



# Mailsmith

## Mailsmith 1.1.6 Delta Manual

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# Mailsmith 1.1.6 Delta Manual

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# Welcome to Mailsmith 1.1.6

Bare Bones Software's initial release of Mailsmith set a new standard for power, ease of use, and efficiency in Macintosh email programs. Version 1.1.6 improves the Mailsmith experience further by continuing to tune performance, bolster stability, and add new features requested by our users. You'll find even more to love about Mailsmith in its new incarnation.

This *Delta Manual* (the Greek letter delta,  $\Delta$ , is the mathematical symbol for *change*) describes what's changed in version 1.1.6 of Mailsmith. If you're upgrading from a previous version of Mailsmith, the *Mailsmith Delta Manual* contains everything you need to know about Mailsmith 1.1.6's new features.

If you're a new Mailsmith user, start with the *Mailsmith User Manual*; it remains a good introduction to the program's basic features. Refer to the *Mailsmith Delta Manual* when you find obvious differences between the software described in the *User Manual* and what's on your screen. After you're comfortable with the features described in the *User Manual*, you'll want to read this *Delta Manual* in more depth to become better acquainted with the new features.

## Installing the Upgrade

If you're already using Mailsmith 1.1.5 or earlier, you can use the Mailsmith 1.1.6 updater to upgrade your installed copy of Mailsmith to version 1.1.6. Download it from the Bare Bones Software Web site at <http://www.barebones.com/support/update.html>.



Mailsmith 1.x -> 1.1.6

Once you've downloaded and unpacked the updater, you can install the upgrade by double-clicking the *Mailsmith 1.x -> 1.1.6* application. This application will search your hard disk for a suitable copy of Mailsmith and pre-select it for updating. If the updater finds multiple copies of Mailsmith on your computer, we suggest you quit the installer and delete all but one of them to avoid confusion. Or else update them all.

Select the copy of Mailsmith you want to update and click the Update button. (If the updater reports that your application has been modified or is the wrong version, quit the updater, reinstall the Mailsmith application from the original CD-ROM, and try the update again.) You'll be notified when the update has been successfully installed. Quit the updater and launch Mailsmith to start enjoying version 1.1.6.

If you do not currently have the Mailsmith control strip module installed and want to add it, open the folder named -> *Control Strip Modules* in the same folder as the updater and drag the *Mailsmith CSM* icon to your System Folder. (If you already have it installed, the updater will make sure you have the latest version.)



Mailsmith CSM

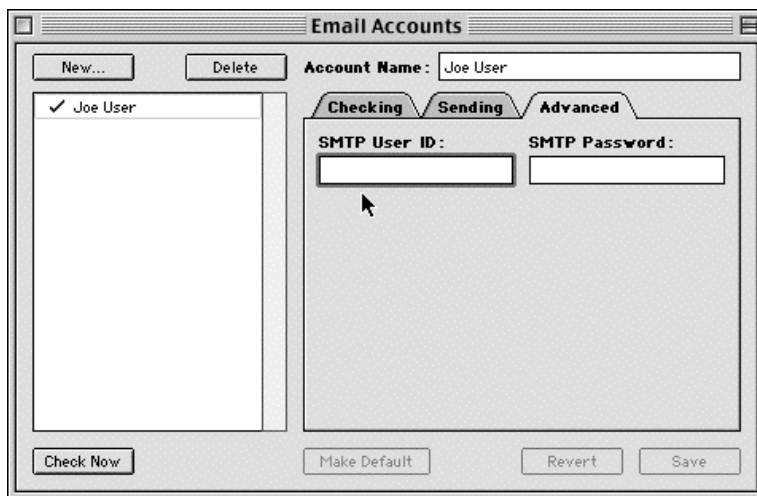
If you encounter difficulty at any stage of the upgrade procedure, restart the computer with the *Shift* key held down to disable extensions and try again. If the problem persists, contact Bare Bones Software by email at [support@barebones.com](mailto:support@barebones.com) (or by phone at 781-687-0700 between 9 AM and 6 PM Eastern time).

