

## 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, 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 script programming language to let you automate any connection task.

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### Kermit 95 for Windows 95 and Windows NT

Kermit 95, new 32-bit native full-function communications software for Windows 95 and Windows NT 3.51 or later, professionally published and shrink-wrapped. Serial communication—direct and dialed—plus TCP/IP (Telnet and Rlogin) over any 32-bit Winsock stack, plus Meridian Technology SuperLAT. Kermit and X-Y-ZMODEM file transfer too. Kermit and ZMODEM transfers both include autownload and recovery features. VT320/220/102/100/52 and ANSI (BBS) terminal emulation with key mapping, a Compose key, screen rollback, colors, mouse functions, printer control, and character-set translation. A directory preloaded with hundreds of Internet and dialup entries, and a "host mode" that lets you give people Telnet or dialup access to your PC.

Aggressively-priced academic site licenses and bulk right-to-copy licenses are available. Contact us for further information.

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### MS-DOS Kermit 3.14 for DOS and Windows 3.x

MS-DOS Kermit 3.14 is 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, IBM NETBIOS, IBM LANACS, Novell NASI/NACS, Novell LWP TELAPI, 3COM BAPI, Beame & Whiteside TCP/IP, Intel OpenNET, Ungermann Bass Net/One, Interconnections TES, Meridian SuperLAT, as well as BIOS Interrupt 14 support for externally-established network connections. 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.

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### C-Kermit 5A for UNIX, VMS, OS/2, . . .

C-Kermit 5A(190), the world's most portable communications software, is available for UNIX, Digital VMS, IBM OS/2, 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, OS/2, VOS, AOS/VS, and OS-9 versions, a powerful script programming language, and international character-set conversion for both file transfer and terminal connection.

**OS/2 C-Kermit** is full-function 32-bit native communication software for OS/2, using serial, TCP/IP, LAT, NETBIOS, and Named Pipe connections consistently for ANSI and VT220 terminal emulation, key mapping, screen rollback, colors, and printing; international character-set conversion, script programming, and extensive file transfer and management capabilities.

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### IBM Mainframe Kermit 4.3.1

IBM mainframe Kermit Version 4.3.1 for VM/CMS (including ESA, HPO, IS, SP, and XA), MVS/TSO (including ROSCOE), CICS, and MUSIC 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. The program is distributed in IBM 370 assembly language source-code form with complete instructions for building and using.

