F	UNISYS 5000	UTS V	C	5A188	92/11/23
UAS D	UNISYS A-Series	MCS/AS	Algol	1.041	90/07/13
CP A	USmicroSalesS100	CPM80 2.2	LASM	4.11	91/04/23
PIC D	VAX/Ultimate	PICK	DATA/BASIC	0.3	89/08/21
CP A	Vector Graphics	CPM80 2.2	LASM	4.11	91/04/23
C86 C	Victor/Sirius 1	CPM86	ASM86	2.9	86/07/07
MS A	Victor/Sirius 1	MS-DOS	MASM	3.10	91/03/18
CP A	Video Genie	CPM80 2.2	LASM	4.11	91/04/23
MS A	Wang PC, APC	MS-DOS	MASM	2.31	88/08/13
CP A	Xerox 820	CPM80 2.2	LASM	4.11	91/04/23
CP A	Z80MUdevelpmtSys	CPM80 2.2	LASM	4.11	91/04/23

KERMIT DISTRIBUTION MEDIA

Kermit software is distributed by Columbia University on magnetic tape, tape cartridges, and certain diskette formats. Tapes and cartridges include all source code and supporting files in machine-readable form for each Kermit implementation, and in some cases also binaries (encoded in hex or other printable format, with appropriate decoding software supplied).

Kermit software programs are collected on six reel-to-reel 9-track tapes: A, B, C, D, E, F, and T. The programs are assigned to tapes A–F as shown in the second column of the Kermit version list as follows: Tape A has the MS-DOS, CP/M-80, and Apple II versions. Tape B has the IBM mainframe and DEC PDP-11 versions. Tape F has C-Kermit. Tape C has other miscellaneous microcomputer, PC, and workstation versions. Tape D has other miscellaneous minicomputer and mainframe versions. Tape T has the latest test versions, if any. Tape E contains machine-readable copies of the Kermit protocol manual, various other manuals, articles, the Info-Kermit Digest, newsletters, and other general documents. Tapes and cartridges are available in these formats:

ANSI: ANSI labeled ASCII, format D (variable length records), blocksize 8192. 9-track, half-inch, reel-to-reel, 1600 bpi. Readable by many computer systems, including VAX/VMS.

TAR: UNIX TAR format, blocksize 10240, 9-track, 1600 bpi.

OS: IBM OS standard labeled EBCDIC, format VB (variable length records), blocksize 8192, 9-track, 1600 bpi, for MVS, CMS, and other mainframe systems. IBM VM/CMS users should order the OS format and use one of the included tape-reading programs to read the tape on a CMS system; printed instructions are included with the OS tape.

TK50: TK50 tape cartridge for the DEC MicroVAX. VMS BACKUP format. Also readable by TK70. Each TK50 cassette holds several Kermit tape sets: A, B, and E; or C, D, T and E.

QIC: UNIX TAR-format quarter-inch tape cartridge. Readable on Sun computers, IBM RS/6000, and many others. Several tape sets per cartridge, as for TK50.

8MM: EXABYTE 8-millimeter cassette. Several tape sets per cassette, as for TK50.

Diskettes formats are 5.25-inch 360K and 3.5-inch 720K.

NEWS AND UPDATES

The newsletter *Kermit News* is mailed free of charge to all our Kermit customers about once a year to bring news of Kermit software releases and related developments. Ordering any Kermit material from us automatically adds you to the subscriber list. We do not have the resources to send automatic software updates. Use the order form in *Kermit News* to obtain new versions of the Kermit software, or call +1 212 854-3703 for inquiries.

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