

# *Mosaic Help Contents*

*Mosaic Help is context sensitive, click on the area where you need help:*



NCSA Mosaic is an Internet navigation and data retrieval tool. It will allow you to access network information with the click of a mouse button. Mosaic is capable of accessing data from World Wide Web servers (HTTP), Gopher servers, FTP servers and Usenet News servers (NNTP). Mosaic can also access other data services through gateway servers. These services provide search capabilities in database environments such as PH, Archie, WAIS, and Veronica. NCSA Mosaic provides transparent access to these information sources and services. NCSA Mosaic software is copyright The Board of Trustees of the University of Illinois (UI), and ownership remains with the UI. The UI grants you a license without a fee to use the Mosaic software for personal, academic, research, government and internal business purposes.

Mosaic operates under Microsoft Windows on one of the following processor architectures.

**Windows 3.1x, Windows for Workgroups 3.1x, Windows 95, Windows NT 3.5x**

Intel iX86 - Intel's 386, 486, and Pentium processors

**Windows NT 3.5x**

DEC aXP	- Digital Equipment Corporation (DEC) aXP 64-bit processor
MIPS PC	- Mips Technology processor
Power PC	- Motorola, IBM, Apple Power PC processor

## ***File Menu Commands***

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File	
<u>O</u> pen Document...	Ctrl+O
Ope <u>n</u> <u>L</u> ocal File...	Ctrl+L
Save <u>A</u> s...	Ctrl+S
Save as <u>T</u> ext	
<u>P</u> rint...	Ctrl+P
Print Pre <u>v</u> iew	
P <u>r</u> int Setup...	
<u>N</u> ewsgroups...	
Send E <u>m</u> ail...	
<u>D</u> ocument Source...	
E <u>x</u> it	

**Open Document...**

Opens a dialog box where you enter the address of a document. Presently these addresses are in the form of a URL:

(protocol://machine.name/directory/path/filename.html)

Select the green check to load the document or the red X to abort the request.

**Open Local File...**

Opens a standard Windows Open dialog box that lets you open a file on your local system. Select the desired HTML or ASCII file and select OK to load the document.

**Save As...**

Opens a standard Windows Save As dialog box that lets you save the current document in its original format (i.e., HTML or ASCII).

**Save As Text**

Opens the Save As Text dialog box that lets you save the current document in ASCII format, omitting the inline images and table information that may be included in the document.

**Print**

Opens a Print dialog box, that displays the status of your current printer and the print range. Select OK to print the current document.

**Print Preview**

Mosaic displays the current document in a preview format. Within print preview there are several functions that allow you to view the present document as it will appear on the printer. Select Print... to print the document, or Close to close print preview.

**Print Setup**

Opens a dialog box that allows you to configure the define or configure the settings of the printer.

**Newsgroups**

Displays the list of subscribed newsgroups in the Mosaic document view Window.

**Send Email**

Opens the Mail... dialog box. Enter the address of the receiver, the subject, and content of the mail message. You can include the URL of the current document, the text of the current document, include a file using the Import File feature and append a signature file to the end of the mail message with a click of the button. Select Send and Mosaic send the mail message to the mail server you defined in your Preferences, Services menu. Select Abort to cancel the email message.

**Document Source**

Opens the Document Source window, which displays the source file of the current document. Most are in HTML format, but some files are ASCII.

The document source window has two menus (File and Edit). The File menu, has a Save function that allows you to save the source file. The Edit menu, has a Copy function that allows you to copy information from the file to the Windows Clipboard.

**Exit**

Closes the window and exits NCSA Mosaic.

## ***Edit Menu Commands***

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Edit	
C <u>o</u> py	Ctr <u>l</u> +C
P <u>a</u> ste	Ctr <u>l</u> +V
F <u>i</u> nd...	
S <u>e</u> lect All	

**Copy**

Copies the selected text to the clipboard. Text can be selected from the document view window, document location bar, the document source window, and text-entry fields in various interactive windows (e.g., the Open Document... window ).

**Paste**

Pastes the selected text to the current cursor position. Text can be pasted into the document location bar , text-entry fields in various interactive windows (e.g., Open Document...) , and into forms within the document view window.

**Find...**

Opens the Find dialog box. Enter the characters, words, or phrases you want to search for in the current document. Click Find Next to begin search. If you want your search to be case sensitive, make certain the Match Case box is checked.

**Select All**

Selects all the text in the Document View Window. Select copy from the Edit menu or from the tool bar to copy all text to the clipboard.

## *Options Menu Commands*

The first four entries on the Options menu are toggles--if a check mark appears before the item, it is on or active. If no check mark appears, the function is turned off or inactive.

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<u>O</u> ptions	
✓ Show <u>T</u> oolbar	Alt+T
✓ Show <u>S</u> tatus Bar	Alt+S
✓ Show <u>L</u> ocation Bar	Alt+U
<u>P</u> resentation Mode	Alt+P
<u>P</u> references...	

**Show Toolbar**

When checked, the Toolbar is active and appears below the menu bar. The toolbar offers easy access to several functions: Save to Disk, Save to Disk, Print, Print Preview, Back, Forward, Reload, Load Home Page, Find, Save to Hotlist, Read Newsgroups, Send Internet Mail, and About.

**Show Status Bar**

When Show Status Bar is active, the status bar is displayed at the bottom of the Mosaic window. The status bar contains three areas, Text status, Graphic status, and a Download indicator. Select the status bar on the main page for more information.

**Show Location Bar**

When checked, the Location Bar is displayed under the Toolbar if it is active or under the Menu bar if the Toolbar is not active. The location bar has a few functions: The X allows you to cancel an entry in the location field and it returns the field to the original document address. Selecting the Check submits the current address and prompts Mosaic to load the document. The location field displays the address of the current document. The location field also allows you to enter an address to a document in the form of a URL. The arrow button opens a list box that contains a list of the document addresses visited during the current Mosaic session.