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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	5A190	94/10/04	K11	B	DEC PDP-11	RSTS/E	Macro-11	3.60	89/06/13
CK	F	various	POSIX	C	5A190	94/10/04	K11	B	DEC PDP-11	RSX-11/M	Macro-11	3.60	89/06/13
CK	F	various	UNIX Sys III	C	5A190	94/10/04	K11	B	DEC PDP-11	RSX-11/M+	Macro-11	3.60	89/06/13
CK	F	various	UNIX Sys V R2C	C	5A190	94/10/04	KRT	B	DEC PDP-11	RT-11	Macro-11	3.62	93/09/22
CK	F	various	UNIX Sys V R3C	C	5A190	94/10/04	KRT	B	DEC PDP-11	TSX+	Macro-11	3.62	93/09/22
CK	F	various	UNIX Sys V R4C	C	5A190	94/10/04	K12	D	DEC PDP-12	OS/12	PAL-8	10g	90/09/13
EM	B	various	EMACS	ELISP	1.4	94/06/04	K11	B	DEC Pro-3xx	P/OS	Macro-11	3.60	89/06/13
TRI	C	various	TRIPOS	BCPL	-	87/07/10	KRT	B	DEC Pro-3xx	Pro/RT	Macro-11	3.60	93/09/22
TD	C	various	TurboDOS	ASM	-	92/10/29	C86	C	DEC Rainbow	CPM86	ASM86	2.9	84/12/03
FLX	C	various 6809	Flex 9	6809 Asm	-	86/04/17	MS	A	DEC Rainbow	MS-DOS	MASM	3.10	91/03/18
UF	C	various 6809	UniFLEX	C	1.5	93/08/23	QNX	C	DEC Rainbow	QNX 1.x	C	1.0	85/09/23
OS9	C	various 6809	OS-9	C	1.5	85/09/20	CK	F	DEC VAX	4.xBSD	C	5A190	94/10/04
CK	F	various 68000	OS-9	C	5A190	94/10/04	PIC	D	DEC VAX	PICK	DATA/BASIC	0.3	89/08/21
CP	A	various 808x	CPM80 2.2	LASM	4.11	91/04/23	CK	F	DEC VAX	(Open)VMS	C	5A190	94/10/04
CP	A	various 808x	CPM80 3.0	LASM	4.11	91/04/23	CK	F	DEC VAX	ULTRIX	C	5A190	94/10/04
MS	A	various 80x86	MS-DOS	MASM	3.14	95/01/18	CK	F	DEC VAX	UNIX SVR3	C	5A190	94/10/04
CP	A	Access Matrix	CPM80 2.2	LASM	4.11	91/04/23	MS	A	DEC VAXmate	MS-DOS	MASM, C	3.14	95/01/18
AR	C	Acorn Archimedes	Arthur	C	1.3	93/05/01	CK	F	DEC VAXstation	(Open)VMS	C	5A190	94/10/04
AR	C	Acorn Archimedes	RISC_OS	C	1.3	93/05/01	CK	F	DEC VAXstation	ULTRIX	C	5A190	94/10/04
BBC	C	Acorn BBC B	OS1.20	6502 Assem.	1.45	87/05/19	CP	A	DEC VT-180 Robin	CPM80 2.2	LASM	4.11	91/04/23
BBC	C	Acorn BBC B+,128	OS 2	6502 Assem.	1.45	87/05/19	K12	D	DEC VT-78	OS/8 Fam.	PAL-8	10g	90/09/13
CP	A	Acorn BBC	CPM80 2.2	LASM	4.11	91/04/23	K12	D	DEC VT-278	OS/78 Fam.	PAL-8	10g	90/09/13
BBC	C	Acorn Compact	OS 3	6502 Assem.	1.45	87/05/19	K12	D	DECmate I	OS/78 V4	PAL-8	10g	90/09/13
BBC	C	Acorn Compact	Panos	C	4C.57	87/07/14	K12	D	DECmate II,III	OS/278 V2	PAL-8	10g	90/09/13
BBC	C	Acorn Master 128	OS 3	6502 Assem.	1.45	87/05/19	CP	A	DECmate-II,III	CPM80 2.2	LASM	4.11	91/04/23
AC	C	Acorn Workstation	PANOS	C	-	87/07/13	MS	A	DECmate-II,III	MS-DOS	MASM	2.29	86/05/28
MS	A	ACT Apricot	MS-DOS	MASM	2.30	88/05/12	CK	F	DECstation	MACH	C	5A190	94/10/04
CP	A	Action Discovery	CPM80 2.2	LASM	4.11	91/04/23	CK	F	DECstation	OSF/1	C	5A190	94/10/04
AM	C	Alpha Micro 68K	AMOS/xx	AM68K Asm	2.0	94/03/21	CK	F	DECstation	ULTRIX	C	5A190	94/10/04
CK	F	Altos ACS68000	UNIX III.V	C	5A190	94/10/04	K10	D	DECsystem-10	TOPS-10	Bliss, Macro	3.134	89/09/18
CK	F	Amdahl Mainframe	UNIX SVR2	C	5A190	94/10/04	K20	D	DECSYSTEM-20	TOPS-20	MACRO-20	4.2	88/01/25
