

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 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.

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.

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:

- | | | | | | | | | | | | |
|---------|--------------------------|--------------------------|--------------------------|---------|--------------------------|--------------------------|--------------------------|----------------------------|--------------------------|--------------------------|--------------------------|
| 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.

- | | | | | |
|--------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | <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) \$ _____

KERMIT ORDER FORM, SIDE 2

(13.02, June 1996)

Shipping by UPS or post is included in the price.
Please do not add sales tax. Our Tax-Exempt Number is 127902.

SUBTOTAL from Side 1: \$ _____

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

USA, CANADA, AND MEXICO ONLY:

For PRIORITY HANDLING and NEXT-DAY SHIPMENT, add \$30: \$ _____

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

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.

1. PAYMENT BY CREDIT CARD: Check one: MasterCard Visa

Cardholder Name _____ TOTAL PAYMENT (Line A 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 Distribution

B. If your check is *not* drawn on a US bank, please add a \$35 check-cashing fee: \$ _____

TOTAL AMOUNT OF YOUR CHECK (Lines A and B): \$ _____

3. PURCHASE ORDER, WE BILL YOU

Your Purchase Order Number: _____

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

D. If your check will *not* be drawn on a US bank, add \$35 check-cashing fee: \$ _____

TOTAL, Lines A, C, and D. 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: _____

If you want us to use your Federal Express account, please provide account number and authorized signature:

Federal Express Account Number: _____ Signature: _____

MAIL YOUR COMPLETED ORDER FORM TO:

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