**Presentation Mode**

Expands the document view field to a full screen view. By default the title bar, menu bar, tool bar, location bar, and status bar are turned off. You can toggle the tool bar, Location bar and status bar on and off using Alt + T, Alt +L, and Alt +S respectively. Alt-P toggles the presentation mode on and off..

## *Navigate Menu Commands*

*Mosaic Help is context sensitive, click on the area where you need help:*

Navigate	
<u>B</u> ack	B
<u>F</u> orward	F
<u>R</u> eload	R
<u>H</u> ome	H
History	
<u>A</u> dd Current To Hotlist	
Hotlist <u>M</u> anager...	

**Back**

Moves back one document in the history list. Dimmed when there is no previous document.

**Forward**

Moves forward one document in the history list. Dimmed when the current document is the last one in the history list.

**Reload**

Reloads the current document.

**Home**

Loads the document defined in the Options, Preferences, General, Home Page field. See the documentation for more information about setting a home page.

**History**

Opens a window that contains a tree history of the document addresses (URLs). The current document is highlighted and you can move to any other document in the list by doubleclicking on the address.

**Add Current to Hotlist**

Adds the title and URL of the current document to the hotlist that is defined in the Hotlist Managers Add to: field.

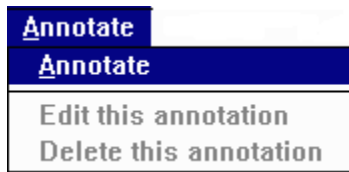
**Hotlist Manager** Loads the document defined in the Options, Preferences, General, Home Page

field. See the documentation for more information about setting a home page.

Opens the Hotlist Manager window where you manage the elements within your hotlist.

## *Annotate Menu Commands*

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See online documentation on Mosaic homepage for a more information on annotations.

**Annotate**

Opens an annotations window that allows you to add, edit, view or delete annotations to the document in Mosaics document view window.

**Edit This Annotation**

Opens the NCSA Mosaic Annotate window to allow you to edit (or delete) the annotation currently being viewed. This menu entry is only active when you are viewing an annotation.

**Delete This Annotation**

Deletes the annotation that is currently being viewed. This menu entry is only active when you are viewing an annotation.

## ***Hotlists***

Hotlists are user defined shortcuts to World Wide Web documents. By default we provide a list of documents that we thought would be interesting to the Mosaic user group. See the documentation for Hotlist Manager for more information about configuring the list of document titles and addresses.

## *Help Menu Commands*

*Mosaic Help is context sensitive, click on the area where you need help:*

<b><u>H</u>elp</b>
<b><u>C</u>ontents</b>
<b><u>S</u>earch for Help On</b>
<b><u>H</u>ow to Use Help</b>
<b><u>O</u>nline Documentation</b>
<b><u>F</u>AQ Page</b>
<b><u>B</u>ug List</b>
<b><u>F</u>eature Page</b>
<b><u>A</u>bout Windows Mosaic...</b>
<b><u>M</u>ail Technical Support...</b>

**Contents**

Opens the first page of the Mosaic context sensitive help page.

**Search on Help**

Opens a search window relative to Mosaic Help

**How To Use Help**

Opens the standard Windows Help tutorial.

**Online Documentation**

Links to the NCSA Mosaic for Microsoft Windows Online  
User's Guide.

**FAQ Page**

Links to the online FAQ page.

**Bug List**

Links to the online Bug List.

**Feature Page**

Links to the online Feature List, which includes current features description in detail.

**About Windows Mosaic**

Opens a Document View window displaying the current version information, copyright statement, and a list of the current developers.

**Mail Technical Support**

Opens a Document View window so you can email to the NCSA Mosaic for Windows technical support staff. You can automatically include your system



### **Open Document...**

Opens a dialog box where you enter the address of a document. Presently these addresses are in the form of a URL:

(protocol://machine.name/directory/path/filename.html)

Select the green check to load the document or the red X to abort the request.



### **Save As**

Opens a standard Windows Save As dialog box that lets you save the current document in its original format (i.e., HTML or ASCII).

**Print**

Opens a Print dialog box, that displays the status of your current printer and the print range. Select OK to print the current document.



### **Print Preview**

Mosaic displays the current document in a preview format. Within print preview there are several functions that allow you to view the present document as it will appear on the printer. Select Print... to print the document, or Close to close print preview.



## **Copy**

Copies the selected text to the clipboard. Text can be selected from the document view window, document location bar, the document source window, and text-entry fields in various interactive windows (e.g., the Open Document... window ).

**Paste**

Pastes the selected text to the current cursor position. Text can be pasted into the document location bar , text-entry fields in various interactive windows (e.g., Open Document...) , and into forms within the document view window.

**Back**

Moves back one document in the history list. Dimmed when there is no previous document.

**Forward**

Moves forward one document in the history list. Dimmed when the current document is the last one in the history list.



## **Reload**

Reloads the current document.



## **Home**

Loads the document defined in the Options, Preferences, General, Home Page field. See the documentation for more information about setting a home page.



### **Find...**

Opens the Find dialog box. Enter the characters, words, or phrases you want to search for in the current document. Click Find Next to begin search. If you want your search to be case sensitive, make certain the Match Case box is checked.



### **Add Current to Hotlist**

Adds the title and URL of the current document to the hotlist that is defined in the Hotlist Managers Add to: field.



## **Newsgroups**

Displays the list of subscribed newsgroups in the Mosaic document view Window



### **Send Email**

Opens the Mail... dialog box. Enter the address of the receiver, the subject, and content of the mail message. You can include the URL of the current document, the text of the current document, include a file using the Import File feature and append a signature file to the end of the mail message with a click of the button. Select Send and Mosaic send the mail message to the mail server you defined in your Preferences, Services menu. Select Abort to cancel the email message.



## **About Windows Mosaic**

Opens the Mosaic Help Contents Page. (This page... ;^)



### **Retrieving/Interrupt**

The animated Mosaic logo acts as a visual indicator letting you know when Mosaic is busy downloading a file and as a download interrupt. Click on the Mosaic logo or press Esc on the keyboard to cancel a file request.