CK	F	Amdahl Mainframe	UTSV	C	5A190	94/10/04	CK	F	Dell PC	Dell UNIX	C	5A190	94/10/04
IK	B	Amdahl Mainframe	Also see	IBM 370	-	-	CP	A	Delphi 100	CPM80 2.2	LASM	4.11	91/04/23
CP	A	Amstrad	CPM80 2.2	LASM	4.11	91/04/23	RD2	D	DG 800	RDOS	BASIC	-	87/03/26
APO	C	Apollo	Aegis	Pascal	2.9	89/05/07	CK	F	DG AViON	DG/UX	C	5A190	94/10/04
CK	F	Apollo	Aegis 9.x	C	5A190	94/10/04	AOS	D	DG MV	AOS,AOS/VS	SP/Pascal	-	85/02/08
CK	F	Apollo/HP	SR10.0	C	5A190	94/10/04	CK	F	DG MV	AOS/VS	C	5A190	94/10/04
CP	A	Apple II	CPM80 2.2	LASM	4.11	91/04/23	CK	F	DG MV	AOS/VS-II	C	5A190	94/10/04
APP	A	Apple II	DOS,ProDOS	CROSS	3.87	90/12/05	DGM	D	DG MV	AOS/VSMVUXC	-	-	85/11/27
UCA	C	Apple II	UCSD p-Sys	UCSD Pascal	1.0	86/04/08	RDO	D	DG Nova	RDOS	Fortran-5	-	84/09/14
CK	F	Apple Macintosh	AU/X	C	5A190	94/10/04	AOS	D	DG S250	AOS	Fortran-5	-	84/09/14
CK	F	Apple Macintosh	Mac OS	MPW C	0991	94/08/16	CK	F	DIAB DS90	DNIX	C	5A190	94/10/04
CK	F	Apple Macintosh	MachTen	C	5A190	94/10/04	CK	F	Dolphin Triton	UNIX SV/88	C	5A190	94/10/04
CN8	C	Argos Pro PC	CCPM86	ASM86	2.9	86/04/10	CK	F	Encore	UMAX 4.x	C	5A190	94/10/04
CK	F	AT&T 3B Series	UNIX SVR3	C	5A190	94/10/04	CK	F	Encore	UMAX V	C	5A190	94/10/04
CK	F	AT&T 6300 PLUS	UNIX SVR3	C	5A190	94/10/04	CP	A	Epson PX8	CPM80 2.2	LASM	4.11	91/04/23
CK	F	AT&T 6386 WGS	UNIX SVR3	C	5A190	94/10/04	LUX	C	FACIT DTC/DTC2	ABC-DOS	ABC-BASIC-II	4.11	90/07/13
CK	F	AT&T 7300 UNIXPC	UNIX Sys V	C	5A190	94/10/04	CN8	C	Fallon 2000	CCPM86	ASM86	2.9	86/04/10
ATA	C	Atari Home Comp.	DOS	Action!	-	84/01/09	CP	A	Ferguson BigB.I	CPM80 2.2	LASM	4.11	91/04/23
UCP	C	Atari MEGA ST2	UCSD p-Sys	Pascal	1.1	90/08/05	CK	F	Fortune 32:16	For:Pro2.1	C	5A190	94/10/04
CK	F	Atari ST	GEMDOS	C	5A189	93/06/30	CK	F	FPS 500	FPX 4.1	C	5A190	94/10/04
CK	F	Atari ST	MINIX ST	C	5A190	94/10/04	CN8	C	FTS PCI	CCPM86	ASM86	2.9	86/04/10
CP	A	BigBoard II	CPM80 2.2	LASM	4.11	91/04/23	C86	C	Fujitsu Micro16s	CPM86	ASM86	2.9	85/09/23
B78	D	Burroughs A-Series	MCS/AS	Algol	1.019	86/09/11	C86	C	Future FX20/FX30	CPM86	ASM86	2.9	86/04/10
CT	C	Burroughs B20	BTOS	C	2.00	93/01/20	GEC	D	GEC 4000 Series	OS4000	MUM/SERC	3.9	89/05/07
B68	D	Burroughs B6800	CANDE	Algol	-	85/02/15	OS9	C	Gimex III	OS-9	C	1.5	85/09/20
B78	D	Burroughs B7800	Burroughs	Algol	1.019	86/09/11	GM	D	Gould/SEL 32	MPX-32	Fortran 77+	2.3	86/12/10
B79	D	Burroughs B7900	Burroughs	Algol	5.2	85/11/27	MS	A	GRiD Compass II	MS-DOS	MASM	3.10	91/03/18
Uxx	D	Burroughs	Also see	UNISYS	-	-	H1	D	Harris H100-1	VOS 4.1.1	Fortran-77	1.06	88/03/17
CD3	D	CDC Cyber	NOS	Fortran 5	3.4	88/05/10	H8	D	Harris 800	VOS	Pascal,Asm	-	85/02/11
CYB	D	CDC Cyber	NOS 2.2	Compass	1.0	86/04/17	CK	F	Harris NightHawk	CX/UX 6.1	C	5A190	94/10/04
NOS	D	CDC Cyber	NOS 2.4	Compass	1.30	87/05/19	CP	A	Heath H8	CPM80 2.2	LASM	4.11	91/04/23
