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## THE KERMIT COMMUNICATION SOFTWARE CATALOG

Visit our Web site <http://www.columbia.edu/kermit/> for detailed product descriptions, screen shots, frequently asked questions (and answers), late-breaking news, up-to-date pricing and licensing information, and much more.

Low-cost, high-quality, function-packed communication software from the *nonprofit, self-funding* Kermit Project at Columbia University in New York City, offering fast and reliable file transfer, terminal emulation, script programming, and international character-set translation for *hundreds* of different computers and operating systems. Kermit software works over direct or dialed serial connections, and over local and wide area networks too.

The most popular Kermit software programs are described briefly on this page; each one includes the fastest and most advanced Kermit protocol implementation available, including a recovery feature and international character-set conversion for West- and East-European languages, Cyrillic, Hebrew, and Japanese. All but IBM Mainframe Kermit also include an easy-to-use and powerful cross-platform script programming language to let you automate any communication task on any kind of connection.

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### Kermit 95 for Windows 95, Windows 98, Windows NT, and OS/2

Kermit 95, 32-bit native full-function communications software for Windows 95/98, Windows NT 3.51 or later, and OS/2 2.0 or later. Serial communication—direct and dialed—plus TCP/IP (Telnet and Rlogin) over any 32-bit TCP/IP stack, plus Meridian Technology SuperLAT (Windows 95/98/NT only) or DEC PATHWORKS and NETBIOS (OS/2 only). Kermit and X-Y-ZMODEM file transfer with autownload and recovery features. VT320/220/102/100/52, ANSI, SCOANSI, Wyse, HP, DG, Televideo, and many other terminal emulations with key mapping, a Compose key, screen rollback, colors, mouse functions, printer control, and character-set translation. A graphical Dialer including a customizable directory preloaded with hundreds of Internet and dialup entries. And a “host mode” to let you give people secure Telnet or dialup access to your PC. Aggressively-priced **academic site licenses** and **bulk right-to-copy licenses** are available; see our web site or contact us for further information.

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### MS-DOS Kermit 3.15 for DOS and Windows 3.x

Full-function communication software for DOS and Windows 3.x. **Serial communications** via COM ports, internal modems, or FOSSIL driver, with automatic modem dialing scripts for many types of modems, plus an easy-to-use dialing directory. **Network support** includes TCP/IP (built-in, with up to six concurrent sessions), AT&T StarLAN / StarGROUP, DEC PATHWORKS LAT and CTERM, NETBIOS, Novell NASI/NACS, Novell LWP TELAPI, 3COM BAPI, Beame & Whiteside TCP/IP, Interconnections TES, Meridian SuperLAT, BIOS Int 14 support for externally-established network connections, and others. MS-DOS Kermit's built-in TCP/IP requires a *packet driver* (Ethernet or SLIP class), an *ODI driver*, or *NDIS driver*, and can coexist with Novell IPX connections. Does not operate over Winsock. **Terminal emulations** include ANSI, DEC VT320/220/102/100/52, Wyse-50, Data General Dasher D463 and D470, Heath/Zenith-19, plus Tektronix 4014 and Sixel graphics, with screen rollback, capture, copy, and print; 132-column mode; horizontal scrolling; key mapping and macros; many character-sets; a Compose key for entering accented letters; color text and graphics; much more. **Note:** 3.15 is a minor, downloadable update to version 3.14.

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### C-Kermit 6.0 for UNIX, VMS, AOS/VS, VOS, OS-9, . . .

C-Kermit 6.0, the world's most portable communications software, is available for **UNIX**, Digital **VMS**, Stratus **VOS**, Data General **AOS/VS**, Microware **OS-9**, and other operating systems. Communications features include automatic dialing, dialing and services directories, terminal connection, key mapping and keystroke macros, auto up- and download, TCP/IP and other network support in the UNIX, VMS, VOS, AOS/VS, and OS-9 versions, a powerful cross-platform script programming language, and international character-set conversion for both file transfer and terminal connection. A consistent communications and scripting solution for both serial and network connections on hundreds of different hardware / operating system platforms.

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### IBM Mainframe Kermit 4.3.2 / 4.3.3

IBM mainframe Kermit Version 4.3.2 for **VM/CMS** (including ESA, HPO, IS, SP, and XA), **CICS**, **MUSIC** and Version 4.3.3 for **MVS/TSO** (including ROSCOE) supports advanced Kermit protocol features like long packets, recovery, and international character sets, and it works with a wide variety of communication processors in both linemode and in 3270 fullscreen mode. Version 4.3.2 is the first release that is Year-2000 ready. The program is distributed in IBM 370 assembly language source-code form with complete instructions for building and using.

*And hundreds of others . . .* listed on the following pages.

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### 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 tutorials in computers, file systems, data communications, and Kermit software.