## Location Bar



The location bar has a few functions: The X allows you to cancel an entry in the location field and it returns the field to the original document address. Selecting the Check submits the current address and prompts Mosaic to load the document. The location field displays the address of the current document. The location field also allows you to enter an address to a document in the form of a URL. The arrow button opens a list box that contains a list of the document addresses visited during the current Mosaic session.

 or


 **Disconnected/Connected**

A visual indicator to show whether Mosaic is waiting for the information server to respond or it has made a connection to the server.

 **Disk Cache**

Indicates that the requested HTML document is being pulled from the disk cache and not from the associated information server.

 or

 **Waiting/Reading**

A visual indicator to show whether Mosaic is waiting to receive the required file or is currently reading data from the information server.

### **Image Loading**

A visual indicator that appears when inline images are a part of a document. To the right of the image icon appears the number of inline images associated with the current document. This number decreases as the inline image files are received and loaded into the page.

### **Progress Meter**

The Mosaic progress indicator is a visual aid to help you determine the amount of bytes received for a file. One hundred percent of the file has been received when the indicator is full.

**Text Status**

Reports messages concerning connectivity to the information server and the status of a file download while Mosaic is trying to retrieve. While Mosaic is idle, the text status area displays the document address of a link when the mouse pointer is placed over a hyperlink.

**Image Anchor**

An inline image that links to other information. Inline image anchors are denoted by a border that has the same color as the text anchors. Click on the anchor to link to the information.

**Text Anchor**

A word(s) that link to other information.

**Title Bar**

The title bar displays both the title of the application and the title of the currently displayed document.

**System Menu**

Opens the standard Windows system menu.

**Minimize/Maximize**

The down arrow minimizes the Mosaic window and the up arrow maximizes the window to fit the entire screen.

## *Preferences Dialog Box*

### *General*

*Mosaic Help is context sensitive, click on the area where you need help:*

The image shows a screenshot of the Mosaic Preferences Dialog Box, specifically the General tab. The dialog box has a title bar and a menu bar with the following tabs: General, Viewers, Services, Proxy, Tables, Anchors, Fonts, Cache, and Audio. The General tab is selected and contains several sections of settings:

- Toolbars at Startup:** Three checkboxes are checked: ☒ Show Toolbar, ☒ Show Location Bar, and ☒ Show Status Bar.
- Inline Images:** Two checkboxes are present: ☒ Display Inline Images and ☐ 3D Borders. Below these is a button labeled **Background Color**.
- Miscellaneous:** Three checkboxes are present: ☒ 3D Rules, ☒ Round List Bullets, and ☐ Use Internal (8-bit) Sound.
- Home Page:** A section with a checkbox ☒ Autoload and a text field containing the URL `http://www.ncsa.uiuc.edu/SDG/Software/WinMosaic/HomePage.html`.
- Initial Window Placement:** A section with four text input fields: X (Horiz) Pos: 15, Y (Vert) Pos: 15, Width: 684, and Height: 719. Below these fields is a button labeled **Use Current Window Position**.
- Display:** A section with four checkboxes: ☒ Display Text While Loading, ☒ Display Images While Loading, ☐ Disable Display While Loading, and ☒ Use <BODY> Attributes.

At the bottom of the dialog box are four buttons: **OK**, **Cancel**, **Apply Now**, and **Help**.

**Show Toolbar**

When checked, the toolbar appears on startup.

**Show Location Bar**

When checked, the location bar appears on startup.

**Show Status Bar**

When checked, the status bar appears at the bottom of the Mosaic window on startup.

**Display Inline Images**

When checked, inline images appear within a document. When blank, inline images and background images are not shown. Instead, the position of an inline image is marked with a image icon and if it is available, alternate text is displayed.

**3D Borders**

Provides a three-dimensional borders around inlined images.

Lets you choose a new background color for the document window.

**3D Rules**

Show Horizontal Rules, <HR>, three-dimensional lines instead of solid black line.

**Round List Bullets**

Displays a 3D bullet at the beginning of each list item instead of a dash

**Use Internal (8 Bit) Sound**

Converts audio/basic (.au) files to 8 bits before sending them to the sound device. This option is overridden if a viewer is defined.

Identify your home page URL here. The page is loaded on startup if the Autoloadbox is checked.

Set the default position and size of the Mosaic window on startup.  
Click Use Current Window Position to use the current position and size as the default.

**Display Text while Loading**

If checked, displays the document while it is being downloaded.

**Display Images While Loading**

If checked, displays inline images after they are downloaded.

**Disable Display While Loading**

If checked, Mosaic waits until the document and all images are downloaded before they are displayed.

**Use <BODY> Attributes**

Display the HTML 3.0 <BODY> tag attributes. In particular, the background image tags.

## *Preferences Dialog Box*

### *Viewers*

*Mosaic Help is context sensitive, click on the area where you need help:*

NCSA Mosaic for Microsoft Windows can use other applications to display file types such as, Microsoft Word, Postscript, MPEG movies, quicktime movie, Image, etc. These applications can be commercial software, shareware, freeware or copyright software and we refer to them as external viewers. In general, if an application can accept command line inputs, Mosaic can use it as an external viewer. When Mosaic downloads a file that it cannot display, Mosaic can pass the file to an external viewer and this application will display the file to you. For example, if you have Microsoft Word, you can configure Mosaic to pass all files that have the MIME (Multipurpose Internet Mail Extension) type of application/msword or files extended with .doc to your Microsoft Word application.

For more information about MIME types, available viewers and configuring Mosaic to use specific viewers, see the following URL:

<http://www.ncsa.uiuc.edu/SDG/Software/WinMosaic/viewers.htm>

Use this preference page to configure your applications as external viewers. The following fields can be edited but do so with caution. If you have problems with a MIME/Viewer configuration, check the appropriate MIME type for typos. You can find a list of MIME types from the above URL. Editing the information in these fields will change your current viewer configuration.