CDC	D	CDC Cyber 170	NOS,NOS/BE	Fortran-77	2.2	84/09/07	CP	A	Heath/Zenith-89	CPM80 2.2	LASM	4.11	91/04/23
CK	F	CDC Cyber 910	IRIX	C	5A190	94/10/04	CP	A	Heath/Zenith-100	CPM85	LASM	4.11	91/04/23
CK	F	Charles River	UNOS	C	5A190	94/10/04	MS	A	Heath/Zenith-100	MS-DOS	MASM	3.14	95/01/18
CIE	C	CIE 680/XX	REGULUS	C	-	87/01/26	MU	D	Honeywell	MULTICS	PL/I	2.0h	84/09/20
CP	A	Cifer 1886	CPM80	LASM	4.11	91/04/23	HD6	D	Honeywell DPS6	GCOS6	C	2.01	91/06/03
CP	A	Comart Communicator	CPM80 2.2	LASM	4.11	91/04/23	HG	D	Honeywell DPS66	GCOS3.8	C	3.0	84/10/05
C64	C	Commodore 64	FORTH	FORTH	1.5	85/02/08	HC6	D	Honeywell DPS8	CP-6	PL/6	1.00	88/01/28
C64	C	Commodore 64/128	DOS	CROSS	2.27	92/09/30	HCP	D	Honeywell DPS8	CP-6	Pascal	-	85/04/04
CK	F	Commodore Amiga	3000UX	C	5A190	94/10/04	HDP	D	Honeywell DPS8	GCOS/TSS	B	1.1	85/03/21
CK	F	Commodore Amiga	Intuition	C	5A190	94/10/04	HG	D	Honeywell DPS8	GCOS3.8	C	3.0	84/10/05
CP	A	Compupro IF 3/4	CPM80 2.2	LASM	4.11	91/04/23	HC6	D	Honeywell DPS90	CP-6	PL/6	1.00	88/01/28
CVK	D	Computervision	CGOS	Fortran S	1.21	87/03/04	HCP	D	Honeywell DPS90	CP-6	Pascal	-	85/04/04
PER	D	Concurrent 3200	OS/32 MT72	Fortran	1.0	87/03/04	HL6	C	Honeywell L6/10	MS-DOS	MASM	1.20A	84/10/05
CK	F	Concurrent 3200	Xelos SV	C	5A190	94/10/04	HP8	C	HP86	HP-BASIC	HP BASIC	1.01	87/04/29
CK	F	Concurrent 6xxx	RTU 4,5,6	C	5A190	94/10/04	HP8	C	HP87	HP-BASIC	HP BASIC	1.01	87/04/29
CK	F	Convergent	CTIX	C	5A190	94/10/04	MS	A	HP95, 100	MS-DOS	MASM, C	3.14	95/01/18
CT	C	Convergent NGEN	CTOS	C	2.00	93/01/20	MS	A	HP Portable Plus	MS-DOS	MASM	3.10	91/03/18
CK	F	Convex	ConvexOS	C	5A190	94/10/04	MS	A	HP-110	MS-DOS	MASM	3.10	91/03/18
CP	A	CPT-85xx	CPM80 2.2	LASM	4.11	91/04/23	CP	A	HP-125	CPM80 2.2	LASM	4.11	91/04/23
CK	F	Cray C90	UNICOS 6,7,8	C	5A190	94/10/04	MS	A	HP-150	MS-DOS	MASM	3.10	91/03/18
CK	F	Cray X/MP, Y/MP	UNICOS 6,7,8	C	5A190	94/10/04	HPM	D	HP-1000	RTE6, RTEA	F77 & Asm	1.99D	90/01/09
CR	D	Cray-1,Cray-XMP	CTSS	Fortran-77	-	85/02/08	HP2	C	HP-264x	-	8080ASM	1.2	87/10/09
CK	F	Cray-2,Cray-3	CSOS	C	5A190	94/10/04	HP3	D	HP-3000	MPE	SPL	-	94/07/20
CP	A	Cromemco	CPM80 2.2	LASM	4.11	91/04/23	HP3	D	HP-3000	MPE	C	-	94/07/20
CN8	C	Daisy PC1	CCPM86	ASM86	2.9	86/04/10	CK	F	HP-9000	HP-UX	C	5A190	94/10/04
CK	F	DEC Alpha AXP	OpenVMS	C	5A190	94/10/04	HPB	C	HP-9000/200/300	HP-BASIC	HP BASIC	1.02	89/06/21
CK	F	DEC Alpha AXP	OSF/1	C	5A190	94/10/04	CK	F	HP-9836CU	HP-UX	C	5A190	94/10/04
-	-	DEC Alpha AXP	Windows NT	C	1.1.4	96/05/06	HP9	C	HP-9845	BASIC/SAM	HP BASIC	1.00	86/10/07
K12	D	DEC PDP-8	OS/8 Fam.	PAL-8	10g	90/09/13	HP9	C	HP-98xx	UCSD p-Sys	HP Pascal	-	84/01/20
CK	F	DEC PDP-11	2.1x BSD	C	5A190	94/10/04	IK	B	IBM 370 Series	CICS/MVS	Assembler	4.3.1	95/02/02
K11	B	DEC PDP-11	IAS 3.1	Macro-11	3.60	89/06/13	IK	B	IBM 370 Series	CICS/VSE	Assembler	4.3.1	95/02/02
MP	B	DEC PDP-11	MUMPS-11	MUMPS-1982	-	84/04/11	MT2	D	IBM 370 Series	MTS	PLUS	-	86/11/03