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Prefix	Tape	Machine	Operating System	Program Language	Program Version	Released yy/mm/dd	Prefix	Tape	Machine	Operating System	Program Language	Program Version	Released yy/mm/dd
CK	F	various	4.1-4.4 BSD	C	6.0.192	96/11/30	CK	F	DEC PDP-11	2.1x BSD	C	6.0.192	96/11/30
CK	F	various	POSIX	C	6.0.192	96/11/30	K11	B	DEC PDP-11	IAS 3.1	Macro-11	3.60	89/06/13
CK	F	various	UNIX Sys III	C	6.0.192	96/11/30	MP	B	DEC PDP-11	MUMPS-11	MUMPS-1982	-	84/04/11
CK	F	various	UNIX Sys V R2C	C	6.0.192	96/11/30	K11	B	DEC PDP-11	RSTS/E	Macro-11	3.60	89/06/13
CK	F	various	UNIX Sys V R3C	C	6.0.192	96/11/30	K11	B	DEC PDP-11	RSX-11/M	Macro-11	3.60	89/06/13
CK	F	various	UNIX Sys V R4C	C	6.0.192	96/11/30	K11	B	DEC PDP-11	RSX-11/M+	Macro-11	3.60	89/06/13
EM	B	various	EMACS	ELISP	1.4	94/06/04	KRT	B	DEC PDP-11	RT-11	Macro-11	3.63	97/09/27
CK	F	various	Plan 9	C	6.0.192	96/11/30	KRT	B	DEC PDP-11	TSX+	Macro-11	3.63	97/09/27
TRI	C	various	TRIPOS	BCPL	-	87/07/10	K12	D	DEC PDP-12	OS/12	PAL-8	10g	90/09/13
TD	C	various	TurboDOS	ASM	-	92/10/29	K11	B	DEC Pro-3xx	P/OS	Macro-11	3.60	89/06/13
FLX	C	various 6809	Flex 9	6809 Asm	-	86/04/17	KRT	B	DEC Pro-3xx	Pro/RT	Macro-11	3.63	97/09/27
UF	C	various 6809	UniFLEX	C	1.5	93/08/23	C86	C	DEC Rainbow	CPM86	ASM86	2.9	84/12/03
OS9	C	various 6809	OS-9	C	1.5	85/09/20	MS	A	DEC Rainbow	MS-DOS	MASM	3.10	91/03/18
CK	F	various 68000	OS-9	C	6.0.192	96/11/30	QNX	C	DEC Rainbow	QNX 1.x	C	1.0	85/09/23
CP	A	various 808x	CPM80 2.2	LASM	4.11	91/04/23	CK	F	DEC VAX	4.xBSD	C	6.0.192	96/11/30
CP	A	various 808x	CPM80 3.0	LASM	4.11	91/04/23	PIC	D	DEC VAX	PICK	DATA/BASIC	0.3	89/08/21
MS	A	various 80x86	MS-DOS	MASM	3.15	97/09/15	CK	F	DEC VAX	(Open)VMS	C	6.0.192	96/11/30
CP	A	Access Matrix	CPM80 2.2	LASM	4.11	91/04/23	CK	F	DEC VAX	ULTRIX	C	6.0.192	96/11/30
AR	C	Acorn Archimedes	Arthur	C	1.3	93/05/01	CK	F	DEC VAX	UNIX SVR3	C	6.0.192	96/11/30
AR	C	Acorn Archimedes	RISC_OS	C	1.3	93/05/01	MS	A	DEC VAXmate	MS-DOS	MASM, C	3.15	97/09/15
BBC	C	Acorn BBC B	OS1.20	6502 Assem.	1.45	87/05/19	CK	F	DEC VAXstation	(Open)VMS	C	6.0.192	96/11/30
BBC	C	Acorn BBC B+,128	OS 2	6502 Assem.	1.45	87/05/19	CK	F	DEC VAXstation	ULTRIX	C	6.0.192	96/11/30
CP	A	Acorn BBC	CPM80 2.2	LASM	4.11	91/04/23	CP	A	DEC VT-180 Robin	CPM80 2.2	LASM	4.11	91/04/23
BBC	C	Acorn Compact	OS 3	6502 Assem.	1.45	87/05/19	K12	D	DEC VT-78	OS/8 Fam.	PAL-8	10g	90/09/13
BBC	C	Acorn Compact	Panos	C	4C 57	87/07/14	K12	D	DEC VT-278	OS/78 Fam.	PAL-8	10g	90/09/13
BBC	C	Acorn Master 128	OS 3	6502 Assem.	1.45	87/05/19	K12	D	DECmate I	OS/78 V4	PAL-8	10g	90/09/13
AC	C	Acorn Workstation	PANOS	C	-	87/07/13	K12	D	DECmate II,III	OS/278 V2	PAL-8	10g	90/09/13
MS	A	ACT Apricot	MS-DOS	MASM	2.30	88/05/12	CP	A	DECmate-II,III	CPM80 2.2	LASM	4.11	91/04/23
CP	A	Action Discovery	CPM80 2.2	LASM	4.11	91/04/23	MS	A	DECmate-II,III	MS-DOS	MASM	2.29	86/05/28
AM	C	Alpha Micro 68K	AMOS/xx	AM68K Asm	2.0	94/03/21	CK	F	DECstation	MACH	C	6.0.192	96/11/30