The screenshot shows the 'Viewers' tab of the NCSA Mosaic Preferences Dialog Box. The dialog has a title bar and a menu bar with the following tabs: General, Viewers (selected), Services, Proxy, Tables, Anchors, Fonts, Cache, and Audio. The main content area contains four labeled text input fields and two buttons. The first field is 'Associate MIME Type of:' with the text 'audio/au' and a download icon button. The second field is 'Description of MIME Type (Optional):' with the text 'Audio File Format - WAVE'. The third field is 'With this/these extensions:' with the text '.wave,.wav,.WAV'. The fourth field is 'To This Application:' with the text 'c:\winapps\wplany\wplany.exe' and a 'Browse...' button. Below these fields are 'Add' and 'Remove' buttons. At the bottom of the dialog are 'OK', 'Cancel', 'Apply Now', and 'Help' buttons.

General	<b>Viewers</b>	Services	Proxy	Tables	Anchors	Fonts	Cache	Audio
<b>Associate MIME Type of:</b> audio/au [Download Icon]								
<b>Description of MIME Type (Optional):</b> Audio File Format - WAVE								
<b>With this/these extensions:</b> .wave,.wav,.WAV								
<b>To This Application:</b> c:\winapps\wplany\wplany.exe [Browse...]								
<div>Add Remove</div>								
<div>OK Cancel Apply Now Help</div>								



**Associate MIME Type of:**

Displays the MIME types and subtypes. Click on the arrow button to view the current list of MIME types.

**CAUTION:** If you edit information in this field, it will change your view configuration.

**Description of MIME Type (Optional):**

A description of the MIME type displayed in the above field.

**With This/These Extensions:**

Enter the file extension(s) associated with the MIME type displayed in the Associate MIME Type of: field.

**To this Application:**

Enter the path and the executable name of the external viewer. Make certain the application software is capable of handling the MIME type. Use the Browse... function to create this association.

**Browse...**

Opens the standard Windows tree format dialog box for viewing your directories and files. Find the appropriate application software and click OK. Mosaic then fills in the appropriate information in the To this Application: field.

**Add**

Click to add a new MIME type and associated information to your MIME type list.

**Remove**

Click to delete the current MIME type and all associated information from your MIME type list.

## *Preferences Dialog Box*

### *Services*

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The screenshot shows the 'Services' tab of the Mosaic Preferences Dialog Box. The dialog has a title bar with tabs: General, Viewers, Services (selected), Proxy, Tables, Anchors, Fonts, Cache, and Audio. The main content area is divided into several sections: Mail, FTP, News, and Telnet. The Mail section contains fields for Name (Mosaic Tech Support), E-mail Address (mosaic-w@ncsa.uiuc.edu), and SMTP Server. The FTP section has checkboxes for 'Use Extended FTP' (checked) and 'Display FTP Messages'. The News section includes 'Display Options' (Thread View, Group View, Tree View selected), a 'Load All Articles' checkbox, and numeric fields for 'Number of articles to load' (30) and 'Number of articles to display' (20). It also has fields for 'NNTP Server' and '.sig file', and a 'Subscriptions' button. The Telnet section has a text field, a 'Browse' button, and radio buttons for 'Host:port' (selected) and 'Host port'. At the bottom are buttons for OK, Cancel, Apply Now, and Help.

General	Viewers	Services	Proxy	Tables	Anchors	Fonts	Cache	Audio
<b>Mail:</b>								
Name:		Mosaic Tech Support						
E-mail Address:		mosaic-w@ncsa.uiuc.edu						
SMTP Server:								
<b>FTP:</b>								
<input checked="" type="checkbox"/> Use Extended FTP								
<input type="checkbox"/> Display FTP Messages								
<b>News</b>								
Display Options:		<input type="checkbox"/> Load All Articles						
<input type="radio"/> Thread View		Number of articles to load:		30				
<input type="radio"/> Group View		Number of articles to display:		20				
<input checked="" type="radio"/> Tree View		NNTP Server:						
<b>Subscriptions</b>		.sig file:						
<b>Telnet</b>								
<b>Browse</b>								
<input checked="" type="radio"/> Host:port								
<input type="radio"/> Host port								
OK Cancel Apply Now Help								

**Name:**

Enter your name.

**E-mail Address:**

Enter your email address

**SMTP:**

Enter the name of your mail server.

**Use Extended FTP**

Associates a meaningful icons with directories and file-types. Mosaic also displays the size for each file on an FTP server. When blank, Mosaic will only display the names of the files and/or directories.

**Display FTP Messages**

Mosaic opens a dialog box listing the messages generated by the FTP server.

Display Options offers three ways of handling news offerings. Select one from among the three choices:

**Thread View**

Display the top level messages without reply messages.

**Group View**

Display the top level message and the first level of replies.

**Tree View**

Display the top level and all replies in hierarchical format. (Replies to replies are represented at different levels of the hierarchy.)

**Load All Articles:**

When checked Mosaic loads all available news article headers for the newsgroup you select in Mosaics News interface. This feature disables the Number of articles to display: feature.

**Number of articles to load:**

Number of news article headers you want Mosaic to retrieve from the news server.

**Number of articles to display:**

Number of articles,(10-100), you want Mosaic to display in the document view window.

**NNTP Server:**

Enter the name of your news server

**.sig file**

Enter the path to a signature,(.sig), file. A signature file is a text file that contains contact information about you and/or your organization. This file is used when post a message to a newsgroup or mail a message using.

**Path name**

Enter the path of your Telnet application, for example, c:\directory\filename. If you are not sure about the specific path, click Browse, which opens the standard Microsoft Windows browse window. Find your telnet application, click OK, and Mosaic will make the association.

Telnet applications use either a colon or a space to distinguish a specific port number. Select one of the options based on applications your needs.

**Host:port:**

When selected, Mosaic uses a colon to distinguish the port number as specified in the document URL field.

**Host port:**

When selected, Mosaic uses a space when you specify a port number.

## *Subscriptions*

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The screenshot shows a 'News Subscriptions' dialog box with a blue title bar. It contains a 'Newsgroups' section with a search field and a list of available newsgroups. Below this is a 'Subscribed:' section with a list of currently subscribed newsgroups. On the right side, there are buttons for 'Update', 'Select All', 'Unselect All', 'OK', and 'Cancel'. The 'Subscribe' and 'Unsubscribe' buttons are located between the 'Available' and 'Subscribed' lists.