## New Features in Mailsmith 1.1.6

**Note** This section provides a quick summary of every new feature added to Mailsmith since version 1.1.5. If you upgraded to 1.1.6 from an earlier version, you should instead see the following sections, or skip ahead to *Overview of Mailsmith 1.1.6* on page 6.

Mailsmith 1.1.6 addresses bugs reported by users and adds new features. New features include support for SMTP authentication, a *Show Message Data* command to view the “raw” contents of messages, a *Re-Send* command that makes it easy to send a message again, a *Check for New Mail* command that lets you specify which accounts to check, and a *Remove* button in the Enclosures pane of messages that lets you delete enclosures. Also, when you sort by sender or subject in the POP Monitor, Mailsmith automatically adds a secondary sort by date, so that messages with the same subject or sent by the same person will be presented in a useful order.

SMTP Authentication is now supported. This feature may be used a per-account basis by turning on the Allow ESTMP setting in the Sending panel of the Email Accounts window, and filling in the appropriate information in the new *Advanced* settings panel.



Once you activate the Allow ESMTP switch, and fill in the SMTP User ID and SMTP Password fields, Mailsmith will attempt to use SMTP authentication. These fields are generally the same as your POP User ID and Password; ask your network administrator or ISP for help if these do not work. Mailsmith supports the CRAM-MD5, LOGIN, and PLAIN authentication methods, and will try them in that order.

If authentication fails because the server doesn't support any of Mailsmith's authentication methods, an error 22322 ("The SMTP server does not support a requested authentication method") will be logged in the Mail Errors log. If authentication fails because of an incorrect user name or password, an error 22321 ("SMTP authentication failed") will be logged; the server's response will be recorded as well.

The *Show Message Data* command on the *Message* menu displays the “raw” data of the message in the message view. This includes all mail parts (both inline and attachments), MIME headers, and everything else that the sending mail client put into the message, exactly as it was received from your email server.

The *Re-Send* command on the *Message* menu creates a new message window pre-addressed to all recipients of the selected message, with the original message's full contents. You can edit the contents or the recipients before sending the message. This command is useful for resending a message that has “bounced” due to improper addressing, or for belatedly sending a message to a recipient you omitted.

The *Check for New Mail...* command on the *Mail* menu displays a dialog like the one below, allowing you to choose the accounts to be checked. Hold the Command key while clicking account names to select more than one. Accounts that cannot be checked because they do not have proper server or authentication information are grayed out and cannot be selected.



Other minor features which have been added:

- If an out-of-memory error occurs during a search, Mailsmith skips the affected mailbox and continues searching the rest, and will notify you of any unsearched mailboxes once the search is complete.
- The mailbox list now displays a total of the number of mailboxes and messages.
- Drawing of the Mail Browser and Mailbox List is now threaded, so you can begin to work with the program before these windows have finished drawing.

## New Features in Mailsmith 1.1.5

**Note** This section provides a quick summary of every new feature added to Mailsmith in version 1.1.5. If you upgraded to 1.1.6 from an earlier version, you should also see the following sections, or skip ahead to *Overview of Mailsmith 1.1.6* on page 6.

Mailsmith 1.1.5 was primarily a maintenance release. However, we did manage to sneak a few small new features in as well. For example, the Mail Filters window now has a zoom box, and you can type to select a filter by name. A new checkbox in the Replies panel of the Preferences window lets you place the insertion point in a reply before or after quoted text. And you can now search the To line of messages with the Simple Query dialog.

Finally, in the Sending settings for an account, you can choose whether Mailsmith will attempt to use Extended SMTP (ESMTP) for 8-bit MIME transfers. Mailsmith has always supported 8-bit MIME; however, some mail servers do not support it correctly even though they say they do. If you are having difficulty sending mail and are receiving a message that says 8-bit characters are not permitted in the message, try turning ESMTP off for that account.

## New Features in Mailsmith 1.1.4

**Note** If you are upgrading to Mailsmith 1.1.6 from version 1.1.3 or earlier, you also get the following features, which were originally added in Mailsmith 1.1.4.