CK	F	Altos ACS68000	UNIX III.V	C	6.0.192	96/11/30	CK	F	DECstation	OSF/1	C	6.0.192	96/11/30
CK	F	Amdahl Mainframe	UNIX SVR2	C	6.0.192	96/11/30	CK	F	DECstation	ULTRIX	C	6.0.192	96/11/30
CK	F	Amdahl Mainframe	UTSV	C	6.0.192	96/11/30	K10	D	DECSYSTEM-10	TOPS-10	Bliss, Macro	3.134	89/09/18
IK	B	Amdahl Mainframe	Also see	IBM 370	-	-	K20	D	DECSYSTEM-20	TOPS-20	MACRO-20	4.2	88/01/25
CP	A	Amstrad	CPM80 2.2	LASM	4.11	91/04/23	CK	F	Dell PC	Dell UNIX	C	6.0.192	96/11/30
APO	C	Apollo	Aegis	Pascal	2.9	89/05/07	CP	A	Delphi 100	CPM80 2.2	LASM	4.11	91/04/23
CK	F	Apollo	Aegis 9.x	C	6.0.192	96/11/30	RD2	D	DG 800	RDOS	BASIC	-	87/03/26
CK	F	Apollo/HP	SR10.0	C	6.0.192	96/11/30	CK	F	DG AViiOn 88k	DG/UX	C	6.0.192	96/11/30
CP	A	Apple II	CPM80 2.2	LASM	4.11	91/04/23	CK	F	DG AViiOn Intel	DG/UX	C	6.0.192	96/11/30
APP	A	Apple II	DOS,ProDOS	CROSS	3.87	90/12/05	AOS	D	DG MV	AOS,AOS/VS	SP/Pascal	-	85/02/08
UCA	C	Apple II	UCSD p-Sys	UCSD Pascal	1.0	86/04/08	CK	F	DG MV	AOS/VS	C	6.0.192	96/11/30
CK	F	Apple Macintosh	AUX	C	6.0.192	96/11/30	CK	F	DG MV	AOS/VS-II	C	6.0.192	96/11/30
CK	F	Apple Macintosh	Mac OS	MPW C	0991	94/08/16	DGM	D	DG MV	AOS/VSVMVUXC	-	-	85/11/27
CK	F	Apple Macintosh	MachTen	C	6.0.192	96/11/30	RDO	D	DG Nova	RDOS	Fortran-5	-	84/09/14
CN8	C	Argos Pro PC	CCPM86	ASM86	2.9	86/04/10	AOS	D	DG S250	AOS	Fortran-5	-	84/09/14
CK	F	AT&T 3B Series	UNIX SVR3	C	6.0.192	96/11/30	CK	F	DIAB DS90	DNIX	C	6.0.192	96/11/30
CK	F	AT&T 6300 PLUS	UNIX SVR3	C	6.0.192	96/11/30	CK	F	Dolphin Triton	UNIX SV/88	C	6.0.192	96/11/30
CK	F	AT&T 6386 WGS	UNIX SVR3	C	6.0.192	96/11/30	CK	F	Encore	UMAX 4.x	C	6.0.192	96/11/30
CK	F	AT&T 7300 UNIXPC	UNIX Sys V	C	6.0.192	96/11/30	CK	F	Encore	UMAX V	C	6.0.192	96/11/30
ATA	C	Atari Home Comp.	DOS	Action!	-	84/01/09	CP	A	Epson PX8	CPM80 2.2	LASM	4.11	91/04/23
UCP	C	Atari MEGA ST2	UCSD p-Sys	Pascal	1.1	90/08/05	LUX	C	FACIT DTC/DTC2	ABC-DOS	ABC-BASIC-II	4.11	90/07/13
CK	F	Atari ST	GEMDOS	C	5A189	93/06/30	CN8	C	Fallon 2000	CCPM86	ASM86	2.9	86/04/10
CK	F	Atari ST	MINIX ST	C	6.0.192	96/11/30	CK	A	Ferguson BigB.I	CPM80 2.2	LASM	4.11	91/04/23
CK	F	BeBox	BeOS DR7	C	6.0.192	96/11/30	CK	F	Fortune 32:16	For:Pro:2.1	C	6.0.192	96/11/30
CP	A	BigBoard II	CPM80 2.2	LASM	4.11	91/04/23	CK	F	FPS 500	FPX 4.1	C	6.0.192	96/11/30
B78	D	Burroughs A-Series	MCS/AS	Algol	1.019	86/09/11	CN8	C	FPS PCI	CCPM86	ASM86	2.9	86/04/10
CT	C	Burroughs B20	BTOS	C	2.00	93/01/20	C86	C	Fujitsu Micro16s	CPM86	ASM86	2.9	85/09/23
B68	D	Burroughs B6800	CANDE	Algol	-	85/02/15	C86	C	Future FX20/FX30	CPM86	ASM86	2.9	86/04/10
B78	D	Burroughs B7800	Burroughs	Algol	1.019	86/09/11	GEC	D	GEC 4000 Series	OS4000	MUM/SERC	3.9	89/05/07
B79	D	Burroughs B7900	Burroughs	Algol	5.2	85/11/27	OS9	C	Gimex III	OS-9	C	1.5	85/09/20
Uxx	D	Burroughs	Also see	UNISYS	-	-	GM	D	Gould/SEL 32	MPX-32	Fortran 77+	2.3	86/12/10
Z88	C	Cambridge Z88	OZ	8080 Asm	1.104	96/12/31	MS	A	GRiD Compass II	MS-DOS	MASM	3.10	91/03/18