**News Subscriptions**

**Newsgroups**

Search

Available:

- alt.1d
- alt.2600
- alt.3d
- alt.activism
- alt.activism.d
- alt.adoption
- alt.alien.visitors
- alt.amazon-women.admirers
- alt.angst
- alt.answers
- alt.appalachian
- alt.aquaria

Subscribed:

- comp.infosystems.www.browsers.ms-windows

**Search:**

Enter the name or prefix of a newsgroup. If the newsgroup is available in the list, Mosaic displays the newsgroup(s) after you stop typing.

**Available:**

Displays the names of newsgroups available from your default news server.

**Update:**

Click to update your list of available newsgroups from your default server.

**Subscribe:**

Adds selected newsgroups from the Available field to the Subscribed field.  
Select a newsgroup from the Available list, click Subscribe to move the newsgroup to the Subscribed list.

**Unsubscribe:**

Deletes selected newsgroups from the Subscribed list to the Available list.  
Select a newsgroup from the Subscribed list then click on Unsubscribe to move the newsgroup to the Available list.

**Select All:**

Selects every entry in either the Available field or the Subscribed field depending on the location of your cursor.

**Unselect All:**

Deselects the entries that were selected.

**Subscribed:**

Displays the list of the newsgroups you selected.

## *Preferences Dialog Box*

### *Proxy*

*Mosaic Help is context sensitive, click on the area where you need help:*

Firewalls are employed by many organizations to protect their local area networks from intruders and to prevent unauthorized employees from leaving the LAN. Unfortunately, firewalls also prevent NCSA Mosaic from directly retrieving documents over the Internet without the use of a proxy gateway.

A proxy gateway allows Mosaic to request information from outside the firewall. The proxy gateway (or proxy server) receives an Internet request (in the form of a URL) from a Mosaic application running inside the firewall. The proxy gateway then makes the request to the Internet and sends the information back to the requesting Mosaic session behind the firewall. Thus network requests are handled exclusively by the proxy server because it is usually the only machine connected to the Internet. Users behind a firewall should feel directly connected to the Internet.

Proxy gateway support in NCSA Mosaic for Microsoft Windows is currently implemented on a per access method basis, which means different URL access methods may send requests to different proxy servers. Current access methods are ftp, gopher, wais, and http. Requests to ftp sites may go through one proxy server while requests to a web server may go to another.

Configure proxy gateway support using this preferences menu.

The image shows a screenshot of the 'Proxy' tab in the NCSA Mosaic Preferences dialog box. The dialog has a title bar and a menu bar with tabs: General, Viewers, Services, Proxy (selected), Tables, Anchors, Fonts, Cache, and Audio. The main area contains four text input fields for proxy servers: HTTP Proxy Server, FTP Proxy Server, WAIS Proxy Server, and Gopher Proxy Server. Below these is a 'Machine/Domain List' section with a list box containing 'proxy' and 'all others'. To the right of the list box are four buttons: Add, Remove, Proxy, and No Proxy. At the bottom of the dialog are four buttons: OK, Cancel, Apply Now, and Help.

Tab	HTTP Proxy Server	FTP Proxy Server	WAIS Proxy Server	Gopher Proxy Server	Machine/Domain List	Buttons
General						
Viewers						
Services						
<b>Proxy</b>					proxy, all others	Add, Remove, Proxy, No Proxy
Tables						
Anchors						
Fonts						
Cache						
Audio						

Buttons: OK, Cancel, Apply Now, Help

Enter the name of the machine that is providing you with proxy services in each field (HTTP Proxy Server, FTP Proxy Server, WAIS Proxy Server, Gopher Proxy Server). If the same machine provides you with services for more than one protocol, enter that name in each field. If you have no proxy services for a listed protocol, leave the field blank.

For example:

**HTTP Proxy Server:**                      name.of.your.firewall.machine:portnumber

or

**HTTP Proxy Server:**                      proxy.ncsa.uiuc.edu:8080

**Machine/Domain List:**

This window lists the network domains that are or are not affected by the proxy services. For example, if you run a WWW server behind the firewall and you do not want to use the proxy server to gain access to that information. Instead you could enter the name of your subnet name and list it as no proxy. Since you are behind a firewall, you would proxy all other domains.

Example:

<b>no proxy</b>	<b>ncsa.uiuc.edu</b>
<b>proxy</b>	<b>all others</b>

**Add**

Opens a dialog box where you to enter the domain name or the IP number of a specific machine or domain to the Machine/Domain List (e.g., ncsa.uiuc.edu)

**Remove**

Removes the selected domain entry from the Machine/Domain List.

**Proxy**

Associates a proxy status with a selected domain; select a domain name and then choose Proxy or No Proxy.

**No Proxy**

Associates a proxy status with the selected domain; select a domain name and then choose Proxy or No Proxy.

NOTE: You can toggle the proxy/no proxy state of a domain by double clicking on the domain name in the Machine/Domain List area.

## *Preferences Dialog Box Tables*

*Mosaic Help is context sensitive, click on the area where you need help:*

The image shows a screenshot of the 'Tables' tab in the Mosaic Preferences Dialog Box. The dialog box has a title bar and a menu bar with the following tabs: General, Viewers, Services, Proxy, **Tables** (selected), Anchors, Fonts, Cache, and Audio. The main content area is divided into two sections: 'Table Display Options' and 'Table Color Settings'. In the 'Table Display Options' section, there are three checkboxes: '3D Tables' (checked), 'Recessed Tables' (unchecked), and 'Display Empty Cells' (unchecked). In the 'Table Color Settings' section, there are three color pickers: 'Red: 192', 'Green: 192', and 'Blue: 192'. Below these pickers is a 'Change' button. At the bottom of the dialog box, there are four buttons: 'OK', 'Cancel', 'Apply Now', and 'Help'.