The mail composition panes have been reorganized substantially. In particular, the 'From' field is now accessible on the Recipients pane, as are the *Use Signature* checkbox and its associated popup menu. Double-clicking any address in the recipients list will enter its contents into the address editing field and remove it from the recipient list, making it easier to correct entered addresses. Also, X-Face information contained by incoming messages will be displayed to the left of the recipient list.

Columns in the Mail Browser and individual mailbox windows are now resizable. Column positions are remembered on a per-window basis; the Mail Browser remembers its own column settings, independently of mailboxes. Mailsmith 1.1.4 also allows you to list unread messages in boldface in message lists. A new checkbox in the Mail Lists preferences controls this feature.

A new *Set Menu Keys* command (*Edit* menu) allows you to customize the keyboard shortcut for any Mailsmith menu item.

A new *Move Duplicates to Trash* command on the *Mail* menu helps you find and delete extra copies of messages. This command is also available from the contextual menu. It works on the selected messages or mailboxes and identifies duplicates by their Message-ID headers. (Messages without such a header are ignored.)

Filters that include Deposit actions are now substantially faster in mailbox hierarchies (messages are moved only once, when filtering is complete, rather than to each sub-mailbox in the hierarchy).

Open Transport-native calls can now be used, instead of the emulated MacTCP calls (a checkbox in the Services preferences must be marked, and Open Transport 1.1.1 or later must be installed).

You can now attach folders to outgoing messages, if you have the StuffIt Engine installed. You can drag the folder to the Enclosures tab, or hold down the Option key to change the *Add* button to *Add Folder*. The folder will automatically be converted to a StuffIt archive before it is mailed.

The editing window for groups now includes a list of the group's members. You can add addresses to the group with the *Add* button, or remove selected addresses with the *Remove* button. The *Copy* and *Copy & Append* commands now work in the Address Book window.

You can now easily increase the size of Mailsmith's database cache by increasing the application's memory allocation in the Finder.

Refinements to the spelling checker allow you to specify the default dictionary location and whether to skip checking words in quoted text, or words in all caps. The new Spelling preferences panel lets you customize these settings.

A new OT/PPP Control panel in the preferences allows you to check mail only when PPP is already open, and to have Mailsmith automatically close connections if it opened them, or always. A new *Enable Auto-Checking* menu item (on the Mail menu) allows you to globally allow or disallow checking of POP accounts at their scheduled interval.

Account signatures are now scriptable, as are most other properties of email accounts. This allows you to change account settings on a per-location basis using Location Manager scripts, for example. When retrieving message lists from a script, the messages are returned in reverse order of date received (most recent messages first), rather than in alphabetical order by subject. A new *refilter* scripting command has the same effect as choosing Re-Apply Filters. You can use this new command with scripted mail notifications to delay filtering mail until message downloading is complete.

## New Features in Mailsmith 1.1.3

**Note** If you are upgrading to Mailsmith 1.1.6 from version 1.1.2 or earlier, you also get the following features, which were originally added in Mailsmith 1.1.3.

Mailsmith 1.1.3 is much more flexible about handling messages that have been left on the server, including partial messages. Also, a new POP Monitor feature has been added to allow direct manipulation of mail on the server. This major new functionality is covered in more detail in *POP Mailbox Management* on page 12.

Mailsmith now derives the message's Date Received from the topmost Received header in the message (the date it arrived at your mail server) rather than the date it was downloaded. (This change does not affect messages already in the database.) Additionally, dates are now normalized to GMT internally so messages always sort properly. (The *Normalize Dates* function on the *Special* menu normalizes all dates already stored in the database.) Mailsmith also has more flexible handling of forwarded messages and both recognizes and generates the In-Reply-To header. Mailsmith can now import mail into outgoing mailboxes.

A new *Use as 'From' Address* checkbox in the Sending panel of the Email Accounts window lets you use the account's reply address for the SMTP FROM command. (Normally, Mailsmith uses the POP login name and the SMTP server name to generate the FROM address.) This may help users whose ISP is blocking them because their POP and SMTP servers are in different domains.

A number of small but significant enhancements have been made to Mailsmith's AppleScript support, including size, free space, on server, partial, reply reference, pop monitor, and server account.