CD3	D	CDC Cyber	NOS	Fortran 5	3.4	88/05/10	H1	D	Harris H100-1	VOS 4.1.1	Fortran-77	1.06	88/03/17
CYB	D	CDC Cyber	NOS 2.2	Compass	1.0	86/04/17	H8	D	Harris 800	VOS	Pascal,Asm	-	85/02/11
NOS	D	CDC Cyber	NOS 2.4	Compass	1.30	87/05/19	CK	F	Harris NightHawk	CX/UX 6.1	C	6.0.192	96/11/30
CDC	D	CDC Cyber 170	NOS,NOS/BE	Fortran-77	2.2	84/09/07	CP	A	Heath H8	CPM80 2.2	LASM	4.11	91/04/23
CK	F	CDC Cyber 910	IRIX	C	6.0.192	96/11/30	CP	A	Heath/Zenith-89	CPM80 2.2	LASM	4.11	91/04/23
CK	F	Charles River	UNOS	C	6.0.192	96/11/30	CP	A	Heath/Zenith-100	CPM85	LASM	4.11	91/04/23
CIE	C	CIE 680/XX	REGULUS	C	-	87/01/26	MS	A	Heath/Zenith-100	MS-DOS	MASM	3.15	97/09/15
CP	A	Cifer 1886	CPM80	LASM	4.11	91/04/23	MU	D	Honeywell	MULTICS	PL/I	2.0h	84/09/20
CP	A	Comart Communicator	CPM80 2.2	LASM	4.11	91/04/23	HD6	D	Honeywell DPS6	GCOS6	C	2.01	91/06/03
C64	C	Commodore 64	FORTH	FORTH	1.5	85/02/08	HG	D	Honeywell DPS66	GCOS3.8	C	3.0	84/10/05
C64	C	Commodore 64/128	DOS	CROSS	2.27	92/09/30	HC6	D	Honeywell DPS8	CP-6	PL/6	1.00	88/01/28
CK	F	Commodore Amiga	3000UX	C	6.0.192	96/11/30	HCP	D	Honeywell DPS8	CP-6	Pascal	-	85/04/04
CK	F	Commodore Amiga	Intuition	C	6.0.192	96/11/30	HDP	D	Honeywell DPS8	GCOS/TSS	B	1.1	85/03/21
CP	A	Compupro IF 3/4	CPM80 2.2	LASM	4.11	91/04/23	HG	D	Honeywell DPS8	GCOS3.8	C	3.0	84/10/05
CVK	D	Computervision	CGOS	Fortran S	1.21	87/03/04	HC	D	Honeywell DPS90	CP-6	PL/6	1.00	88/01/28
PER	D	Concurrent 3200	OS/32 MT72	Fortran	1.0	87/03/04	HCP	D	Honeywell DPS90	CP-6	Pascal	-	85/04/04
CK	F	Concurrent 3200	Xelos SV	C	6.0.192	96/11/30	HL6	C	Honeywell L6/10	MS-DOS	MASM	1.20A	84/10/05
CK	F	Concurrent 6xxx	RTU 4.5,6	C	6.0.192	96/11/30	HP8	C	HP86	HP-BASIC	HP BASIC	1.01	87/04/29
CK	F	Convergent	CTX	C	6.0.192	96/11/30	HP8	C	HP87	HP-BASIC	HP BASIC	1.01	87/04/29
CT	C	Convergent NGEN	CTOS	C	2.00	93/01/20	MS	A	HP95, 100	MS-DOS	MASM, C	3.15	97/09/15
CK	F	Convex	ConvexOS	C	6.0.192	96/11/30	MS	A	HP Portable Plus	MS-DOS	MASM	3.10	91/03/18
CP	A	CPT-85xx	CPM80 2.2	LASM	4.11	91/04/23	MS	A	HP-110	MS-DOS	MASM	3.10	91/03/18
CK	F	Cray C90	UNICOS 6,7,8	C	6.0.192	96/11/30	CP	A	HP-125	CPM80 2.2	LASM	4.11	91/04/23
CK	F	Cray X/MP, Y/MP	UNICOS 6,7,8	C	6.0.192	96/11/30	MS	A	HP-150	MS-DOS	MASM	3.10	91/03/18
CR	D	Cray-1,Cray-XMP	CTSS	Fortran-77	-	85/02/08	HP	D	HP-1000	RTE6, RTEA	F77 & Asm	1.99D	90/01/09
CK	F	Cray-2,Cray-3	CSOS	C	6.0.192	96/11/30	HP2	C	HP-264x	-	8080ASM	1.2	87/10/09
CP	A	Cromemco	CPM80 2.2	LASM	4.11	91/04/23	HP3	D	HP-3000	MPE	SPL	-	94/07/20
CN8	C	Daisy PCI	CCPM86	ASM86	2.9	86/04/10	HP3	D	HP-3000	MPE	C	-	94/07/20
CK	F	DEC Alpha	OpenVMS	C	6.0.192	96/11/30	CK	F	HP-9000	HP-UX	C	6.0.192	96/11/30
CK	F	DEC Alpha	OSF/1	C	6.0.192	96/11/30	HPB	C	HP-9000/200/300	HP-BASIC	HP BASIC	1.02	89/06/21
-	-	DEC Alpha	Windows NT	C	1.1.15	97/09/30	CK	F	HP-9836CU	HP-UX	C	6.0.192	96/11/30
K12	D	DEC PDP-8	OS/8 Fam.	PAL-8	10g	90/09/13	HP9	C	HP-9845	BASIC/SAM	HP BASIC	1.00	86/10/07

