



# Tech Info Library

## NCSA Telnet 2.3 Release Notice (8/94)

Revised: 8/8/94  
Security: Everyone

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### TOPIC -----

NCSA Telnet version 2.3 Release Notice Macintosh version only (July 14, 1989).

### DISCUSSION -----

NCSA (National Center for Supercomputing Applications) Telnet is a combined Telnet client and FTP server program for the Macintosh. It emphasizes a convenient, powerful, user interface and can be configured to match the characteristics of your TCP/IP hosts. We have included support for a wide variety of Ethernet options. Complete user documentation is available: printed or in Macintosh Microsoft Word format files. NCSA Telnet is in the public domain and is available via anonymous FTP or by placing an order.

### Features included in version 2.3 of NCSA Telnet

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- DARPA standard Telnet
- Built-in standard FTP server for file transfer
- VT102 emulation in multiple, simultaneous sessions
- Tektronix 4014 graphics emulation
- Scrollback for each session
- Domain name lookup with default domain suffix
- RARP for dynamic IP address assignment
- Full color support (PC and Macintosh II)
- Font and size support (Macintosh)
- MacBinary FTP transfer (Macintosh)
- Apple MacTCP support
- Screens larger than 24 lines supported
- Color Raster display protocol (ICR)

### Hardware required for NCSA Telnet

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Macintosh: Macintosh Plus, Macintosh SE, Macintosh II, Macintosh IIX, or

Macintosh IIcx with 1MB memory and System 5.0 or later.

An AppleTalk-to-Ethernet gateway, one of:

- FastPath from Kinetics Inc. and Kinetics gateway software or Stanford KIP (Croft) gateway software
- GatorBox from Cayman Systems and associated gateway software
- Alternate FastPath-compatible LocalTalk-to-Ethernet gateway

or

- EtherTalk software, combined with any of the following hardware:
- EtherSC or EtherPort SE or EtherPort II from Kinetics
- EtherTalk Card from Apple Computer, Inc.
- EtherLink/NB (3C543) or EtherLink/SE (3C563) from 3COM Corporation
- Nodem products from Adaptec.
- MacConnect NIA310 from Interlan, Inc.
- Alternate EtherTalk-compatible systems for the Macintosh

EtherTalk software drivers are generally bundled with the hardware.

Where to Get a Copy

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You can get a copy from any of the following:

- From a friend. The documentation, program and source code are in the public domain. Copy, modify, and distribute, as you wish.
- Anonymous FTP from: ftp.NCSA.uiuc.edu (128.174.20.50)

You may want to ftp the READ ME file(s) to determine which files to transfer to your home machine. In particular, only transfer the source (1MB) if you really want it, and only get the MacTCP version if you need it.

The Macintosh version consists of several files encoded with StuffIt and BinHex 4.0. For those of you with BinHex only, UnStuffit is provided in BinHex form. Download the selections you need with an ASCII transfer method (Kermit, NCSA Telnet) and extract the individual files. The documentation is in Microsoft Word 3.X format (not fast-saved).

- Disk or Tape

Disk copies and printed manuals are available for a small fee, which covers materials, handling, and postage. The anonymous FTP tape covers the contents of all disks. Orders are accepted only if accompanied by a check in U.S. dollars made out to the University of Illinois. You can get an order form by contacting:

NCSA Telnet Orders  
152 Computing Applications Building  
605 E. Springfield Ave.  
Champaign, IL 61820

- Archive Server

Electronic mail a request to archive-server@ncsa.uiuc.edu. Include in the subject or message a line with "help" and a line with "index". This is a controlled-access server that E-mails the distribution to you one segment at a time. It is slow, but gateways to BITNET and overseas. To save time for access to NCSA Telnet, also include a line with "index Telnet\_Mac".

- LISTSERV at Brown University (LISTSERV@BROWNVNVM)

To request a file from LISTSERV@BROWNVNVM, send a GET command:

GET filename filetype

The files currently available are:

NCSA file	LISTSERV filename	filetype
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README	README	MEMO
Telnet.src.sithqx	TELSRC	PACKAGE
Telnet.2.3.docs.sithqx	TEL23DOC	SITHQX
Telnet.2.3.sithqx	TEL23	SITHQX
Telnet.mactcp.sithqx	TELMTCP	SITHQX

In addition, the current list is available in the file NCSA FILELIST. To stay within BITNET file size guidelines, TELSRC PACKAGE consists of the file Telnet.src.sithqx split into three pieces. They must be combined using an editor or file utility before running BinHex.

LISTSERV accepts commands either interactively or via mail. Interactive commands are sent as messages to LISTSERV@BROWNVNVM. For example, on an IBM VM system, the TELL command is used: tell listserv at brownvm get NCSA filelist. To send a command via mail, send mail to LISTSERV@BROWNVNVM (BITNET address) or listserv@brownvm.brown.edu (Internet address), and specify the command as the first line of text in the body of the mail.

#### Electronic Mailing List

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Mail to telnet-request@ncsa.uiuc.edu to be added to the list of recipients. To post messages to the list, mail to telnet@ncsa.uiuc.edu.

#### Article Change History:

08 Aug 1994 - Removed Dove Computer from article.  
26 Jul 1993 - Company title updated from Adaptec, Inc. to Adaptec.

#### Support Information Services

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