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
MTS	D	IBM 370 Series	MTS	Assembler	-	84/01/06	CK	F	PC/386 & higher	386BSD	C	5A190	94/10/04
MTS	D	IBM 370 Series	MTS	Pascal	1.0	84/01/06	CK	F	PC/386 & higher	BSDI/386	C	5A190	94/10/04
IK	B	IBM 370 Series	MUSIC	Assembler	4.2.3	92/09/30	CK	F	PC/386 & higher	Coherent	C	5A190	94/10/04
GUT	D	IBM 370 Series	MVS/GUTS	Assembler	-	85/04/05	CK	F	PC/386 & higher	ESIX SVR3	C	5A190	94/10/04
IK	B	IBM 370 Series	MVS/ROSCOE	Assembler	4.3.1	95/02/02	CK	F	PC/386 & higher	FreeBSD	C	5A190	94/10/04
IK	B	IBM 370 Series	MVS/TSO	Assembler	4.3.1	95/02/02	CK	F	PC/386 & higher	Interactive	C	5A190	94/10/04
IK	B	IBM 370 Series	MVSXA/TSOE	Assembler	4.3.1	95/02/02	CK	F	PC/386 & higher	Linux/386	C	5A190	94/10/04
IK	B	IBM 370 Series	VM/CMS	Assembler	4.3.1	95/02/02	CK	F	PC/386 & higher	Lynx	C	5A190	94/10/04
MS	A	IBM compatibles	MS-DOS	MASM, C	3.14	95/01/18	CK	F	PC/386 & higher	MINIX/386	C	5A190	94/10/04
CS9	C	IBM CS9000	CSOS	Pascal	-	92/09/10	CK	F	PC/386 & higher	MtXinuMach	C	5A190	94/10/04
CK	F	IBM Mainframe	AIX	C	5A190	94/10/04	CK	F	PC/386 & higher	NetBSD	C	5A190	94/10/04
UCI	C	IBM PC	UCSD p-Sys	UCSD Pascal	0.1	84/05/23	CK	F	PC/486 & higher	NeXTSTEP	C	5A190	94/10/04
CC	C	IBM PC + clones	ChineseDOS	MASM	2.32A	91/09/09	CK	-	PC/386 & higher	OS/2 1.x	C	5A191	95/03/21
MX	B	IBM PC family	MINIX 1.0	C	4D 61	88/05/17	CK	-	PC/386 & higher	OS/2 2.0	C	5A191	95/03/21
TP4	C	IBM PC family	PC-DOS	Turbo Pascal	1.1a	88/04/15	CK	-	PC/386 & higher	OS/2 Warp	C	5A191	95/03/21
QK	C	IBM PC,XT,AT	Turbo Pascal	3.1	88/12/14	CK	F	PC/386 & higher	SCO ODT	C	5A190	94/10/04	
QNX	C	IBM PC,XT,AT	QNX 1.x	C	1.0	85/09/23	CK	F	PC/386 & higher	SCO UNIX	C	5A190	94/10/04
MS	A	IBM PC family	PC-DOS	MASM, C	3.14	95/01/18	CK	F	PC/386 & higher	Solaris	C	5A190	94/10/04
MS	A	IBM PC family	Windows 3.x	MASM, C	3.14	95/01/18	CK	F	PC/386 & higher	UnixWare	C	5A190	94/10/04
-	-	IBM PC family	Windows 95	C	1.1.4	96/03/07	UCP	C	Pecan	UCSD p-Sys	Pascal	1.1	90/08/05
-	-	IBM PC family	Windows NT	C	1.1.4	96/03/07	PER	D	PerkinElmer 3200	OS/32 MT72	Fortran	1.0	87/03/04
-	-	IBM PowerPC	Windows NT	C	1.1.4	96/03/07	CK	F	PerkinElmer 3200	Xelos SV	C	5A190	94/10/04
PIC	D	IBM PC/XT,AT	PICK	DATA/BASIC	0.3	89/08/21	PE7	D	PerkinElmer 7000	IDRIS	C	1.1 0	86/12/08
CK	F	IBM PS/2	AIX 1.2	C	5A190	94/10/04	CP	A	PMC Micromate101	CPM80 2.2	LASM	4.11	91/04/23
MS	A	IBM PS/2 Series	PC-DOS	MASM, C	3.14	95/01/18	PRI	D	Prime	PRIMOS R2x	PL/P	8.15	93/04/19
CK	F	IBM RS/6000	AIX 3.x	C	5A190	94/10/04	CK	F	Pyramid 9810x(T)	OSx	C	5A190	94/10/04
CK	F	IBM RT PC	4.3BSDReno	C	5A190	94/10/04	CP	A	Rair Black Box	CPM80 2.2	LASM	4.11	91/04/23
CK	F	IBM RT PC	ACIS 4.x	C	5A190	94/10/04	CP	A	RM380ZF, ZM	CPM80 2.2	LASM	4.11	91/04/23
CK	F	IBM RT PC	AIX 2.x	C	5A190	94/10/04	RM	C	RML 480Z	ROS 2.x	C	1.22	86/11/03
VME	D	ICL 2900	VME	S3	1.01	87/07/14	RM	C	RML Nimbus	MS-DOS?	C	1.22	86/11/03
CK	F	ICL DRS3000,6000	DRS/NX	C	5A190	94/10/04	CP	A	Sanyo 1100 MBC	CPM80 2.2	LASM	4.11	91/04/23
CN8	C	ICL PC 2,Quattro	CCPM86	ASM86	2.9	87/05/17	MS	A	Sanyo 550 MBC	MS-DOS	MASM	2.30	88/05/16
PQ	C	ICL/Perq	Perq OS	Pascal	2.0	84/12/04	CP	A	ScreenTyper	CPM80 2.2	LASM	4.11	91/04/23
MS	A	Intel 300 Series	iRMX-286	MASM/ASM86	3.20	88/05/02	CK	F	Sequent	DYNIX(ptx)	C	5A190	94/10/04
CK	F	Intel 302	Bell Tech	C	5A190	94/10/04	CK	F	Silicon Graphics	IRIX	C	5A190	94/10/04
RMX	C	Intel 86,286	RMX 1.0	PL/M	1.0	85/10/25	QL2	C	Sinclair QL	QDOS	BCPL	-	87/05/15
I86	C	Intel 86/380	iRMX-86	PL/M	2.3	85/09/23	QLK	C	Sinclair QL	QDOS	C	1.10	87/05/15
IRM	C	Intel 86/380	iRMX-86	PL/M	2.41	87/03/04	CK	F	Solbourne	OS/MP	C	5A190	94/10/04
MD	C	Intel MDS	ISIS	PL/M	-	87/04/06	CK	F	Sony NEWS	NEWS-OS	C	5A190	94/10/04
CK	F	Intergraph Clipper	CLIX	C	5A190	94/10/04	UN	D	Sperry 1100	Exec	Assembler	2.5	86/09/03
CP	A	Ithaca Intersys	CPM80 2.2	LASM	4.11	91/04/23	UN	D	Sperry 1100	Exec	NOSC Pascal	2.0	84/10/08
UCJ	C	J Loeb1 Magiscan2	UCSD p-Sys	UCSD Pascal	-	86/06/23	CK	F	Sperry 5000	UNIX SVR3	C	5A190	94/10/04
CP	A	Kaypro II	CPM80 2.2	LASM	4.11	91/04/23	CK	F	Sperry 5000	UTS V	C	5A190	94/10/04
CP	A	Kaypro 4	CPM80 2.2	LASM	4.11	91/04/23	SP9	D	Sperry 90/60	VS9	Assembler	-	86/04/09