Prefix	Tape	Machine	Operating System	Program Language	Program Version	Released yy/mm/dd	Prefix	Tape	Machine	Operating System	Program Language	Program Version	Released yy/mm/dd
HP9	C	HP-98xx	UCSD p-Sys	HP Pascal	-	84/01/20	MS	A	PC/8088 & higher	MS-DOS	MASM, C	3.15	97/09/15
IK	B	IBM 370 Series	CICS/MVS	Assembler	4.3.2	97/12/16	CK	F	PC/286 & higher	Microport	C	6.0.192	96/11/30
IK	B	IBM 370 Series	CICS/VSE	Assembler	4.3.2	97/12/16	CK	F	PC/286 & higher	QNX 4.2x	C	6.0.192	96/11/30
MT2	D	IBM 370 Series	MTS	PLUS	-	86/11/03	CK	F	PC/286 & higher	SCO Xenix	C	6.0.192	96/11/30
MTS	D	IBM 370 Series	MTS	Assembler	-	84/01/06	CK	F	PC/286 & higher	Trusted Xenix	C	6.0.192	96/11/30
MTS	D	IBM 370 Series	MTS	Assembler	1.0	84/01/06	CK	F	PC/386 & higher	386BSD	C	6.0.192	96/11/30
IK	B	IBM 370 Series	MUSIC	Assembler	4.2.3	92/09/30	CK	F	PC/386 & higher	BSDI/386	C	6.0.192	96/11/30
GUT	D	IBM 370 Series	MVS/GUTS	Assembler	-	85/04/05	CK	F	PC/386 & higher	Coherent	C	6.0.192	96/11/30
IK	B	IBM 370 Series	MVS/ROSCOE	Assembler	4.3.3	99/02/12	CK	F	PC/386 & higher	ESIX SVR3	C	6.0.192	96/11/30
IK	B	IBM 370 Series	MVS/TSO	Assembler	4.3.3	99/02/12	CK	F	PC/386 & higher	FreeBSD	C	6.0.192	96/11/30
IK	B	IBM 370 Series	MVSXA/TSOE	Assembler	4.3.3	99/02/12	CK	F	PC/386 & higher	Interactive	C	6.0.192	96/11/30
IK	B	IBM 370 Series	VM/CMS	Assembler	4.3.2	97/12/16	CK	F	PC/386 & higher	Linux/386	C	6.0.192	96/11/30
MS	A	IBM compatibles	MS-DOS	MASM, C	3.15	97/09/15	CK	F	PC/386 & higher	Lynx	C	6.0.192	96/11/30
CS9	C	IBM CS9000	CSOS	Pascal	-	92/09/10	CK	F	PC/386 & higher	MINIX/386	C	6.0.192	96/11/30
CK	F	IBM Mainframe	AIX	C	6.0.192	96/11/30	CK	F	PC/386 & higher	MtXinuMach	C	6.0.192	96/11/30
UCI	C	IBM PC	UCSD p-Sys	UCSD Pascal	0.1	84/05/23	CK	F	PC/386 & higher	NetBSD	C	6.0.192	96/11/30
CC	C	IBM PC + clones	ChineseDOS	MASM	2.32A	91/09/09	CK	F	PC/486 & higher	NeXTSTEP	C	6.0.192	96/11/30
MX	B	IBM PC family	MINIX 1.0	C	4D 61	88/05/17	CK	F	PC/386 & higher	OS/2 1.x 16-bit	C	5A191	95/03/21
TP4	C	IBM PC family	PC-DOS	Turbo Pascal	1.1a	88/04/15	-	-	PC/386 & higher	OS/2 2.0	C	1.1.15	97/09/30
QK	C	IBM PC,XT,AT	PC-DOS	Turbo Pascal	3.1	88/12/14	-	-	PC/386 & higher	OS/2 Warp	C	1.1.15	97/09/30
QNX	C	IBM PC,XT,AT	QNX 1.x	C	1.0	85/09/23	CK	F	PC/386 & higher	SCO ODT	C	6.0.192	96/11/30
MS	A	IBM PC family	PC-DOS	MASM, C	3.15	97/09/15	CK	F	PC/386 & higher	SCO UNIX	C	6.0.192	96/11/30
MS	A	IBM PC family	Windows 3.x	MASM, C	3.15	97/09/15	CK	F	PC/386 & higher	Solaris	C	6.0.192	96/11/30
-	-	IBM PC family	Windows 95/98	C	1.1.17	98/06/18	CK	F	PC/386 & higher	UnixWare	C	6.0.192	96/11/30
-	-	IBM PC family	Windows NT	C	1.1.17	98/06/18	UCP	C	Pecan	UCSD p-Sys	Pascal	1.1	90/08/05
-	-	IBM PowerPC	Windows NT	C	1.1.17	98/06/18	PER	D	PerkinElmer 3200	OS/32 MT72	Fortran	1.0	87/03/04