A new %long-date% stationery cookie evaluates to a date string like "Saturday, March 13, 1999."  
A new pop-up menu in the Replies panel of the Preferences adds cookies to the attribution string.  
A new *Use as 'From' Address* checkbox in the Sending panel of the Email Accounts window may help users whose POP and SMTP servers are in different domains send mail.



New quoting commands on the *Text* menu include *Increase Quote Level*, *Decrease Quote Level*, and *Strip Quotes*. The Rewrap Quoted Text plug-in is now integrated into the Mailsmith application. Mailsmith now uses Internet Config's URL parser for resolving Command-Click, providing results more consistent with other programs and supporting a wider range of formats. Pressing the Space Bar while reading the last page of an incoming message now opens the next message. Mailsmith now searches server addresses in the address book when attempting to guess which recipient you intended.

New *Priority* and *Label* submenus on the *Message* menu allow you to set a message's priority quickly. The *Priority* submenu has also been added to the message contextual menu. These menus update to reflect the priority and label of the first selected message.

## New Features in Mailsmith 1.1.2

**Note** If you are upgrading to Mailsmith 1.1.6 from version 1.1.1 or earlier, you also get the following features, which were originally added in Mailsmith 1.1.2.

Hold the *Command* and *Option* keys while double-clicking a word to search for it, as a shortcut for *Find Selection*. *Command-Option-Shift* while double-clicking searches backward. Space and Shift-Space can now be used as alternatives to *Page Down* and *Page Up*, respectively, in message lists.

You can now drag out of lists in non-front windows, provided that the lists allow dragging. A new Filtering preferences panel contains a checkbox that allows you to turn automatic filtering of messages on or off. New scripting verbs allow users to compact and rebuild mailboxes from AppleScript. *Mark Read* and *Mark Unread* are now recordable actions.

The lower memory bar in the About Mailsmith window now shows the low-level cache effectiveness, among other statistics (click to cycle through the various views). Outgoing mailboxes now appear in bold if there are unsent messages in them. If the (*outgoing mail*) header is collapsed, it is bold if any outgoing mailbox has unsent messages.

Collapsed mail status bars now display the recipient of the message. If there is more than one recipient, the first recipient is displayed with a message showing the number of additional recipients (for example, "and 3 others").

# New Features in Mailsmith 1.1.1

**Note** If you are upgrading to Mailsmith 1.1.6 from version 1.1 or earlier, you also get the following features, which were originally added in Mailsmith 1.1.1.

Mailsmith 1.1 added the %quoted-text% stationery-cookie. When included in a stationery file used for replying to a message, this caused the original message to be included in the reply with standard quote formatting. Version 1.1.1 adds the %unquoted-text% stationery cookie, which eschews the quoting, and an %attribution% cookie, which inserts your standard attribution line.

Mailsmith 1.1.1 now supports colors for quoted text. Up to five levels of quotes can be assigned different colors in the Mail Display panel of the Preferences.

The paper clip icon in mail lists is now draggable. Mailsmith will extract all enclosures to the drop location. The AppleDouble/TEXT settings have been moved to the Enclosures panel of the Preferences. Mailsmith can now use Internet Config's File Mappings database to set the MIME types of outgoing enclosures. If the enclosure is Stuffed, the MIME type for a StuffIt archive will be used instead. (This option can be deactivated in the Enclosures panel of the Preferences.)

Base64 encoding can now be used independently of AppleSingle and AppleDouble. If Base64 encoding is selected, only the data fork of uncompressed files will be transmitted, without Macintosh file attributes.

An optional warning message can be generated when sending a message that was saved, modified, and sent. See the Warnings panel of the Preferences to enable or disable this warning. A new option in the Replies panel of the Preferences, *Include Me in Reply to All*, allows you to optionally strip out your own email address when replying to a message with many recipients

In the editor, the Command and Option keys can be used with the Backspace and Forward Delete keys to delete to the previous or next word or line boundary, as in BBEdit. Marc Moini's SmartScroll (see <http://www.marcmoini.com>) is now supported by Mailsmith as are Mac OS 8.5's proportional scrollbars.

