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.

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 autodownload 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.

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.

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.

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.

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.

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
CK	F	*various*	POSIX	C	5A190	94/10/04
CK	F	*various*	UNIX Sys III	C	5A190	94/10/04
CK	F	*various*	UNIX Sys V R2	C	5A190	94/10/04
CK	F	*various*	UNIX Sys V R3	C	5A190	94/10/04
CK	F	*various*	UNIX Sys V R4	C	5A190	94/10/04
EM	B	*various*	EMACS	ELISP	1.4	94/06/04
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	1.5	93/08/23
OS9	C	*various 6809*	OS-9	C	1.5	85/09/20
CK	F	*various 68000*	OS-9	C	5A190	94/10/04
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	3.14	95/01/18
CP	A	Access Matrix	CPM80 2.2	LASM	4.11	91/04/23
AR	C	Acorn Archimedes	Arthur	C	1.3	93/05/01
AR	C	Acorn Archimedes	RISC_OS	C	1.3	93/05/01
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	Acorn Workstation	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	AMOS/xx	AM68K Asm	2.0	94/03/21
CK	F	Altos ACS68000	UNIX III,V	C	5A190	94/10/04
CK	F	Amdahl Mainframe	UNIX SVR2	C	5A190	94/10/04
CK	F	Amdahl Mainframe	UTSV	C	5A190	94/10/04
IK	B	Amdahl Mainframe	*Also see*	IBM 370		
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	Aegis 9.x	C	5A190	94/10/04
CK	F	Apollo/HP	SR10.0	C	5A190	94/10/04
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	5A190	94/10/04
CK	F	Apple Macintosh	Mac OS	MPW C	0991	94/08/16
CK	F	Apple Macintosh	MachTen	C	5A190	94/10/04
CN8	C	Argos Pro PC	CCPM86	ASM86	2.9	86/04/10
CK	F	AT&T 3B Series	UNIX SVR3	C	5A190	94/10/04
CK	F	AT&T 6300 PLUS	UNIX SVR3	C	5A190	94/10/04
CK	F	AT&T 6386 WGS	UNIX SVR3	C	5A190	94/10/04
CK	F	AT&T 7300 UNIXPC	UNIX Sys V	C	5A190	94/10/04
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	5A189	93/06/30
CK	F	Atari ST	MINIX ST	C	5A190	94/10/04
CP	A	BigBoard II	CPM80 2.2	LASM	4.11	91/04/23
B78	D	Burroughs A-Series	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
U*xx*	D	Burroughs	*Also see*	UNISYS		
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	5A190	94/10/04
CK	F	Charles River	UNOS	C	5A190	94/10/04
CIE	C	CIE 680/XX	REGULUS	C	-	87/01/26
CP	A	Cifer 1886	CPM80	LASM	4.11	91/04/23
CP	A	Comart Communicator	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	5A190	94/10/04
CK	F	Commodore Amiga	Intuition	C	5A190	94/10/04
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	5A190	94/10/04
CK	F	Concurrent 6xxx	RTU 4,5,6	C	5A190	94/10/04
CK	F	Convergent	CTIX	C	5A190	94/10/04
CT	C	Convergent NGEN	CTOS	C	2.00	93/01/20
CK	F	Convex	ConvexOS	C	5A190	94/10/04
CP	A	CPT-85xx	CPM80 2.2	LASM	4.11	91/04/23
CK	F	Cray C90	UNICOS 6,7,8	C	5A190	94/10/04
CK	F	Cray X/MP, Y/MP	UNICOS 6,7,8	C	5A190	94/10/04
CR	D	Cray-1,Cray-XMP	CTSS	Fortran-77	-	85/02/08
CK	F	Cray-2,Cray-3	CSOS	C	5A190	94/10/04