Tab	Value
General	
Viewers	
Services	
Proxy	
<b>Tables</b>	
Anchors	
Fonts	
Cache	
Audio	

**Table Display Options**

Option	Value
<input checked="" type="checkbox"/> 3D Tables	checked
<input type="checkbox"/> Recessed Tables	unchecked
<input type="checkbox"/> Display Empty Cells	unchecked

**Table Color Settings**

Color	Value
Red	192
Green	192
Blue	192

**Buttons:** OK, Cancel, Apply Now, Help

**3D Tables:**

Displays all table borders as a 3D frame.

**Reversed Tables:**

Inverts the 3D border frame

**Display Empty Cell:**

Displays empty cells instead of making them appear as part of the frame.

**Red: Green: Blue:**

Displays the current RGB color value of the table frame.

**Change:**

Opens a dialog box where you can change the color of the table frame.

## *Preferences Dialog Box*

### *Anchors*

*Mosaic Help is context sensitive, click on the area where you need help:*

The screenshot shows the 'Anchors' tab of the Mosaic Preferences Dialog Box. The dialog has a title bar with tabs: General, Viewers, Services, Proxy, Tables, **Anchors**, Fonts, Cache, and Audio. The main content area is divided into several sections:

- Miscellaneous:** Contains four checked checkboxes: 'Change Cursor Over Anchor', 'Underlined', 'Show Location in Status Bar', and 'Visually Age Visited Anchors'. The 'Expire Visited Anchors' checkbox is also checked, with a value of '5' in a text field followed by '(days)'.
- Current Anchor Highlighting:** Contains four radio buttons: 'Framed', 'Button', 'Hatched', and 'None' (which is selected). To the right are three text fields for 'Red:', 'Green:', and 'Blue:' with values '0', '0', and '255' respectively. A 'Change...' button is located below these fields.
- Unvisited Anchor Color:** Contains three text fields for 'Red:', 'Green:', and 'Blue:' with values '0', '0', and '128' respectively. A 'Change...' button is below.
- Visited Anchor Color:** Contains three text fields for 'Red:', 'Green:', and 'Blue:' with values '128', '128', and '128' respectively. 'Change...' and 'Clear' buttons are below.
- Cached Anchor Color:** Contains three text fields for 'Red:', 'Green:', and 'Blue:' with values '0', '128', and '1' respectively. A 'Change...' button and a checked checkbox labeled 'On' are below.

At the bottom of the dialog are four buttons: 'OK', 'Cancel', 'Apply Now', and 'Help'.

**Change Cursor Over Anchor:**

If checked, cursor changes from the standard arrow to a hand with a pointing finger when the cursor is over a hyperlink or anchor.

**Underlined:**

If checked, all anchors are underlined. (This is particularly useful if you are using a black and white monitor.)

**Show URL in Status Bar:**

If checked, the URL of an anchor is displayed in the status bar when the cursor is on a hyperlink.

**Visually Age Visited Anchors**

Gradually changes the color of an anchor from the visited or cached color to the unvisited color as the anchor gets closer to the expiration period specified.

**Expire Visited Anchors:**

Length of time before an anchor revert to the unvisited anchor color.

**Red: Green: Blue:**

Displays the RGB value for the current anchor color.

**Change...**

Opens a dialog box where a new color can be selected from a color palette.

Using a framed, buttoned, or hatched anchor, the left and right arrow keys are enable for anchor navigation. The left arrow key takes you back to the previous anchor and the right arrow will jump you to the next anchor in a document.

**Framed:**

Surrounds the current anchor with a solid frame.

**Button:**

Gives the current anchor a 3D button effect.

**Hatched:**

Surrounds the current anchor with a broken frame.

**None:**

Anchors are not modified by a frame, button, or hatched effect; anchor navigation with the the left and right arrow keys is disabled.

**Red: Green: Blue:**

The current RGB color value of the anchor border.

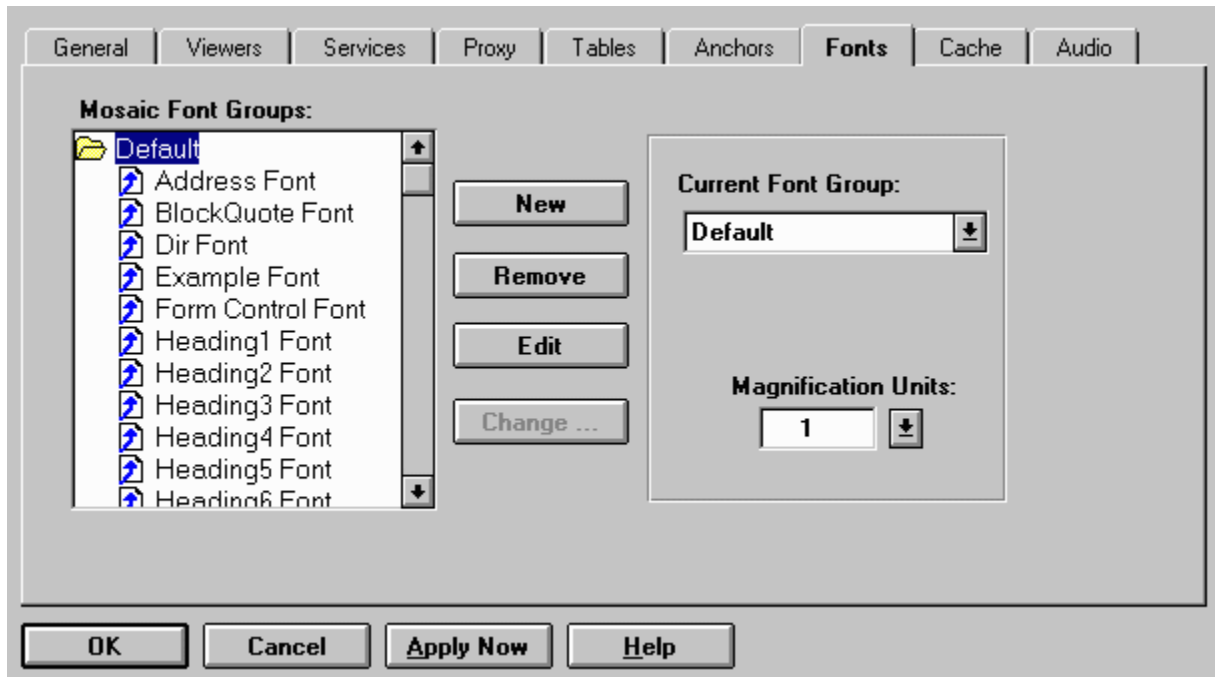
**Change...**

Opens a dialog box where a new color for the anchor border can be selected from a color palette.