If a network timeout occurs while Mailsmith is in the background, it will now cancel the connection and log a timeout error, rather than posting a notification. The "trouble communicating" alert now times out automatically after ten seconds. If you dismiss the dialog, a timeout error is logged.

A new AppleScript object class (mail account) has been added, along with a new application property (default account). The check mail and send queued mail events can now take an optional using parameter to specify the account(s) to be used.

# Overview of Mailsmith 1.1.6

**Note** This section provides a quick summary of the major new features in Mailsmith 1.1.6, *including those originally added in any 1.1.x version*. If you have time to read just one part of this manual, this is the part you should read.

Mailsmith 1.1.6 offers substantial enhancements to both the message composition and message viewing environments. It also contains numerous performance optimizations, exposes more functionality through the scripting interface, and handles problems better (both communication errors and internal errors).

Most of the recent changes to Mailsmith's user interface are documented here in the *Delta Manual*, but others are minor and don't warrant specific coverage. For example, mailbox and message lists now have focus borders so you can see which controls are selected when you press *Tab*. These aren't the sort of changes that make the Major New Features list, but we have listened to Mailsmith users and made program operation significantly smoother throughout.

Other significant changes include:

- **More customizable user interface.** The Mail Filters window has a zoom box now, and you can type in it to select a filter by name. When replying to a message, you can choose to have the insertion point positioned before or after the quoted text. All menu command keys are changeable to suit the way you work. You can adjust the size of columns in message lists—independently for each mailbox, and you can choose to see new messages listed in boldface text rather than normal text.
- **Powerful POP mailbox management.** Mailsmith can now partially download long messages from your POP server, leaving them there for you to deal with later. Any message left on your server can be either completely downloaded or deleted using convenient new commands on the *Mail* menu. In addition, a new POP Monitor window allows you to manage your POP mailboxes, even those you haven't set up as Mailsmith accounts.
- **SMTP authentication.** Many ISPs and corporate networks are now requiring authentication to prevent abuse of their SMTP servers by “spammers.” Mailsmith supports this according to RFC 2554 and allows you to enter SMTP User ID and Passwords in the Advanced panel of the Email Accounts window. (You will also need to turn on Allow ESMTP in the Sending panel to enable this feature.) Mailsmith supports the CRAM-MD5, LOGIN, and PLAIN authentication methods.

- **More flexible forwarding.** The text of forwarded messages can now be sent as plain text (separated from the main message body by “Forwarded Message” and “End Forwarded Message” delimiters, with or without quote characters) and/or as an enclosure. A *Re-Send* command can be used to forward messages from your outgoing mailbox, too.
- **New quoting tools.** New commands on the *Text* menu include *Rewrap Quoted Text*, *Increase Quote Level*, *Decrease Quote Level*, and *Strip Quotes*.
- **Better enclosure handling.** If you’ve installed Aladdin Systems’ StuffIt Deluxe or DropStuff with Expander Enhancer, Mailsmith can now compress outgoing attachments and decompress incoming attachments. You can even attach whole folders. There’s also a new filter action which extracts enclosures from the mail database to a folder automatically. Manual extraction is easier, too—you can just drag the paper clip icon in the mail view to the desired Finder destination. Internet Config can determine the MIME types of sent enclosures, and Base64 encoding can be used without AppleSingle or AppleDouble. A *Remove* button in the attachments panel lets you remove selected attachments from a message to free up space in the mailbox database.
- **Custom labels.** Each message can now be assigned one of 32 labels to help you organize your e-mail. The first eight labels (actually, seven labels plus *None*) are shared with the Finder, as in Mailsmith 1.0. The remaining 24 are unique to Mailsmith and can be edited using the *Labels* panel of the Preferences.
- **Coloring quoted text.** Mailsmith now automatically colors up to five levels of quoted text in incoming messages to make it easier to figure out who said what.
- **Contextual menus.** Many objects in Mailsmith now have contextual menus, activated by holding down the *Control* key while you click, that contain options relevant to the selected object. A new *Apply Filter* contextual menu item lets you apply filters manually to the selected messages or mailboxes.
- **More drag-and-drop.** More objects throughout Mailsmith can now be dragged from one place to another to move or copy data. For example, try dragging the subject (or another field) out of a collapsed mail status bar on an incoming message. You can also drag messages from message lists to any text field (in Mailsmith or other drag-aware applications) or the Finder; the entire message, including all RFC 822 headers and MIME parts, will be placed in the drop location.
- **Mailbox maintenance tools.** Utilities for compacting mailboxes and recovering mail from damaged mailboxes are available on the *Special* menu. The *Empty Trash* command has moved to the *Special* menu as well. A new *Move Duplicates to Trash* command helps when removing duplicate copies of messages.