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	5A190	94/10/04
CK	F	DEC Alpha AXP	OSF/1	C	5A190	94/10/04
-	-	DEC Alpha AXP	Windows NT	C	1.1.4	96/05/06
K12	D	DEC PDP-8	OS/8 Fam.	PAL-8	10g	90/09/13
CK	F	DEC PDP-11	2.1x BSD	C	5A190	94/10/04
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	RSX-11/M+	Macro-11	3.60	89/06/13
KRT	B	DEC PDP-11	RT-11	Macro-11	3.62	93/09/22
KRT	B	DEC PDP-11	TSX+	Macro-11	3.62	93/09/22
K12	D	DEC PDP-12	OS/12	PAL-8	10g	90/09/13
K11	B	DEC Pro-3xx	P/OS	Macro-11	3.60	89/06/13
KRT	B	DEC Pro-3xx	Pro/RT	Macro-11	3.60	93/09/22
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	5A190	94/10/04
PIC	D	DEC VAX	PICK	DATA/BASIC	0.3	89/08/21
CK	F	DEC VAX	(Open)VMS	C	5A190	94/10/04
CK	F	DEC VAX	ULTRIX	C	5A190	94/10/04
CK	F	DEC VAX	UNIX SVR3	C	5A190	94/10/04
MS	A	DEC VAXmate	MS-DOS	MASM, C	3.14	95/01/18
CK	F	DEC VAXstation	(Open)VMS	C	5A190	94/10/04
CK	F	DEC VAXstation	ULTRIX	C	5A190	94/10/04
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 Fam.	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	MACH	C	5A190	94/10/04
CK	F	DECstation	OSF/1	C	5A190	94/10/04
CK	F	DECstation	ULTRIX	C	5A190	94/10/04
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	5A190	94/10/04
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	5A190	94/10/04
AOS	D	DG MV	AOS,AOS/VS	SP/Pascal	-	85/02/08
CK	F	DG MV	AOS/VS	C	5A190	94/10/04
CK	F	DG MV	AOS/VS-II	C	5A190	94/10/04
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	5A190	94/10/04
CK	F	Dolphin Triton	UNIX SV/88	C	5A190	94/10/04
CK	F	Encore	UMAX 4.x	C	5A190	94/10/04
CK	F	Encore	UMAX V	C	5A190	94/10/04
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	5A190	94/10/04
CK	F	FPS 500	FPX 4.1	C	5A190	94/10/04
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
GM	D	Gould/SEL 32	MPX-32	Fortran 77+	2.3	86/12/10
MS	A	GRiD Compass II	MS-DOS	MASM	3.10	91/03/18
H1	D	Harris H100-1	VOS 4.1.1	Fortran-77	1.06	88/03/17
H8	D	Harris 800	VOS	Pascal,Asm	-	85/02/11
CK	F	Harris NightHawk	CX/UX 6.1	C	5A190	94/10/04
CP	A	Heath H8	CPM80 2.2	LASM	4.11	91/04/23
CP	A	Heath/Zenith-89	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	3.14	95/01/18
MU	D	Honeywell	MULTICS	PL/I	2.0h	84/09/20
HD6	D	Honeywell DPS6	GCOS6	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
HP8	C	HP86	HP-BASIC	HP BASIC	1.01	87/04/29
HP8	C	HP87	HP-BASIC	HP BASIC	1.01	87/04/29
MS	A	HP95, 100	MS-DOS	MASM, C	3.14	95/01/18
MS	A	HP Portable Plus	MS-DOS	MASM	3.10	91/03/18
MS	A	HP-110	MS-DOS	MASM	3.10	91/03/18
CP	A	HP-125	CPM80 2.2	LASM	4.11	91/04/23
MS	A	HP-150	MS-DOS	MASM	3.10	91/03/18
HPM	D	HP-1000	RTE6, RTEA	F77 & Asm	1.99D	90/01/09
HP2	C	HP-264x	-	8080ASM	1.2	87/10/09
HP3	D	HP-3000	MPE	SPL	-	94/07/20
HP3	D	HP-3000	MPE	C	-	94/07/20
CK	F	HP-9000	HP-UX	C	5A190	94/10/04
HPB	C	HP-9000/200,/300	HP-BASIC	HP BASIC	1.02	89/06/21
CK	F	HP-9836CU	HP-UX	C	5A190	94/10/04
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
IK	B	IBM 370 Series	CICS/MVS	Assembler	4.3.1	95/02/02
IK	B	IBM 370 Series	CICS/VSE	Assembler	4.3.1	95/02/02
MT2	D	IBM 370 Series	MTS	PLUS	-	86/11/03

