C External Viewers

Introduction

NCSA Mosaic uses external viewers to display the variety of data file formats (images, video, audio, PostScript) on the Internet. Unless noted, software listed is free.

Obtaining Software

From NCSA

The NCSA anonymous FTP subdirectory `Mosaic/Unix/viewers` has copies of the normal source distributions of some viewers. NCSA strongly recommends downloading and installing these viewers if they are not already on your system, because Mosaic is more useful with them available. (The version numbers listed here may vary.) See "From Other Sources" on page C–1 for basic information about the software functionality.

- ghostscript-2.5.2.tar.z
- ghostscript-2.6.tar.z
- ghostscript-fonts-2.5.2.tar.z
- ghostscript-fonts-2.6.tar.z
- ghostview-1.4.1.tar.z
- mm.tar.Z
- mpeg_play-2.0.tar.Z
- xdvi.tar.Z
- xplaygizmo
- xv-3.00.tar.Z

If you need information about installing external viewers, talk with your local system administrator. In general, you need to uncompress, untar, and compile the files obtained from the anonymous FTP servers. Not all viewers work well with all machines. The `README` file in the software directory usually contains information about hardware compatibility.

From Other Sources

ghostview

ghostview is the user interface to the *ghostscript* viewer for PostScript "typeset" documents. ghostview may be obtained from the UIUC anonymous FTP server (`uxc.cso.uiuc.edu`). Download the following files:

```
/gnu/ghostscript-2.5.2.tar.Z
/gnu/ghostscript-fonts-2.5.2.tar.Z
/gnu/ghostview-1.4.1.tar
```

mpeg-play

mpeg-play displays MPEG-format animation sequences and video clips. mpeg-play may be obtained from the University of California at Berkeley's anonymous FTP server (`toe.cs.berkeley.edu`). Download the following file:

```
/pub/multimedia/mpeg/mpeg_play-2.0.tar.Z
```

showaudio and metamail

showaudio is a shell script that can play several audio formats on several platforms and is part of the metamail multimedia mail toolkit. metamail processes multimedia documents in the MIME format. Obtain *metamail* from Bellcore's anonymous FTP server (`thumper.bellcore.com`). Download the following file (where *x* refers to the specific version currently available):

```
/pub/nsb/mm2.x.tar.Z
```

xdvi

xdvi is a viewer for documents in the DVI format produced by TeX. The xdvi viewer is available from this anonymous FTP server (`ftp.x.org`). Download the following file:

```
/contrib/xdvi.tar.Z
```

xv

xv is an image display and manipulation utility for GIF, JPEG, TIFF, and several other formats of image files. xv is *shareware*. Connect to this anonymous FTP server (`ftp.cis.upenn.edu`) and change to the directory listed below to copy the program:

```
/pub/xv
```