
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 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.

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.

Table with columns: Prefix, Tape, Machine, Operating System, Program Language, Program Version, Released yy/mm/dd. The table lists various software products and their specifications across multiple rows.

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>.

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 users 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. Shipping and handling are charged separately. 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 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:	<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. \$150.00 each.

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

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

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** \$ _____

Contact us for quantity discounts on books.

SIDE 1 SUBTOTAL (please complete side 2 also) \$ _____

A. SUBTOTAL from Side 1: \$ _____

Shipping **inside the USA:**

<u>Amount from Line A</u>	<u>Priority Mail</u>	<u>UPS Ground</u>	<u>Fedex Std</u>	<u>Fedex Pl</u>
Up to \$100.00	\$4.00	\$4.00	\$10.00	\$30.00
100.01-150.00	\$5.00	\$5.00	\$20.00	\$30.00
150.01-500.00	\$10.00	\$10.00	\$30.00	\$45.00
500.01 and above	3% of Line A	3% of Line A	(call)	(call)

Shipping **outside the USA:** Please visit <http://www.columbia.edu/kermit/shipping.html> or contact us for a quote.

B. SHIPPING: \$ _____

Voluntary tax-deductible donation (*help support the nonprofit Kermit Project*): \$ _____

C. TOTAL MATERIALS, SHIPPING, AND DONATION: \$ _____

Please complete ONE of the numbered sections, 1, 2, or 3, and then fill in your shipping information. Use only the payment methods indicated; please do NOT attempt to pay us with international bank transfers or postal coupons, or with credit cards that are not listed. Do not add sales tax.

1. PAYMENT BY CREDIT CARD: Check one: MasterCard Visa (We can only accept Visa or MC.)

Cardholder Name _____ TOTAL PAYMENT (Line C above): \$ _____

Card Number _____ Expiration Date _____

Signature _____ Today's Date _____

2. PREPAYMENT BY CHECK

Please make your check *payable in US dollars* to:

Columbia University Kermit Project

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): \$ _____

3. PURCHASE ORDER, WE BILL YOU

Your Purchase Order Number: _____

E. Add \$25 invoicing fee: \$ _____

F. If your check will *not* be drawn on a US bank, add \$65 check-cashing fee: \$ _____

TOTAL, Lines C, E, and F. Please enclose your purchase order for this amount: \$ _____

SHIPPING INFORMATION (Please do not use Post Office Box for UPS or Federal Express):

Name: _____

Company: _____

Address: _____

City: _____ State or Province: _____ Zip or Postal Code: _____

Country: _____ Phone: _____

E-Mail and/or Fax, if any: _____

MAIL YOUR COMPLETED ORDER FORM TO:

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