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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	4.3.1	95/02/02
IK	B	IBM 370 Series	MVS/TSO	Assembler	4.3.1	95/02/02
IK	B	IBM 370 Series	MVSXA/TSOE	Assembler	4.3.1	95/02/02
IK	B	IBM 370 Series	VM/CMS	Assembler	4.3.1	95/02/02
MS	A	IBM compatibles	MS-DOS	MASM, C	3.14	95/01/18
CS9	C	IBM CS9000	CSOS	Pascal	-	92/09/10
CK	F	IBM Mainframe	AIX	C	5A190	94/10/04
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 1.0	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 family	PC-DOS	MASM, C	3.14	95/01/18
MS	A	IBM PC family	Windows 3.x	MASM, C	3.14	95/01/18
-	-	IBM PC family	Windows 95	C	1.1.4	96/03/07
-	-	IBM PC family	Windows NT	C	1.1.4	96/03/07
-	-	IBM PowerPC	Windows NT	C	1.1.4	96/03/07
PIC	D	IBM PC/XT,AT	PICK	DATA/BASIC	0.3	89/08/21
CK	F	IBM PS/2	AIX 1.2	C	5A190	94/10/04
MS	A	IBM PS/2 Series	PC-DOS	MASM, C	3.14	95/01/18
CK	F	IBM RS/6000	AIX 3.x	C	5A190	94/10/04
CK	F	IBM RT PC	4.3BSDReno	C	5A190	94/10/04
CK	F	IBM RT PC	ACIS 4.x	C	5A190	94/10/04
CK	F	IBM RT PC	AIX 2.x	C	5A190	94/10/04
VME	D	ICL 2900	VME	S3	1.01	87/07/14
CK	F	ICL DRS3000,6000	DRS/NX	C	5A190	94/10/04
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
MS	A	Intel 300 Series	iRMX-286	MASM/ASM86	2.30	88/05/02
CK	F	Intel 302	Bell Tech	C	5A190	94/10/04
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	Intergraph Clipper	CLIX	C	5A190	94/10/04
CP	A	Ithaca Intersys	CPM80 2.2	LASM	4.11	91/04/23
UCJ	C	J Loebl Magiscan2	UCSD p-Sys	UCSD Pascal	-	86/06/23
CP	A	Kaypro II	CPM80 2.2	LASM	4.11	91/04/23
CP	A	Kaypro 4	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
CK	F	Luxor ABC-9000	DNIX	C	5A190	94/10/04
MBF	D	MAI Basic Four	BOSS/VS	BASIC BB86	1.0	88/04/11
CK	F	Masscomp	RTU 4.0+	C	5A190	94/10/04
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	5A190	94/10/04
CK	F	Modcomp	Real/IX	C	5A190	94/10/04
MOD	D	Modcomp Classic	MAX IV	Fortran/ASM	A.0	87/01/26
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	5A190	94/10/04
CK	F	Motorola Delta	SV/88 R3,4	C	5A190	94/10/04
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	5A190	94/10/04
CK	F	NCR Tower 1632	UNIX SVR2	C	5A190	94/10/04
CK	F	NCR Tower 32	UNIX SVR3	C	5A190	94/10/04
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	NeXTSTEP	C	5A190	94/10/04
NIC	C	Nicolet 80	Demon	Assembler	1.76	94/07/01
CK	F	Nixdorf Targon31	TOS	C	5A190	94/10/04
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	5A190	94/10/04
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	5A190	94/10/04
CK	F	Olivetti CP 486	UNIX SVR4	C	5A190	94/10/04
CK	F	Olivetti LSX30xx	X/OS	C	5A190	94/10/04
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 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	3.14	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
CK	F	PC/386 & higher	386BSD	C	5A190	94/10/04
CK	F	PC/386 & higher	BSDI/386	C	5A190	94/10/04
CK	F	PC/386 & higher	Coherent	C	5A190	94/10/04
CK	F	PC/386 & higher	ESIX SVR3	C	5A190	94/10/04
CK	F	PC/386 & higher	FreeBSD	C	5A190	94/10/04
CK	F	PC/386 & higher	Interactive	C	5A190	94/10/04
CK	F	PC/386 & higher	Linux/386	C	5A190	94/10/04
CK	F	PC/386 & higher	Lynx	C	5A190	94/10/04
CK	F	PC/386 & higher	MINIX/386	C	5A190	94/10/04
CK	F	PC/386 & higher	MtXinuMach	C	5A190	94/10/04
CK	F	PC/386 & higher	NetBSD	C	5A190	94/10/04
CK	F	PC/486 & higher	NeXTSTEP	C	5A190	94/10/04
CK	-	PC/386 & higher	OS/2 1.x	C	5A191	95/03/21
CK	-	PC/386 & higher	OS/2 2.0	C	5A191	95/03/21
CK	-	PC/386 & higher	OS/2 Warp	C	5A191	95/03/21
CK	F	PC/386 & higher	SCO ODT	C	5A190	94/10/04
CK	F	PC/386 & higher	SCO UNIX	C	5A190	94/10/04
CK	F	PC/386 & higher	Solaris	C	5A190	94/10/04
CK	F	PC/386 & higher	UnixWare	C	5A190	94/10/04
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	5A190	94/10/04
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	8.15	93/04/19
CK	F	Pyramid 9810x(T)	OSx	C	5A190	94/10/04
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(/ptx)	C	5A190	94/10/04
CK	F	Silicon Graphics	IRIX	C	5A190	94/10/04
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	5A190	94/10/04
CK	F	Sony NEWS	NEWS-OS	C	5A190	94/10/04
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	5A190	94/10/04
CK	F	Sperry 5000	UTS V	C	5A190	94/10/04
SP9	D	Sperry 90/60	VS9	Assembler	-	86/04/09
CK	F	Stardent 1520	UNIX SVR3	C	5A190	94/10/04
CK	F	Sun, all models	Solaris 1,2	C	5A190	94/10/04
CK	F	Sun, all models	SunOS 3,4,5	C	5A190	94/10/04
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	5A190	94/10/04
C86	C	Tektronix 4170	CPM86	ASM86	2.9	84/12/03
CK	F	Tektronix 4xxx	UTek	C	5A190	94/10/04
CK	F	Tektronix 6130	UTek	C	5A190	94/10/04
CK	F	Tektronix XD88	UTek	C	5A190	94/10/04
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	5A190	94/10/04
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 II	CPM80 2.25	LASM	4.11	91/04/23
TR2	C	TRS-80 Model II	TRSDOS	Assembler	1.2	87/03/26
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
UM	C	UMicro U-MAN1000	CP/M-68K	C and Asm	-	86/04/10
CK	F	UNISYS 5000	UNIX SVR3	C	5A190	94/10/04
CK	F	UNISYS 5000	UTS V	C	5A190	94/10/04
UAS	D	UNISYS A-Series	MCS/AS	Algol	1.041	90/07/13
USY	D	UNISYS A-Series	MCS/AS	Algol	0.0	94/07/20
CP	A	USmicroSalesS100	CPM80 2.2	LASM	4.11	91/04/23
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	3.14	95/01/18
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