M2	C	Lilith Worksta.	Medos	Modula-2	1.0	87/05/17	CK	F	Stardent 1520	UNIX SVR3	C	5A190	94/10/04
LM	C	LMI Lispmachine	LMI-Lambda	ZETALISP	1.0	85/09/12	CK	F	Sun, all models	Solaris 1.2	C	5A190	94/10/04
CP	A	Lobo Max-80	CPM80 2.2	LASM	4.11	91/04/23	CK	F	Sun, all models	SunOS 3.4,5	C	5A190	94/10/04
LUX	C	Luxor ABC-80	ABC-DOS	Z80 Asm	1.0	90/07/13	CP	A	Superbrain	CPM80 2.2	LASM	4.11	91/04/23
LUX	C	Luxor ABC-80x	ABC-DOS	ABC-BASIC-II	4.11	90/07/13	LM	C	Symbolics 36xx	Lisp	ZETALISP	1.0	85/09/12
CK	F	Luxor ABC-9000	DNIX	C	5A190	94/10/04	TAN	D	Tandem Nonstop	Guardian	TAL	1.0	86/04/08
MBF	D	MAI Basic Four	BOSS/VS	BASIC BB86	1.0	88/04/11	TA1	C	Tandy 100	Tandy 100	BASIC	1984	90/10/07
CK	F	Masscomp	RTU 4.0+	C	5A190	94/10/04	TA2	C	Tandy 2000	MS-DOS	MASM	1.20	84/02/16
CP	A	Merlin M2215	CPM80 2.2	LASM	4.11	91/04/23	CK	F	Tandy Model 16	Xenix 3.0	C	5A190	94/10/04
PIC	D	MicroDataREALITY	PICK	DATA/BASIC	0.3	89/08/21	C86	C	Tektronix 4170	CPM86	ASM86	2.9	84/12/03
CP	A	Micromint SB180	CPM80 2.2	LASM	4.11	91/04/23	CK	F	Tektronix 4xxx	UTek	C	5A190	94/10/04
CK	F	MIPS System	RISC/os	C	5A190	94/10/04	CK	F	Tektronix 6130	UTek	C	5A190	94/10/04
CK	F	Modcomp	Real/ix	C	5A190	94/10/04	CK	F	Tektronix XD88	UTek	C	5A190	94/10/04
MOD	D	Modcomp Classic	MAX IV	Fortran/ASM	A.0	87/01/26	CP	A	Tecon Zorba	CPM80 2.2	LASM	4.11	91/04/23
CP	A	MorrowDecisionI	CPM80 2.2	LASM	4.11	91/04/23	CP	A	Teletek	CPM80 2.2	LASM	4.11	91/04/23
CP	A	MorrowMicroDecl	CPM80 2.2	LASM	4.11	91/04/23	UCT	C	Terak	UCSD Pascal	-	84/04/11	
FL	C	Motorola 6809	Flex	Assembler	-	86/02/14	T19	D	TI 990	DX10	Pascal	1.0	87/07/10
FL2	C	Motorola 6809	FLEX-09	C	3.0	87/03/04	EXP	C	TI Explorer	LISP	Common Lisp	1.0	87/03/04
CK	F	Motorola Delta	SV/68 R3x	C	5A190	94/10/04	MS	A	TI Professional	MS-DOS	MASM	2.29	86/05/28
CK	F	Motorola Delta	SV/88 R3,4	C	5A190	94/10/04	CP	A	Torch Unicorn 5	CPM80 2.2	LASM	4.11	91/04/23
NCR	D	NCR 9800-4	VE4.0	C	4E 72	90/07/13	CK	F	Tri Star Flash	ESIX	C	5A190	94/10/04
CP	A	NCR Decisionmate	CPM80 2.2	LASM	4.11	91/04/23	CO	C	TRS-80 CoCo	DOS	EDTASM	1.1	85/03/21
CK	F	NCR System 3000	UNIX SVR4	C	5A190	94/10/04	OS9	C	TRS-80 CoCo	OS-9	C	1.5	85/09/20
CK	F	NCR Tower 1632	UNIX SVR2	C	5A190	94/10/04	TRS	C	TRS-80 I and III	TRSDOS	M80	3.5	84/08/08
CK	F	NCR Tower 32	UNIX SVR3	C	5A190	94/10/04	CP	A	TRS-80 Model II	CPM80 2.25	LASM	4.11	91/04/23
C86	C	NEC APC	CPM86	ASM86	2.9	84/12/03	TR2	C	TRS-80 Model II	TRSDOS	Assembler	1.2	87/03/26
MS	A	NEC APC	MS-DOS	MASM	2.29	86/05/28	CP	A	TRS-80 Model 4	CPM80 2.2	LASM	4.11	91/04/23
MS	A	NEC APC III	MS-DOS	MASM	2.30	88/03/21	M4	C	TRS-80 Model 4	TRSDOS	ASM	5.2	86/10/29
MS	A	NEC PC9801	MS-DOS	MASM	3.10	91/04/18	UM	C	UMicro U-MAN1000	CP/M-68K	C and Asm	-	86/04/10
CK	F	NeXT	NeXTSTEP	C	5A190	94/10/04	CK	F	UNISYS 5000	UNIX SVR3	C	5A190	94/10/04
NIC	C	Nicolet 80	Demon	Assembler	1.76	94/07/01	CK	F	UNISYS 5000	UTS V	C	5A190	94/10/04
CK	F	Nixdorf Targon31	TOS	C	5A190	94/10/04	UAS	D	UNISYS A-Series	MCS/AS	Algol	1.041	90/07/13
CP	A	Nokia MikroMikko	CPM80 2.2	LASM	4.11	91/04/23	USY	D	UNISYS A-Series	MCS/AS	Algol	0.0	94/07/20
ND	D	Norsk Data 10...	SintranIII	ND-Pascal	3.1b	85/06/24	CP	A	USmicroSalesS100	CPM80 2.2	LASM	4.11	91/04/23
CK	F	Norsk Data 88/17	UNIX SV/88	C	5A190	94/10/04	CP	A	Vector Graphics	CPM80 2.2	LASM	4.11	91/04/23
CP	A	Northstar	CPM80 2.2	LASM	4.11	91/04/23	C86	C	Victor/Sirius 1	CPM86	ASM86	2.9	86/07/07
CP	A	Ohio Scientific	CPM80 2.2	LASM	4.11	91/04/23	MS	A	Victor/Sirius 1	MS-DOS	MASM	3.14	95/01/18
CK	F	OkiStation 7300	UNIX SVR4	C	5A190	94/10/04	CP	A	Video Genie	CPM80 2.2	LASM	4.11	91/04/23
CK	F	Olivetti CP 486	UNIX SVR4	C	5A190	94/10/04	MS	A	Wang PC, APC	MS-DOS	MASM	2.31	88/08/13
CK	F	Olivetti LXS30xx	X/OS	C	5A190	94/10/04	CP	A	Xerox 820	CPM80 2.2	LASM	4.11	91/04/23
CK	F	Olivetti PCs	SCO UNIX	C	5A190	94/10/04							
MS	A	Olivetti PCs	MS-DOS	MASM, C	3.14	95/01/18							
CN8	C	Orion PC1	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	3.14	95/01/18							
CK	F	PC/286 & higher	Microport	C	5A190	94/10/04							
CK	F	PC/286 & higher	QNX 4.2x	C	5A190	94/10/04							
CK	F	PC/286 & higher	SCO Xenix	C	5A190	94/10/04							
CK	F	PC/286 & higher	Trusted Xenix	C	5A190	94/10/04							