## *Preferences Dialog Box*

### *Fonts*

*Mosaic Help is context sensitive, click on the area where you need help:*



**Mosaic Font Groups:**

Displays the name of the font groups available to Mosaic. To view the contents of the group double click on the group name.

**Default**

The default font group.

**New**

Opens a dialog box for entering the name of the new font group. After entering a name in the field, click in the box to create a new group or the X to cancel the function. The initial settings for a new font group reflect the current settings in the default group.

**Remove**

Deletes the selected font group

**Edit**

Changes the name of the font group.

**Change**

Opens a dialog box to change the font type, size, or color of the selected font.

**Current Font Group:**

Highlight the font group from this list that Mosaic uses on start-up.

**Magnification Units:**

The multiplicative value (1 to 5) that is used when the screen fonts are magnified or decreased using the + or - key.

## *Preferences Dialog Box Cache*

*Mosaic Help is context sensitive, click on the area where you need help:*

The screenshot shows the 'Cache' tab of the Mosaic Preferences dialog box. The dialog has a title bar with tabs: General, Viewers, Services, Proxy, Tables, Anchors, Fonts, Cache (selected), and Audio. The 'Memory Cache' section contains a label 'Number of documents kept in memory:' followed by a text box containing the value '3'. The 'Disk Cache' section contains a label 'Location:' followed by a text box containing 'C:\MOSAIC\CACHE\'. Below this is a label 'Size (KB):' followed by a text box containing '1024'. To the right of the size box are two checked checkboxes: 'Clear Cache On Exiting Mosaic' and 'Check Modification Date From Server:'. Below these are two radio buttons: 'Once Per Session' (selected) and 'Always'. To the left of the radio buttons are two checked checkboxes: 'Enabled' and 'Fast Image Caching', and one unchecked checkbox: 'Never purge home page'. At the bottom of the dialog is a button labeled 'Advanced Cache Manager'. At the very bottom are four buttons: 'OK', 'Cancel', 'Apply Now', and 'Help'.

General Viewers Services Proxy Tables Anchors Fonts **Cache** Audio

**Memory Cache**

Number of documents kept in memory: 3

**Disk Cache**

Location: C:\MOSAIC\CACHE\

Size (KB): 1024

☒ Clear Cache On Exiting Mosaic

☒ Check Modification Date From Server:

☒ Once Per Session

☐ Always

☒ Enabled

☒ Fast Image Caching

☐ Never purge home page

Advanced Cache Manager

OK Cancel Apply Now Help

## **Memory Cache**

### **Number of documents kept in memory:**

The number of documents maintained in memory cache during a Mosaic session

The memory cache is volatile.

## **Disk Cache**

### **Location:**

Define the drive: (\directory\path\) to the directory used to maintain the non-volatile disk cache (e.g., c:\Mosaic\Cache\)

### **Size (KB):**

The number of KBs allocated to the disk cache (1M = 1024KB)

### **Enabled:**

If checked, disk cache is enabled.

### **Fast Image Caching:**

Converts cached inlined images into a .bmp format, which increases the pagination speed of the inlined image as they are loaded from the disk cache.

### **Never purge home page:**

If checked, the home page is always in the disk cache.

### **Clear Cache on Exiting Mosaic**

Mosaic clears the disk cache when you exit the program.

### **Check Modification Date From Server:**

If checked, Mosaic makes certain the most current version of the document is being viewed when a document is reloaded. Mosaic does this by query the server for the header of the document, which contains the file's size and modification dates. If this information changes, Mosaic downloads and displays the more recent version. If the information is static, Mosaic loads the document from the disk cache. You can set Mosaic to check the documents once per session or every time Mosaic loads a document.

# Advanced Cache Manager

*Mosaic Help is context sensitive, click on the area where you need help:*

Cache Management

Hits	Size	File	URL
1	3996	b5rc.htm	http://sdg.ncsa.uiuc.edu/Public/betae
1	103478	mosback2.gif	http://sdg.ncsa.uiuc.edu/Public/betat

\* Never Purge

The cache has 2 items (105.0 KB)

Cache Hit Percentages: 16.5 (global) 0.0 (session)

Cache the following mime types?

yes

text/html

↑

yes

audio/au

yes

application/postscript

yes

image/gif

yes

image/jpeg

↓

Yes

No

Load URL

Delete

Never Purge

Can Purge

Clear All

Sort by:

☒ File

☐ Server

☐ Size

☐ Hits

☐ MIME

Close

**Hits**

The number of times the file has been hit from the cache.

**Size**

The size of the file.

**File**

The actual name of the file.

**URL**

The original URL to the file.

Below this box is statistical information relative to the contents of the cache (e.g., total number of files, the actual size of the disk cache (KB)). The Cache Hit Percentage shows the percentage of times you accessed the cache during the life of the cache and during the present Mosaic session.

Cache the following mime types? is a list of the current MIME types listed in your viewers section and the cache status for each MIME type.

Select a MIME type from the Cache the following mime types? field and click Yes to add a type of file to your disk cache. Select a MIME type from the Cache the following mime types? field and click No to delete a type of file from the disk cache.

**Load URL:**

Select a URL from the cache management window and click to load the file.

**Delete:**

Deletes the selected item from the cache.

**Never Purge:**

Highlight an item in the cache and click this button to save the URL permanently. Items are marked by an asterisk (\*) next to the Hits number.

**Can Purge:**

Highlight an item marked as Never Purge and click this button to removed the asterisk marking the file. If Check Modification Date From Server is checked, Mosaic updates the file the next time you visit the web site.

