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.

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 autodownload 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.

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.*

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.

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.

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	6.0.192	96/11/30
CK	F	*various*	POSIX	C	6.0.192	96/11/30
CK	F	*various*	UNIX Sys III	C	6.0.192	96/11/30
CK	F	*various*	UNIX Sys V R2	C	6.0.192	96/11/30
CK	F	*various*	UNIX Sys V R3	C	6.0.192	96/11/30
CK	F	*various*	UNIX Sys V R4	C	6.0.192	96/11/30
EM	B	*various*	EMACS	ELISP	1.4	94/06/04
CK	F	*various*	Plan 9	C	6.0.192	96/11/30
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	6.0.192	96/11/30
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	3.15	97/09/15
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	6.0.192	96/11/30
CK	F	Amdahl Mainframe	UNIX SVR2	C	6.0.192	96/11/30
CK	F	Amdahl Mainframe	UTSV	C	6.0.192	96/11/30
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	6.0.192	96/11/30
CK	F	Apollo/HP	SR10.0	C	6.0.192	96/11/30
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	6.0.192	96/11/30
CK	F	Apple Macintosh	Mac OS	MPW C	0991	94/08/16
CK	F	Apple Macintosh	MachTen	C	6.0.192	96/11/30
CN8	C	Argos Pro PC	CCPM86	ASM86	2.9	86/04/10
CK	F	AT&T 3B Series	UNIX SVR3	C	6.0.192	96/11/30
CK	F	AT&T 6300 PLUS	UNIX SVR3	C	6.0.192	96/11/30
CK	F	AT&T 6386 WGS	UNIX SVR3	C	6.0.192	96/11/30
CK	F	AT&T 7300 UNIXPC	UNIX Sys V	C	6.0.192	96/11/30
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	6.0.192	96/11/30
CK	F	BeBox	BeOS DR7	C	6.0.192	96/11/30
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		
Z88	C	Cambridge Z88	OZ	8080 Asm	1.104	96/12/31
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	6.0.192	96/11/30
CK	F	Charles River	UNOS	C	6.0.192	96/11/30
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	6.0.192	96/11/30
CK	F	Commodore Amiga	Intuition	C	6.0.192	96/11/30
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	6.0.192	96/11/30
CK	F	Concurrent 6xxx	RTU 4,5,6	C	6.0.192	96/11/30
CK	F	Convergent	CTIX	C	6.0.192	96/11/30
CT	C	Convergent NGEN	CTOS	C	2.00	93/01/20
CK	F	Convex	ConvexOS	C	6.0.192	96/11/30
CP	A	CPT-85xx	CPM80 2.2	LASM	4.11	91/04/23
CK	F	Cray C90	UNICOS 6,7,8	C	6.0.192	96/11/30
CK	F	Cray X/MP, Y/MP	UNICOS 6,7,8	C	6.0.192	96/11/30
CR	D	Cray-1,Cray-XMP	CTSS	Fortran-77	-	85/02/08
CK	F	Cray-2,Cray-3	CSOS	C	6.0.192	96/11/30
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	OpenVMS	C	6.0.192	96/11/30
CK	F	DEC Alpha	OSF/1	C	6.0.192	96/11/30
-	-	DEC Alpha	Windows NT	C	1.1.15	97/09/30
K12	D	DEC PDP-8	OS/8 Fam.	PAL-8	10g	90/09/13
CK	F	DEC PDP-11	2.1x BSD	C	6.0.192	96/11/30
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	3.63	97/09/27
KRT	B	DEC PDP-11	TSX+	Macro-11	3.63	97/09/27
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	3.63	97/09/27
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	6.0.192	96/11/30
PIC	D	DEC VAX	PICK	DATA/BASIC	0.3	89/08/21
CK	F	DEC VAX	(Open)VMS	C	6.0.192	96/11/30
CK	F	DEC VAX	ULTRIX	C	6.0.192	96/11/30
CK	F	DEC VAX	UNIX SVR3	C	6.0.192	96/11/30
MS	A	DEC VAXmate	MS-DOS	MASM, C	3.15	97/09/15
CK	F	DEC VAXstation	(Open)VMS	C	6.0.192	96/11/30
CK	F	DEC VAXstation	ULTRIX	C	6.0.192	96/11/30
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	6.0.192	96/11/30
CK	F	DECstation	OSF/1	C	6.0.192	96/11/30
CK	F	DECstation	ULTRIX	C	6.0.192	96/11/30
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	6.0.192	96/11/30