## 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 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 or VAXstation. VMS BACKUP format. Also readable by TZ30, TK70, and compatible drives.
- QIC:** UNIX TAR-format quarter-inch tape cartridge. Readable on Sun computers, IBM RS/6000, SCO systems, and other UNIX systems equipped with QIC cartridge drives.
- 8MM:** EXABYTE 8-millimeter cassette, UNIX TAR format.
- DAT:** 4mm Digital Audio Cassette, 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. No UNIX binaries are included on any tape or cartridge format: you must build UNIX C-Kermit from source code (C compiler required) or order binaries on diskette, or make special arrangements with us for a custom order. OS/2 C-Kermit should be ordered on diskette.

## NEWS AND UPDATES

Our newsletter, *Kermit News*, is mailed free of charge about every year or two 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. *Kermit News* includes an order form to obtain new versions of the Kermit software, or call +1 212 854-3703 for inquiries.

## TERMS AND CONDITIONS

Kermit 95 must be licensed for use. Individual, academic site, and bulk right-to-copy licenses are available. The following terms apply to other Kermit versions.

The Kermit software—including source code—is furnished without warranty of any kind, and neither Columbia University, nor the individual authors or publishers, nor any institution that has contributed Kermit material, acknowledge any liability for any claims arising from the use of Kermit. Since source code is available, users may fix bugs and make improvements, and are encouraged to contribute their work back to the Kermit Project for further distribution.

Kermit software may be ordered by private individuals, corporations, academic or government institutions, and other organizations for their own internal use, but the software may not be resold or otherwise redistributed to external clients, customers, or contractors without written permission of the Manager of Kermit Development and Distribution at Columbia University. Note: Most Kermit software is copyrighted, and not in the public domain. Contact us for further information.

**HOW TO ORDER:** Fill out and return the enclosed order form. PREPAYMENT by credit card or check is encouraged; an additional ORDER PROCESSING FEE is required if we must send an invoice. Orders are shipped by delivery service or US mail, normally within 2–4 weeks of receipt, but firm delivery schedules or methods can not be guaranteed. Prices are in US dollars and include shipping costs. When two prices are shown (like \$100 / \$135), the first price applies to the USA, Canada, and Mexico and the second price is for shipments to other countries (exception: if you can supply your Federal Express account number, then pay the first price). Rush service is available for an extra fee. Call +1 212 854-3703 for additional ordering information. Telephone and Fax orders are accepted if payment is by Master Card or Visa. Use the order form for Fax orders, and, for payment by credit card, be sure to include your signature.