- **Location Manager support.** Mailsmith email accounts are now Location Manager aware; you can specify that certain accounts should only be used to receive or send mail from certain locations. (By default, accounts can be used for both sending and receiving from any location.) Location manager scripts can now change more of Mailsmith's account settings when you move to a new location.
- **Easier filtering.** A new *Make a Filter* command on the *Message* menu lets you quickly create a new filter based on the characteristics of the displayed message, and a new *Re-Apply Filters* function (in the *Mail* menu and in the contextual menu for mailboxes) re-filters the messages in the selected mailbox. You can also manually apply filters to individual messages using the *Apply Filter* contextual menu command. You can drag filters from the Mailbox Info window to another mailbox to easily attach filters to mailboxes.
- **Enhanced stationery support.** Mailsmith now supports the creation of new mail messages and replies from stationery. Using *Save As*, you can save messages as stationery in the *Mailsmith Stationery* folder in the same folder as Mailsmith, then use the *New With Stationery* submenu on the *File* menu to create a new message containing the stationery's contents and initial settings. The *Reply With* command on the *Message* menu provides a similar function when replying to a message.
- **Address auto-completion.** Simply start typing a name from your address book, and Mailsmith will fill in the rest of the name for you if it exists. (You can turn this feature on or off in the *Composition* panel of the Preferences.) Also, both the *Copy* and *Copy and Append* commands work in address books now, making it easier to copy recipient addresses to new messages.
- **More keyboard shortcuts.** You can page down and up through a message's body using *Space* and *Shift-Space*. (At the end of a message, *Space* opens the next message.) The *Next Message* and *Previous Message* commands (on the *Message* menu) use *Control-Down Arrow* and *Control-Up Arrow*; *Control-Tab* and *Control-Shift-Tab* can be used to change tabs in a tab pane. The *Tab* key now moves between fields in more places. Holding the *Option* key while clicking the navigation arrows in a message window moves the current message to the Trash before moving on to the next one (the *Option* key also works with the *Control-Up Arrow* and *Control-Down Arrow* keyboard shortcuts, or with the *Message* menu's options). And you can toggle the mail status bar between full and collapsed modes with *Command-Shift-D* (or the *Show Details* command on the *Message* menu).
- **Better mailto handling.** If you're using Mailsmith as the helper for *mailto* URLs, you'll be glad to know that it now handles enhanced URLs (RFC 2368). This means that Web browsers and other applications can set the subject and body of a new mail message, as well as the recipients, when you click a link.

- **Improved scripting support.** Mailsmith's scripting support is significantly enhanced. Scripts can now manipulate messages while they are being processed by filters (Mailsmith will pass the message being filtered to the script). A new command allows refiltering messages from a script. Mail accounts are now scriptable. A number of inconsistencies and anomalies in Mailsmith's scripting support have been resolved. All the major new features recently added to Mailsmith are scriptable.
- **New plug-ins.** Two new plug-ins are now included with Mailsmith. *Finger* and *Who Is* use standard Internet services to look up information about users. Both plug-ins use BIAP's NetEvents utility for network I/O; version 1.2.1 or later is recommended, and is included with Mailsmith 1.1.6.

**Note** The Finger and Who Is plug-ins are not installed by default. They may be downloaded from the Bare Bones Software Web site or installed from the Mailsmith 1.1.6 CD-ROM by dragging them into the Mailsmith Plug-Ins folder.

