B Obtaining Software

Introduction

This appendix outlines the procedures for obtaining NCSA Mosaic for X Window System platforms.

Sources for NCSA Mosaic

NCSA Mosaic software and manuals are available for free if you download them from the NCSA anonymous FTP server. See the next two sections for complete instructions on how to download.

Software and documentation is also available for purchase through the *NCSA Technical Resources Catalog*. All orders must be prepaid. To obtain a copy of the catalog, contact NCSA Orders by electronic mail at orders@ncsa.uiuc.edu, by phone at (217) 244-4130, or by U.S. mail at:

NCSA Orders
152 Computing Applications Building
605 East Springfield Avenue
Champaign, IL 61820-5518

How to FTP

If you are connected to the Internet you can download NCSA Mosaic for X Window System software and documentation at no charge from an anonymous File Transport Protocol (FTP) server at NCSA. Follow the steps below. If you have any questions regarding the connection or procedure, consult your local system administrator or network expert.

1. Log on to a host at your site that is connected to the Internet and is running software supporting the `ftp` command.
2. Invoke FTP (on most systems) by entering the Internet address of the server:

   `% ftp ftp.ncsa.uiuc.edu`

3. Log on by entering **`anonymous`** for the name.
4. Enter your local login name and address (e.g., rsmith@ncsa.uiuc.edu) for the password.
5. Enter **`get README.FIRST`** to transfer the instructions file (in ASCII) to your local host.
6. Enter **`quit`** to exit FTP and return to your local host.

7. Review the README.FIRST file for complete instructions concerning the organization of the FTP directories and the procedures you should follow to download the README files specific to the application you want.

Your logon session should resemble the following sample, where the remote user's name is *rsmith@ncsa.uiuc.edu* and user entries are indicated in boldface type. (The text of the README.FIRST file will likely be different because it is updated periodically.)

```
% ftp ftp.ncsa.uiuc.edu
Connected to zaphod.
220 zaphod FTP server (Version 6.23 Thu Apr 8 06:37:40 CDT 199x) ready.
Name (ftp.ncsa.uiuc.edu: rsmith):  anonymous
Password:
230-
230-Welcome to NCSA's anonymous FTP server! I hope you find what you are
230-  looking for. For questions regarding NCSA software tools, please e-mail
230-  softdev@ncsa.uiuc.edu.
230-
230-Note to HyperFTP users: If you log in, and cannot list directories
230-  other than the top-level ones, enter a - as the first character of your
230-  password (e-mail address).
230-
230-If your ftp client has problems with receiving files from this server,
send
230-  a - as the first character of your password (e-mail address).
230-
230-If you're ftp'ing from Delphi, please remember that the Delphi FTP client
230-  requires you to enclose case-sensitive directory and file names in
230-  double quote (") characters.
230-
230-Please read the file README
230-  it was last modified on Tue Jul 23 15:40:50 199x - 1030 days ago
230-Please read the file README.BROCHURE
230-  it was last modified on Sat Sep 12 18:30:42 199x - 613 days ago
230-Please read the file README.FIRST
230-  it was last modified on Sun Oct  3 17:45:17 199x - 228 days ago
230-Please read the file README_Dialin
230-  it was last modified on Wed Sep  2 14:21:17 199x - 623 days ago
230 Guest login ok, access restrictions apply.
ftp> get README.FIRST
200 PORT command successful.
150 Opening ASCII mode data connection for README.FIRST (10283 bytes).
226 Transfer complete.
local:  README.FIRST  remote:  README.FIRST
11066 bytes received in .34 seconds (32 Kbytes/s)
ftp> quit
```

The README.FIRST file provides general information about how to retrieve files from the NCSA anonymous FTP server. To retrieve NCSA Mosaic for X Window System, log on again and enter the commands shown in boldface below. (The file names may be slightly different, especially if newer versions have been released.) The `ls` command returns a listing of files in the current directory.

If you want the executable binary, change to the `binaries` directory. If you want the source, change to the `source` directory. Viewers (see xref) and various documentation are available in the respective directories. (In this example, the user is retrieving binaries for an SGI IRIX 4.x system.)

```
ftp> cd Mosaic/Unix/binaries/2.5
250 CWD command successful.
ftp> ls
200 PORT command successful.
150 Opening ASCII mode data connection for file list.
Mosaic-alpha-1.3-2.5b4.Z    Mosaic-sgi-2.5b4.Z
Mosaic-alpha-3.0-2.5b4.Z    Mosaic-solaris-2.5b4.Z
Mosaic-dec-2.5b4.Z          Mosaic-sun-2.5b4.Z
Mosaic-hp-2.5b4.Z           Mosaic-sun-lresolv-2.5b4.Z
Mosaic-ibm-2.5b4.Z          README-2.5b4
Mosaic-indy-2.5b4.Z
ftp> bin
ftp> get Mosaic-sgi-2.5b4.Z
200 PORT command successful.
150 Opening binary mode data connection for get Mosaic-sgi-2.5b4.Z (1493631
bytes).
226 Transfer complete.
local: Mosaic-sgi-2.5b4.Z remote: Mosaic-sgi-2.5b4.Z
1493631 bytes received in 15 seconds
ftp> quit
221 Goodbye.
% uncompress Mosaic-sgi-2.5b4.Z
% chmod 775 Mosaic-sgi-2.5b4
%
```