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 88k	DG/UX	C	6.0.192	96/11/30
CK	F	DG AViiON Intel	DG/UX	C	6.0.192	96/11/30
AOS	D	DG MV	AOS,AOS/VS	SP/Pascal	-	85/02/08
CK	F	DG MV	AOS/VS	C	6.0.192	96/11/30
CK	F	DG MV	AOS/VS-II	C	6.0.192	96/11/30
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	6.0.192	96/11/30
CK	F	Dolphin Triton	UNIX SV/88	C	6.0.192	96/11/30
CK	F	Encore	UMAX 4.x	C	6.0.192	96/11/30
CK	F	Encore	UMAX V	C	6.0.192	96/11/30
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	6.0.192	96/11/30
CK	F	FPS 500	FPX 4.1	C	6.0.192	96/11/30
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	6.0.192	96/11/30
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	3.15	97/09/15
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	3.15	97/09/15
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	6.0.192	96/11/30
HPB	C	HP-9000/200,/300	HP-BASIC	HP BASIC	1.02	89/06/21
CK	F	HP-9836CU	HP-UX	C	6.0.192	96/11/30
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*
HP9	C	HP-98xx	UCSD p-Sys	HP Pascal	-	84/01/20
IK	B	IBM 370 Series	CICS/MVS	Assembler	4.3.2	97/12/16
IK	B	IBM 370 Series	CICS/VSE	Assembler	4.3.2	97/12/16
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	4.3.3	99/02/12
IK	B	IBM 370 Series	MVS/TSO	Assembler	4.3.3	99/02/12
IK	B	IBM 370 Series	MVSXA/TSOE	Assembler	4.3.3	99/02/12
IK	B	IBM 370 Series	VM/CMS	Assembler	4.3.2	97/12/16
MS	A	IBM compatibles	MS-DOS	MASM, C	3.15	97/09/15
CS9	C	IBM CS9000	CSOS	Pascal	-	92/09/10
CK	F	IBM Mainframe	AIX	C	6.0.192	96/11/30
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	3.15	97/09/15
MS	A	IBM PC family	Windows 3.x	MASM, C	3.15	97/09/15
-	-	IBM PC family	Windows 95/98	C	1.1.17	98/06/18
-	-	IBM PC family	Windows NT	C	1.1.17	98/06/18
-	-	IBM PowerPC	Windows NT	C	1.1.17	98/06/18
PIC	D	IBM PC/XT,AT	PICK	DATA/BASIC	0.3	89/08/21
CK	F	IBM PS/2	AIX 1.2	C	6.0.192	96/11/30
MS	A	IBM PS/2 Series	PC-DOS	MASM, C	3.15	97/09/15
CK	F	IBM RS/6000	AIX 3.x	C	6.0.192	96/11/30
CK	F	IBM RT PC	4.3BSDReno	C	6.0.192	96/11/30
CK	F	IBM RT PC	ACIS 4.x	C	6.0.192	96/11/30
CK	F	IBM RT PC	AIX 2.x	C	6.0.192	96/11/30
VME	D	ICL 2900	VME	S3	1.01	87/07/14
CK	F	ICL DRS3000,6000	DRS/NX	C	6.0.192	96/11/30
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	6.0.192	96/11/30
I51	C	Intel 8051	-	Assembler	-	96/06/27
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	6.0.192	96/11/30
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	6.0.192	96/11/30
MBF	D	MAI Basic Four	BOSS/VS	BASIC BB86	1.0	88/04/11
CK	F	Masscomp	RTU 4.0+	C	6.0.192	96/11/30
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	6.0.192	96/11/30
CK	F	Modcomp	Real/IX	C	6.0.192	96/11/30
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	6.0.192	96/11/30
CK	F	Motorola Delta	SV/88 R3,4	C	6.0.192	96/11/30
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	6.0.192	96/11/30
CK	F	NCR Tower 1632	UNIX SVR2	C	6.0.192	96/11/30
CK	F	NCR Tower 32	UNIX SVR3	C	6.0.192	96/11/30
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	6.0.192	96/11/30
NIC	C	Nicolet 80	Demon	Assembler	1.76	94/07/01
CK	F	Nixdorf Targon31	TOS	C	6.0.192	96/11/30
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	6.0.192	96/11/30
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	6.0.192	96/11/30
CK	F	Olivetti CP 486	UNIX SVR4	C	6.0.192	96/11/30
CK	F	Olivetti LSX30xx	X/OS	C	6.0.192	96/11/30
CK	F	Olivetti PCs	SCO UNIX	C	6.0.192	96/11/30
MS	A	Olivetti PCs	MS-DOS	MASM, C	3.15	97/09/15
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

