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## 1. There are no mosaic.ini updates with Alpha7.

NOTE: There was additional information added to the mosaic.ini in Alpha 6. For more information see the following URL:

<http://www.ncsa.uiuc.edu/SDG/Software/WinMosaic/WinMosaicInstall.html#A6ini>

## 2. - Bug fixes and enhancement list

### NCSA Mosaic v. 2.0 alpha 7

#### Bug Fixes

- Local files are no longer deleted.
- Local files are no longer duplicated.
- file:// = ftp:// (Alpha 6 locked file:// for local files and ftp:// for remote files. However, due to the large number of existing files that were written using the old definition of file://, we had to revert back to file:// = ftp://. Thus, file:///c| MUST be used to access local files.)
- Image alignment problem. Inline images align horizontally.
- The -i option was fixed. (-i allows the user to use the mosaic.ini that is explicitly defined. ie. mosaic.exe -i c:\ncsa\mosaic.ini)

#### Added Features

- The save, save as function. Save and Save as will save the current document to your local disk.
- Animated Icon Change. We've changed the size of the icon to be relative to the amount of space that is available in the window. ie. If you use both the tool bar and the Show Current URL functions, you will have a full-size animated icon. If you choose not to use either of these functions, the icon will be reduced in size to fit in the available space.
- Tool tips were added. Tool tips offers the user information about the current tool the mouse cursor is pointing at in the Tool bar.
- The find icon on the Tool bar has changed from the list icon to a binocular icon.
- We've removed the "URL" title from the "Show Current URL"

### NCSA Mosaic v. 2.0 alpha 6

#### Bug Fixes

- This latest release has focused on speed and memory issues. Our next release, alpha 7,

will address many of the bugs which you have reported to us. The following bugs have been fixed in alpha 6:

- The loading of local URLs should no longer produce DNS Lookup failures.
- The loading of local images and sound files no longer deletes the file.
- The loading of images now shows the transfer progress.

### **Added Features**

- A face lift
- Speed
- Kiosk Mosaic
- Additional Help

## **NCSA Mosaic v. 2.0 alpha 5**

### **Bug Fixes**

- o There were two large memory leaks which occurred whenever an inline image was decoded and displayed. These leaks were approx. 1,000 bytes each.
- o The document view window was being drawn incorrectly whenever the user was at the bottom of a document, and Mosaic was re-sized.
- o XBM images are now properly read and do not result in an ERROR graphic.
- o XBM images used to require a LARGE amount of time to decode. The code was re-written and now .xbm's decode approximately 100 times faster.
- o The Printing bugs; large files, images, bold text, .txt files.
- o Some minor problems with dialog boxes were fixed.
- o The CRASH caused by incorrect HTML, <dt><dd> tags without the <dl> tag, was corrected. Mosaic is a little more forgiving, but not much. ;^)
- o The navigate back should now take you back to the last document viewed. Previously, Mosaic did not update the history when users accessed documents that were cached.

### **Enhancements**

- o It is now possible to edit the Document URL line directly to enter a URL. Enter the URL and Press return will open the edited URL.
- o The Vertical Scroll Bar is currently a permanent fixture on the document view window. This eliminates an extra screen redraw which would occur whenever the user went from a short document (less than one screenful) to a long document or vice versa. Ideally we'd like the vertical scroll bar to be dynamic without the extra redraws, but this will improve things for now.
- o The buttons on the button bar are now in color.
- o The "FIND" button was redrawn with a more intuitive picture. It used to look like a thermometer and may have lead people to believe it was for the hotlist.