PIC	D	IBM PC/XT,AT	PICK	DATA/BASIC	0.3	89/08/21	CK	F	PerkinElmer 3200	Xelos SV	C	6.0.192	96/11/30
CK	F	IBM PS/2	AIX 1.2	C	6.0.192	96/11/30	PE7	D	PerkinElmer 7000	IDRIS	C	1.1.0	86/12/08
MS	A	IBM PS/2 Series	PC-DOS	MASM, C	3.15	97/09/15	CP	A	PMC Micromate101	CPM80 2.2	LASM	4.11	91/04/23
CK	F	IBM RS/6000	AIX 3.x	C	6.0.192	96/11/30	PRI	D	Prime	PRIMOS R2x	PL/P	8.15	93/04/19
CK	F	IBM RT PC	4.3BSDReno	C	6.0.192	96/11/30	CK	F	Pyramid 9810x(T)	OSx	C	6.0.192	96/11/30
CK	F	IBM RT PC	ACIS 4.x	C	6.0.192	96/11/30	CP	A	Rair Black Box	CPM80 2.2	LASM	4.11	91/04/23
CK	F	IBM RT PC	AIX 2.x	C	6.0.192	96/11/30	CP	A	RM380ZF, ZM	CPM80 2.2	LASM	4.11	91/04/23
VME	D	ICL 2900	VME	S3	1.01	87/07/14	RM	C	RML 480Z	ROS 2.x	C	1.22	86/11/03
CK	F	ICL DRS3000,6000	DRS/NX	C	6.0.192	96/11/30	RM	C	RML Nimbus	MS-DOS?	C	1.22	86/11/03
CN8	C	ICL PC 2,Quattro	CCPM86	ASM86	2.9	87/05/17	CP	A	Sanyo 1100 MBC	CPM80 2.2	LASM	4.11	91/04/23
PQ	C	ICL/Perq	Perq OS	Pascal	2.0	84/12/04	MS	A	Sanyo 550 MBC	MS-DOS	MASM	2.30	88/05/16
MS	A	Intel 300 Series	iRMX-286	MASM/ASM862.30	88/05/02		CP	A	ScreenTyper	CPM80 2.2	LASM	4.11	91/04/23
CK	F	Intel 302	Bell Tech	C	6.0.192	96/11/30	CK	F	Sequent	DYNIX(ptx)	C	6.0.192	96/11/30
I51	C	Intel 8051	-	Assembler	-	96/06/27	CK	F	Siemens Nixdorf	SINIX	C	6.0.192	96/11/30
RMX	C	Intel 86,286	RMX 1.0	PL/M	1.0	85/10/25	CK	F	Silicon Graphics	IRIX	C	6.0.192	96/11/30
I86	C	Intel 86/380	iRMX-86	PL/M	2.3	85/09/23	QL2	C	Sinclair QL	QDOS	BCPL	-	87/05/15
IRM	C	Intel 86/380	iRMX-86	PL/M	2.41	87/03/04	QLK	C	Sinclair QL	QDOS	C	1.10	87/05/15
MD	C	Intel MDS	ISIS	PL/M	-	87/04/06	CK	F	Solbourne	OS/MP	C	6.0.192	96/11/30
CK	F	Intergraph Clipper	CLIX	C	6.0.192	96/11/30	CK	F	Sony NEWS	NEWS-OS	C	6.0.192	96/11/30
CP	A	Ithaca Intersys	CPM80 2.2	LASM	4.11	91/04/23	UN	D	Sperry 1100	Exec	Assembler	2.5	86/09/03
UCJ	C	J LoebI Magiscan2	UCSD p-Sys	UCSD Pascal	-	86/06/23	UN	D	Sperry 1100	Exec	NO SC Pascal	2.0	84/10/08
CP	A	Kaypro II	CPM80 2.2	LASM	4.11	91/04/23	CK	F	Sperry 5000	UNIX SVR3	C	6.0.192	96/11/30
CP	A	Kaypro 4	CPM80 2.2	LASM	4.11	91/04/23	CK	F	Sperry 5000	UTS V	C	6.0.192	96/11/30
M2	C	Lilith Worksta.	Medos	Modula-2	1.0	87/05/17	SP9	D	Sperry 90/60	VS9	Assembler	-	86/04/09
LM	C	LMI Lispmachine	LMI-Lambda	ZETALISP	1.0	85/09/12	CK	F	Stardent 1520	UNIX SVR3	C	6.0.192	96/11/30
CP	A	Lobo Max-80	CPM80 2.2	LASM	4.11	91/04/23	CK	F	Stratus XA 680x0	VOS	C	6.0.192	97/03/07
LUX	C	Luxor ABC-80	ABC-DOS	Z80 Asm	1.0	90/07/13	CK	F	Stratus XA i860	VOS	C	6.0.192	97/03/07
LUX	C	Luxor ABC-80x	ABC-DOS	ABC-BASIC-II	4.11	90/07/13	CK	F	Stratus XA Jetta	VOS	C	6.0.192	97/03/07
CK	F	Luxor ABC-9000	DNIX	C	6.0.192	96/11/30	CK	F	Sun, all models	Solaris 1,2	C	6.0.192	96/11/30
MBF	D	MAI Basic Four	BOSS/V.S	BASIC BB86	1.0	88/04/11	CK	F	Sun, all models	SunOS 3,4,5	C	6.0.192	96/11/30
CK	F	Masscomp	RTU 4/0+	C	6.0.192	96/11/30	CP	A	Superbrain	CPM80 2.2	LASM	4.11	91/04/23