Prices, terms, and items are subject to change. If this form is dated more than 12 months prior, please contact us for new information. Please order carefully since we can not refund or exchange items that were ordered incorrectly. Prices are in US dollars (\$), **first price for North America / second price for shipping outside North America.**

**KERMIT 95 FOR WINDOWS 95 AND WINDOWS NT 3.51 OR LATER**

3.5-inch diskette, shrink-wrapped with user manual and technical reference manual, \$54 / \$69:

- Intel PC  PowerPC:  Alpha AXP: ..... \$ \_\_\_\_\_

Contact us about quantity discounts and bulk/site licensing.

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

IBM PC MS-DOS Kermit software with book *Using MS-DOS Kermit*, \$39.95 / \$50:

- 5.25-inch  3.5-inch: ..... \$ \_\_\_\_\_

MS-DOS IBM PC Kermit source code, \$60 / \$68:

- 5.25-inch  3.5-inch: ..... \$ \_\_\_\_\_

Crynwr (formerly Clarkson) packet drivers. For the IBM PC family on DOS diskettes:

- Binaries and Docs, \$35 / \$40:  5.25-inch  3.5-inch ..... \$ \_\_\_\_\_

- Source Code, \$60 / \$68:  5.25-inch  3.5-inch ..... \$ \_\_\_\_\_

**C-KERMIT 5A(190).** Each format includes the book, *Using C-Kermit*.

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

- 9-Track Tape, \$135 / \$170, Format:  ANSI (includes VMS "hex" binaries),  TAR ..... \$ \_\_\_\_\_
- TK50 cartridge, DEC VMS / OpenVMS BACKUP format, includes VMS binaries, \$185 / \$220 ..... \$ \_\_\_\_\_
- Quarter-Inch Cartridge (QIC), UNIX TAR format, \$185 / \$220 ..... \$ \_\_\_\_\_
- 4mm DAT cassette, UNIX TAR format, \$185 / \$220 ..... \$ \_\_\_\_\_
- 8mm EXABYTE cartridge, UNIX TAR format, \$185 / \$220 ..... \$ \_\_\_\_\_
- C-Kermit source code on DOS-format diskettes, \$100 / \$115:  5.25-inch,  3.5-inch: ..... \$ \_\_\_\_\_

C-Kermit Binaries on DOS-format diskettes, no source code, \$50 / \$60 each:

3.5" 5.25"

- C-Kermit for OS/2 2.00 & Warp, 32-bit ..... \$ \_\_\_\_\_
- C-Kermit for QNX ..... \$ \_\_\_\_\_
- C-Kermit for SCO UNIX / ODT / Open Server ..... \$ \_\_\_\_\_
- C-Kermit for SCO Xenix ..... \$ \_\_\_\_\_
- C-Kermit for Solaris/SPARC ..... \$ \_\_\_\_\_
- C-Kermit for Solaris/Intel ..... \$ \_\_\_\_\_
- C-Kermit for Commodore Amiga ..... \$ \_\_\_\_\_

Others: contact us for availability.

**9-TRACK 1600-bpi MAGNETIC TAPE.** Price: \$100 / \$135 per tape:

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|---------|--------------------------|--------------------------|--------------------------|---------|--------------------------|--------------------------|--------------------------|----------------------------|--------------------------|--------------------------|--------------------------|
| Tape A: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Tape C: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Tape E:                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 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 ... |                          |                          |                          |

9-TRACK TAPE SUBTOTAL ..... \$ \_\_\_\_\_

**TAPE CARTRIDGES.** \$150 / \$185 each.

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|                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Contents of Tapes A, B, and E: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Contents of Tapes C, D, and E: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

TAPE CARTRIDGE SUBTOTAL ..... \$ \_\_\_\_\_

**MACINTOSH KERMIT** (a work in progress ...)

- Macintosh Kermit 0.991(190) or latest pre-release, 3.5-inch, \$25 / \$30 ..... \$ \_\_\_\_\_

**LITERATURE**

- Book: *Using MS-DOS Kermit*: \$39.95 / \$50 ..... \$ \_\_\_\_\_
- Book: *Using C-Kermit* (without software): \$39.95 / \$50 ..... \$ \_\_\_\_\_
- Book: *Kermit, A File Transfer Protocol* (Kermit protocol specification): \$34.95 / \$45 ..... \$ \_\_\_\_\_
- Book: *Kermit MS-DOS Mode d'Emploi* (in French): \$39.95 / \$50 ..... \$ \_\_\_\_\_
- Any three of these books: \$90.00 / \$120 ..... \$ \_\_\_\_\_

Contact us for quantity discounts on books.

**SIDE 1 SUBTOTAL** (please complete side 2 also) ..... \$ \_\_\_\_\_

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**KERMIT ORDER FORM, SIDE 2**

(13.02, June 1996)

Shipping by UPS or post is included in the price.  
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