## **NCSA Mosaic v. 2.0 alpha 4**

### **Bug fixes**

Fixed NEWS: URLs  
Fixed underline anchor bug  
Fixed problem with resizing when no document loaded  
Fixed problem with scrolling ISINDEX documents  
Fixed updating of NCSA icon  
Fixes problem with view source on cached documents  
Fixed bug with naming of temp files under Win31 (lost slash bug)

## **NCSA Mosaic v. 2.0 alpha 3**

### **Bug fix/Enhancement list**

Mosaic is now a 32-bit application  
printing (still has problems with bold, long documents, and images)  
Viewing/Saving of document source  
Access authentication  
GPF on forms reloading fixed  
Case insensitive find implemented  
GPF with Find Dialog fixed  
Vertical scrollbars no longer disappear in large files  
horizontal scrollbars now appear for documents wider than the screen  
(Still have problems with the history window)  
Improved internal audio support - allows playing of .au files on 8-bit cards  
Bug with deeply nested tags fixed  
"-j <infile>" command-line option for INI file location  
<OPTION> tags won't crash Mosaic anymore  
fixed bug with downloading files via FTP  
FTP slightly improved - now able to connect to ftp.microsoft.com, e.g.  
<em> and <strong> tags now supported  
<dir> and <menu> tags are now more properly supported  
Grey out back & forward when no current doc  
Screen repaint from another window on top is occasionally wrong  
Screen repaints get "lost" if busy fixed for 3.1 but still a problem with NT  
When search window disappears, focus switches to main window.  
"Add Current to Hotlist" when current hl is QUICKLIST now works (unlimited size)  
"Add Current to Hotlist" works for URL's without titles (gopher servers)  
Open URL Dialog now fits on a 640 x 480 screen  
entity (&) termination  
Focus switches to Search window when it appears  
better filename mungeing ( Unix files will now be converted to reflect the last  
extension. ie. here.it.is.txt will become here.txt)

## **NCSA Mosaic v. 2.0alpha 2**

### **Bug fixes/Enhancement list**

Spiffy new hotlist/menu user interface -- see "README.NOW" for details.  
Several FORMs bugs fixed-  
-Added linebreak after end of form  
-Fixed linebreak after checkboxes & radio buttons  
-Added support for input type isindex (no autosubmit, though)

- Text areas now submit correctly
- Forced extra painting to fix drawing problems
- Elements are now sent in the same order as Mosaic for X
- Added input type "hidden"
- Fixed forms associated memory leaks

Proxy gateway server support

Mosaic now caches the response from the last Domain Name Service request

Server Redirect problem fixed - relative URLs now point to the right place

faster GIF decoding

URLs missing trailing slash (e.g. "http://cs.indiana.edu") now have correct relative urls

External telnet no longer returns "-9999" error

leading/trailing spaces in entered URLs are now ignored

GPFing on multiple reloads fixed

Background is erased before redrawing when right-clicking on an unloaded image

Window position saves correctly again

Fixed drawing of search window

Minor memory leak fixed in NCSAlcon

Minor memory leak in SGML parser fixed

Memory leak fixed in Document

A few more GDI leaks plugged

Doubled available user menus (to 20 menus, 40 items each)

\*\*\* See <http://www.ncsa.uiuc.edu/SDG/Software/WinMosaic/Features.html> for the complete history of Mosaic features.

### 3. Mosaic is a 32-bit application.

This means that Mosaic is compatible with Windows 3.1, Windows for Workgroups, Windows NT and Windows 4.0

#### Windows 3.1 and Windows for Workgroups Users

You have a 16-bit operating system and you will need to have Microsoft's Win32s software in order to run 32-bit applications in your environment. This software is currently under development at Microsoft and their latest release is version 1.1.5a. If you don't have it, GET IT. **You need to upgrade your Win32s software to this latest version in order for Mosaic to run!** The Win32s software is freely available to licensed Windows users from the anonymous ftp.microsoft.com. You can find the file win32s115a.zip in the /developr/win32dk/sdk-public directory. For the convenience of our users we also mirror a copy of this software on our ftp site, ftp.ncsa.uiuc.edu. However, we have added a readme file and we've re-zipped it into a file called win32s.zip. You can find win32s.zip in the /PC/Windows/Mosaic/ directory of our anonymous ftp server.

\*\*\*\*\* WIN32S v1.1.5a MUST BE INSTALLED BEFORE YOU RUN Alpha 6 \*\*\*\*\*

#### Windows NT and Windows 4.0 (Chicago beta-testers)

For those of you who don't know, NT and Windows 4.0 (Chicago) are true 32-bit operating systems and these users won't need to do anything! Everything is built in..... ;^)