CP	A	Merlin M2215	CPM80 2.2	LASM	4.11	91/04/23	LM	C	Symbolics 36xx	Lisp	ZETALISP	1.0	85/09/12
PIC	D	MicroDataREALITY	PICK	DATA/BASIC	0.3	89/08/21	TAN	D	Tandem Nonstop	Guardian	TAL	2.0	97/11/13
CP	A	Micromint SB180	CPM80 2.2	LASM	4.11	91/04/23	TA1	C	Tandy 100	Tandy 100	BASIC	1984	90/10/07
CK	F	MIPS System	RISC/os	C	6.0.192	96/11/30	TA2	C	Tandy 2000	MS-DOS	MASM	1.20	84/02/16
CK	F	Modcomp	Real/IX	C	6.0.192	96/11/30	CK	F	Tandy Model 16	Xenix 3.0	C	6.0.192	96/11/30
MOD	D	Modcomp Classic	MAX IV	Fortran/ASM	A.0	87/01/26	C86	C	Tektronix 4170	CPM86	ASM86	2.9	84/12/03
CP	A	MorrowDecisionI	CPM80 2.2	LASM	4.11	91/04/23	CK	F	Tektronix 4xxx	UTek	C	6.0.192	96/11/30
CP	A	MorrowMicroDecl	CPM80 2.2	LASM	4.11	91/04/23	CK	F	Tektronix 6130	UTek	C	6.0.192	96/11/30
FL	C	Motorola 6809	Flex	Assembler	-	86/02/14	CK	F	Tektronix XD88	UTek	C	6.0.192	96/11/30
FL2	C	Motorola 6809	FLEX-09	C	3.0	87/03/04	CP	A	Telcon Zorba	CPM80 2.2	LASM	4.11	91/04/23
CK	F	Motorola Delta	SV/68 R3x	C	6.0.192	96/11/30	CP	A	Teletex	CPM80 2.2	LASM	4.11	91/04/23
CK	F	Motorola Delta	SV/88 R3,4	C	6.0.192	96/11/30	UCT	C	Terak	UCSD p-Sys	UCSD Pascal	-	84/04/11
NCR	D	NCR 9800-4	VE4.0	C	4E 72	90/07/13	TI9	D	TI 990	DX10	Pascal	1.0	87/07/10
CP	A	NCR Decisionmate	CPM80 2.2	LASM	4.11	91/04/23	EXP	C	TI Explorer	LISP	Common Lisp	1.0	87/03/04
CK	F	NCR System 3000	UNIX SVR4	C	6.0.192	96/11/30	MS	A	TI Professional	MS-DOS	MASM	2.29	86/05/28
CK	F	NCR Tower 1632	UNIX SVR2	C	6.0.192	96/11/30	CP	A	Torch Unicorn 5	CPM80 2.2	LASM	4.11	91/04/23
CK	F	NCR Tower 32	UNIX SVR3	C	6.0.192	96/11/30	CK	F	Tri Star Flash	ESIX	C	6.0.192	96/11/30
C86	C	NEC APC	CPM86	ASM86	2.9	84/12/03	CO	C	TRS-80 CoCo	DOS	EDTASM	1.1	85/03/21
MS	A	NEC APC	MS-DOS	MASM	2.29	86/05/28	OS9	C	TRS-80 CoCo	OS-9	C	1.5	85/09/20
MS	A	NEC APC III	MS-DOS	MASM	2.30	88/03/21	TRS	C	TRS-80 I and III	TRSDOS	M80	3.5	84/08/08
MS	A	NEC PC9801	MS-DOS	MASM	3.10	91/04/18	CP	A	TRS-80 Model II	CPM80 2.25	LASM	4.11	91/04/23
CK	F	NeXT	NeXTSTEP	C	6.0.192	96/11/30	TR2	C	TRS-80 Model II	TRSDOS	Assembler	1.2	87/03/26
NIC	C	Nicolet 80	Demon	Assembler	1.76	94/07/01	CP	A	TRS-80 Model 4	CPM80 2.2	LASM	4.11	91/04/23
CK	F	Nixdorf Targon31	TOS	C	6.0.192	96/11/30	M4	C	TRS-80 Model 4	TRSDOS	ASM	5.2	86/10/29
CP	A	Nokia MikroMikko	CPM80 2.2	LASM	4.11	91/04/23	UM	C	UMicro U-MAN1000	CP/M-68K	C and Asm	-	86/04/10
ND	D	Norsk Data 10...	SintranIII	ND-Pascal	3.1b	85/06/24	CK	F	UNISYS 5000	UNIX SVR3	C	6.0.192	96/11/30
CK	F	Norsk Data 88/17	UNIX SV/88	C	6.0.192	96/11/30	CK	F	UNISYS 5000	UTS V	C	6.0.192	96/11/30
CP	A	Northstar	CPM80 2.2	LASM	4.11	91/04/23	UAS	D	UNISYS A-Series	MCS/AS	Algol	1.041	90/07/13
CP	A	Ohio Scientific	CPM80 2.2	LASM	4.11	91/04/23	USY	D	UNISYS A-Series	MCS/AS	Algol	0.0	94/07/20
CK	F	OkiStation 7300	UNIX SVR4	C	6.0.192								