Prefix	*Tape*	*Machine*	*Operating System*	*Program Language*	*Program Version*	*Released yy/mm/dd*
MS	A	PC/8088 & higher	MS-DOS	MASM, C	3.15	97/09/15
CK	F	PC/286 & higher	Microport	C	6.0.192	96/11/30
CK	F	PC/286 & higher	QNX 4.2x	C	6.0.192	96/11/30
CK	F	PC/286 & higher	SCO Xenix	C	6.0.192	96/11/30
CK	F	PC/286 & higher	Trusted Xenix	C	6.0.192	96/11/30
CK	F	PC/386 & higher	386BSD	C	6.0.192	96/11/30
CK	F	PC/386 & higher	BSDI/386	C	6.0.192	96/11/30
CK	F	PC/386 & higher	Coherent	C	6.0.192	96/11/30
CK	F	PC/386 & higher	ESIX SVR3	C	6.0.192	96/11/30
CK	F	PC/386 & higher	FreeBSD	C	6.0.192	96/11/30
CK	F	PC/386 & higher	Interactive	C	6.0.192	96/11/30
CK	F	PC/386 & higher	Linux/386	C	6.0.192	96/11/30
CK	F	PC/386 & higher	Lynx	C	6.0.192	96/11/30
CK	F	PC/386 & higher	MINIX/386	C	6.0.192	96/11/30
CK	F	PC/386 & higher	MtXinuMach	C	6.0.192	96/11/30
CK	F	PC/386 & higher	NetBSD	C	6.0.192	96/11/30
CK	F	PC/486 & higher	NeXTSTEP	C	6.0.192	96/11/30
CK	-	PC/386 & higher	OS/2 1.x 16-bit	C	5A191	95/03/21
-	-	PC/386 & higher	OS/2 2.0	C	1.1.15	97/09/30
-	-	PC/386 & higher	OS/2 Warp	C	1.1.15	97/09/30
CK	F	PC/386 & higher	SCO ODT	C	6.0.192	96/11/30
CK	F	PC/386 & higher	SCO UNIX	C	6.0.192	96/11/30
CK	F	PC/386 & higher	Solaris	C	6.0.192	96/11/30
CK	F	PC/386 & higher	UnixWare	C	6.0.192	96/11/30
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	6.0.192	96/11/30
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	6.0.192	96/11/30
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	6.0.192	96/11/30
CK	F	Siemens Nixdorf	SINIX	C	6.0.192	96/11/30
CK	F	Silicon Graphics	IRIX	C	6.0.192	96/11/30
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	6.0.192	96/11/30
CK	F	Sony NEWS	NEWS-OS	C	6.0.192	96/11/30
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	6.0.192	96/11/30
CK	F	Sperry 5000	UTS V	C	6.0.192	96/11/30
SP9	D	Sperry 90/60	VS9	Assembler	-	86/04/09
CK	F	Stardent 1520	UNIX SVR3	C	6.0.192	96/11/30
CK	F	Stratus XA 680x0	VOS	C	6.0.192	97/03/07
CK	F	Stratus XA i860	VOS	C	6.0.192	97/03/07
CK	F	Stratus XA Jetta	VOS	C	6.0.192	97/03/07
CK	F	Sun, all models	Solaris 1,2	C	6.0.192	96/11/30
CK	F	Sun, all models	SunOS 3,4,5	C	6.0.192	96/11/30
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	2.0	97/11/13
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	6.0.192	96/11/30
C86	C	Tektronix 4170	CPM86	ASM86	2.9	84/12/03
CK	F	Tektronix 4xxx	UTek	C	6.0.192	96/11/30
CK	F	Tektronix 6130	UTek	C	6.0.192	96/11/30
CK	F	Tektronix XD88	UTek	C	6.0.192	96/11/30
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	6.0.192	96/11/30
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	6.0.192	96/11/30
CK	F	UNISYS 5000	UTS V	C	6.0.192	96/11/30
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	3.15	97/09/15
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 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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(16.00, March 1999) **KERMIT ORDER FORM, SIDE 1** #______________