**Clear All:**

Removes the contents of the disk cache. If items are flagged Never Purge, verify that you want to delete these items.

**File:**

Sorts the cache management window by the file type

**Server:**

Sorts files by WWW server name.

**Size:**

Sorts by file size.

**Hits:**

Sorts by the number of times the file is hit from the cache. (The first element in the list has the highest hit percentage.)

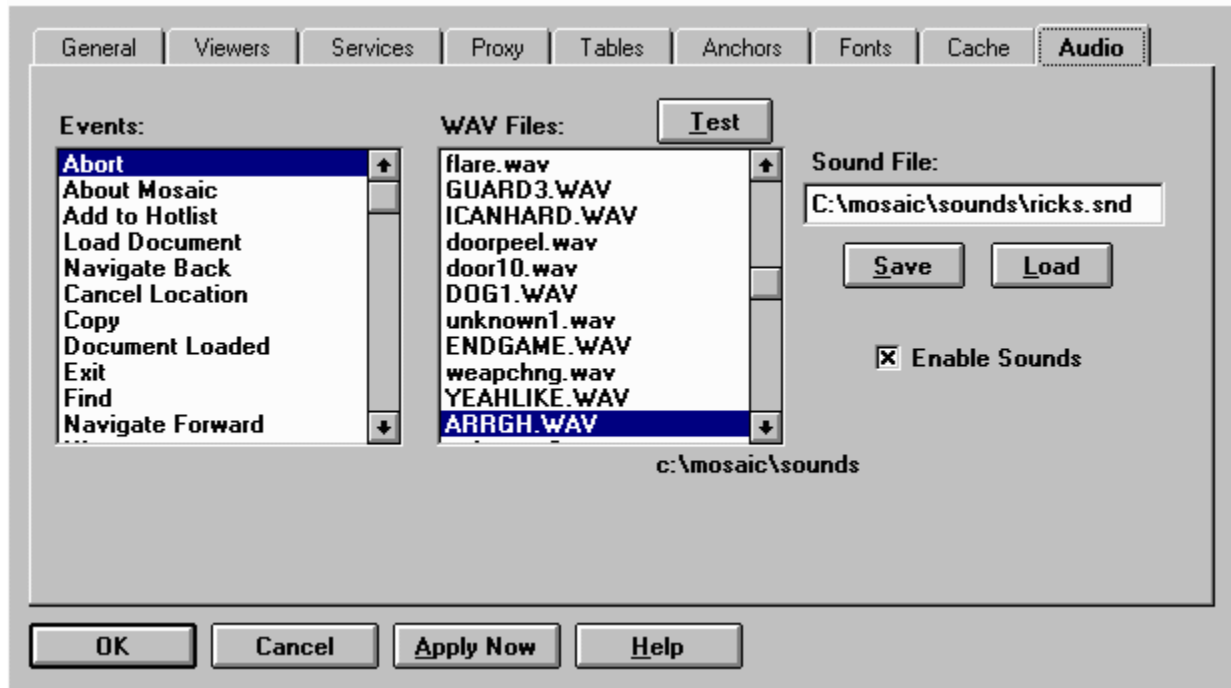
**Mime:**

Sorts by MIME type.

## *Preferences Dialog Box*

### *Audio*

*Mosaic Help is context sensitive, click on the area where you need help:*



A listing of various events that activate a specific sound within Mosaic. To see an explanation of the various events, click [here](#).

## *Events*

A maximum of twenty-five Mosaic events can be associated with any of the .wav audio files on your system. An audio tone is sent when a .wav sound file is associated with one of the following events:

**Abort**

Left mouse click on the Mosaic logo or pressing the ESC key

**About Box**

From the Help menu, About Windows Mosaic... or the Question Mark in the Tool Bar

**Add to Hotlist**

The Add to Hotlist icon in the toolbar or open the Hotlist Manager (Navigate, Hotlist Manager) and select Edit, Add Current at Selection Point

**Load Document**

Select the green check next to the URL command or press ENTER.

**Navigate Back**

Select the left arrow icon from the toolbar or Navigate, Back.

**Cancel URL Bar**

Select the red X next to the URL command line.

**Copy**

Select a range of text in a document and the Copy icon from the toolbar or CTRL+C

**Done Loading**

Audio notification when Mosaic has received and loaded the document into the document view window.

**Find**

Select the Find icon from the toolbar or Edit, Find

**Navigate Forward**

Select the right arrow icon from the toolbar or Navigate, Forward

**History**

Select Navigate, History

**Home**

Select the House icon from the toolbar or Navigate, Home

**Image Loaded**

Audio notification when Mosaic loads an image into the document view window.

**Mail**

Select the Mail icon from the toolbar, or use File, Send Email... or enter mailto: name@address in the URL command line.

**News**

Select the News icon from the toolbar, or use File, Newsgroups... or enter news:newsgroups into the URL command line.

**Open**

Select the Open URL icon from the toolbar, or by selecting File, Open URL... (CTRL+O) or File, Open Local File... (CTRL+L)

**Paste**

Select the Paste icon from the toolbar or Edit, Paste (CTRL+V).

**Preferences**

When you select Options, Preferences...

**Presentation Mode**

Select Options, Presentation Mode (ALT+P)

**Print**

Select the Print icon from the toolbar or select Edit, Print...

**Print Preview**

Select the print preview icon from the toolbar or File, Print Preview...

**Reload**

Select the reload icon from the toolbar or Navigate, Reload

**Save**

Select the save icon from the toolbar or File, Save As...

**Shutdown**

Doubleclick on the upper left system menu or File, Exit

**Startup**

Mosaic greets you when you start the application.

**WAV Files:**

A list of all WAV files that are to be associated with a specific event.

**Test**

Test the highlighted WAV file by playing it back.

**Sound File:**

A sound scheme file that contains a listing of WAV files and their locations.

**Save**

Saves the current collection of events and associated sound files either in a new specified file or over the currently listed SND file.

**Load**

Loads another specified SND file.