## KERMIT DISTRIBUTION MEDIA

Kermit software is distributed by Columbia University on magnetic tape, tape cartridges, and certain diskette formats. **Kermit 95** is available only in shrink-wrapped and site- or bulk-licensed forms.

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, along with suitable decoding software, if needed). Diskettes have no source code except when noted on the order form.

Kermit software programs are collected on six reel-to-reel 9-track tapes: A, B, C, D, E, and F. 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 F has C-Kermit.** Tape B has the IBM mainframe and DEC PDP-11 versions. Tape C has other miscellaneous microcomputer, PC, and workstation versions. Tape D has other miscellaneous minicomputer and mainframe versions. Tape E contains machine-readable copies of various manuals, articles, the Kermit Digest, newsletters, a character-set-aware text-to-PostScript printing utility, and tape utilities. 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 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 or VAXstation. VMS BACKUP format. Also readable by TZ30, TK70, and compatible drives.
- 8MM:** EXABYTE 8-millimeter cassette, UNIX TAR format.
- DAT:** 4mm Digital Audio Cassette (DDS1), UNIX TAR format.

## IMPORTANT C-KERMIT INFORMATION

All the above tape and cartridge formats, when ordered in the *C-Kermit* section of the order form (next page), include printably encoded binaries for the AOS/VS, VOS, Amiga, and Atari versions of C-Kermit. The 9-track ANSI format also includes hex-format binaries for all VMS configurations. The C-Kermit TK50 includes all VMS binaries. A complete set of UNIX binaries is included on the C-Kermit CDROM; individual UNIX binaries are available on diskette. No UNIX binaries are included on any tape or cartridge format; if you order on these media you must build UNIX C-Kermit from source code (C compiler required).

## NEWS AND UPDATES

Our newsletter, *Kermit News*, is mailed free of charge about every year or two (or three, or more) to all our customers to bring news of Kermit software releases and developments. Ordering any Kermit material from us automatically adds you to the subscriber list. The most up-to-date product and ordering information can be found on our Web site at <http://www.columbia.edu/kermit>.

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**KERMIT 95 FOR WINDOWS 95/98, WINDOWS NT, OR OS/2**

On CD-ROM, includes *Kermit 95* user manual and *Using C-Kermit* technical reference manual, **\$54.00:**

For **Windows 95/98, Windows NT** or **OS/2** on Intel PC and **Windows NT** on DEC Alpha ..... \$ \_\_\_\_\_

Contact us about quantity discounts and bulk or site licensing.

**MS-DOS KERMIT 3.14 FOR DOS AND WINDOWS 3.x**

IBM PC MS-DOS Kermit software on 3.5-inch diskette with book *Using MS-DOS Kermit*, **\$41.95:** ..... \$ \_\_\_\_\_

MS-DOS IBM PC Kermit source code on 3.5-inch diskettes, **\$60.00** ..... \$ \_\_\_\_\_

Please visit <http://www.columbia.edu/kermit/mskermit.html> for the 3.15 update.

**C-KERMIT 6.0.** Each format includes the book, *Using C-Kermit*, second edition.

C-Kermit 6.0 on CDROM, includes sources and binaries

ISO 9660 format, **\$54.00** ..... \$ \_\_\_\_\_

Tapes and Cartridges, includes source code (Tape F) – Please read IMPORTANT C-KERMIT INFO on previous page.

9-Track Tape, **\$135.00**, Format:  ANSI (includes VMS “hex” binaries),  UNIX TAR ..... \$ \_\_\_\_\_

TK50 cartridge, DEC VMS / OpenVMS BACKUP format, includes VMS binaries, **\$185.00** ..... \$ \_\_\_\_\_

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C-Kermit source code on 3.5-inch DOS-format diskettes, **\$100.00:** ..... \$ \_\_\_\_\_

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Others: custom-made, **\$75.00** – Contact us for availability.

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Tape B:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Tape D:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	See above for C-Kermit . . .			

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*Macintosh Kermit* 0.991(190) or latest prerelease, 3.5-inch, **\$25.00** ..... \$ \_\_\_\_\_

**LITERATURE**

Book: *Using MS-DOS Kermit*, second edition: **\$41.95** ..... \$ \_\_\_\_\_

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Book: *Kermit, A File Transfer Protocol* (Kermit protocol specification): **\$39.95** ..... \$ \_\_\_\_\_

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