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.

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(13.02, June 1996) **KERMIT ORDER FORM, SIDE 1** #_____

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:*

	ANSI	TAR	OS		ANSI	TAR	OS		ANSI	TAR	OS
Tape A:	❒	❒	❒	Tape C:	❒	❒	❒	Tape E:	❒	❒	❒
Tape B:	❒	❒	❒	Tape D:	❒	❒	❒	*See above for C-Kermit . . .*			

9-TRACK TAPE SUBTOTAL . . . . . $_____

TAPE CARTRIDGES. $150 / $185 each.

	DAT	8MM	QIC	TK50
Contents of Tapes A, B, and E:	❒	❒	❒	❒
Contents of Tapes C, D, and E:	❒	❒	❒	❒

TAPE CARTRIDGE SUBTOTAL . . . . . $_____

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

❒ *Macintosh Kermit* 0.991(190) or latest prerelease, 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 . . . . . $_____

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Please do not add sales tax. Our Tax-Exempt Number is 127902.

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MAIL YOUR COMPLETED ORDER FORM TO:

The Kermit Project
Columbia University
612 West 115th Street
New York NY 10025-7799
USA

Phone: +1 212 854-3703, FAX: +1 212 663-8202, E-Mail: kermit-orders@columbia.edu., Web: http://www.columbia.edu/kermit/

Thank you!