Prices, terms, and items are subject to change. If this form is dated more than 6 months prior, please contact us for new information. Please order carefully since we can not refund or exchange items that were ordered incorrectly. All prices are in US dollars ($).

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** . . . . $____________

❐ 4mm DAT cassette (DDS1), UNIX TAR format, **$185.00** . . . . $____________

❐ 8mm EXABYTE cartridge, UNIX TAR format, **$185.00** . . . . $____________

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

Individual C-Kermit Binaries on 3.5-inch DOS-format diskettes, no source code, **$50.00** each:

❐ C-Kermit 6.0 for Digital UNIX . . . . $____________

❐ C-Kermit 6.0 for IBM AIX 4.x . . . . $____________

❐ C-Kermit 6.0 for QNX 4.2x . . . . $____________

❐ C-Kermit 6.0 for SCO Open Server 5.0 . . . . $____________

❐ C-Kermit 6.0 for SCO Unixware 2.x . . . . $____________

❐ C-Kermit 6.0 for SGI IRIX 6.x . . . . $____________

❐ C-Kermit 6.0 for Sun Solaris/SPARC . . . . $____________

❐ C-Kermit 6.0 for Sun Solaris/Intel . . . . $____________

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

9-TRACK 1600-bpi MAGNETIC TAPE. Price: **$100.00** *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. **$150.00** each.

	DAT	8MM	QIC
Contents of Tapes A, B, and E, TAR format:	❐	❐	❐
Contents of Tapes C, D, and E, TAR format:	❐	❐	❐

TAPE CARTRIDGE SUBTOTAL . . . . $____________

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

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

LITERATURE

❐ Book: *Using MS-DOS Kermit*, second edition: **$41.95** . . . . $____________

❐ Book: *Using C-Kermit*, second edition (without software): **$39.95** . . . . $____________

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

❐ Book: *Kermit MS-DOS Mode d'Emploi* (in French): **$39.95** . . . . $____________

❐ Any three of these books: **$ 90.00** . . . . $____________

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B. SHIPPING: . . . . $____________

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Signature ____ Today's Date ____

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D. If your check is *not* drawn on a US bank, please add a $65 check-cashing fee: . . . . $____________

TOTAL AMOUNT OF YOUR CHECK (Lines C and D): . . . . $____________

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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!