- **Mac OS 9 support.** Mailsmith is fully compatible with all versions of Mac OS through 9.0.4. In particular, Mailsmith correctly opens the Internet control panel rather than Internet Config under recent versions of Mac OS.
- **Apple Guide FAQ.** Answers to frequently-asked questions about Mailsmith are now available right inside the program, from the *Help* menu.

If you're using a previous version of Mailsmith, you should visit the Preferences (choose *Preferences* from the *Edit* menu) to choose your preferred settings for some of the new features. Here's a summary of the changes in this part of the program.

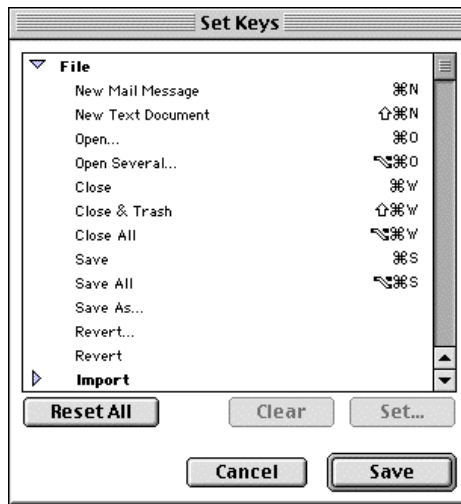
- A new **Mail Lists** panel controls the display of lists of mail messages. The *Show Buttons In Lists* option has been moved here from the *Mail Display* panel. A new option, *Use Label Color for Entire Row*, determines whether the entire row for a given message will be colored, or just the *Label* column. (This does not override the color set by the message's priority.) The *Show Messages Fields* options lets you turn off some of the columns in mail lists to gain more horizontal space, which is reallocated to the *From* and *Subject* columns.
- The new **Enclosures** preferences panel controls the default encoding for outgoing enclosures (Base64 is now included), as well as whether each enclosure should be compressed with StuffIt (if the StuffIt Engine is present). You can still change the encoding and StuffIt settings on a per-enclosure basis. You can also choose to have the MIME types of outgoing enclosures set by information from the Internet Config database. The settings for sending AppleDouble text enclosures as text data have been moved here from the Sending panel.

- The new **Composition** panel has controls for address auto-completion and the default behavior of the *Send/Queue* button.
- The new **Labels** panel lets you set text and color for the 24 custom labels supported by Mailsmith 1.1.6. (The other seven can be edited in the Finder, using the Labels control panel in older versions of Mac OS or the Finder's Preferences in Mac OS 8.0 or later. The *None* label cannot be changed.)
- The **Editor** panel now has a button that globally controls the display of our old friend, the Philip bar, in editor windows. (The Philip bar indicates where the right edge of the screen would be on a 9" Macintosh monitor.)
- The **Mail Display** panel now includes settings for coloring up to five levels of quoted text different colors. A button is provided automatically set these to Claris Emailer's default colors for users who are used to them.
- The **Replies** panel now contains a checkbox that lets you decide whether replies to groups of recipients that include your own address should be sent to you or not. In earlier versions of Mailsmith, you were always included in such replies. There is also a pop-up menu next to the Attribution String field for inserting cookies. (The %long-date% cookie was added in 1.1.5.) Two new checkboxes control how forwarded messages are handled.
- The **Warnings** panel now lets you decide whether you want to be warned before sending a letter with unsaved changes (one that had been previously saved, then edited before sending) or before deleting messages using the POP Monitor. You can also turn off the warning Mailsmith gives you when removing attachments from a message.
- The new **Filtering** panel lets you turn automatic filtering of incoming e-mail messages on or off. Users who pay by the minute for Internet connectivity may want to turn it off and filter messages manually after disconnecting for maximum efficiency.

**Note** The rest of this manual contains in-depth information about the new features in Mailsmith 1.1.6

## Customizing Menu Keys

Mailsmith 1.1.6 lets you customize the keyboard shortcuts for any command in the pull-down menus by choosing *Set Menu Keys* from the *Edit* menu. If you have used BBEdit 5, you already know how to use this dialog, which is shown below—it's just like BBEdit's.

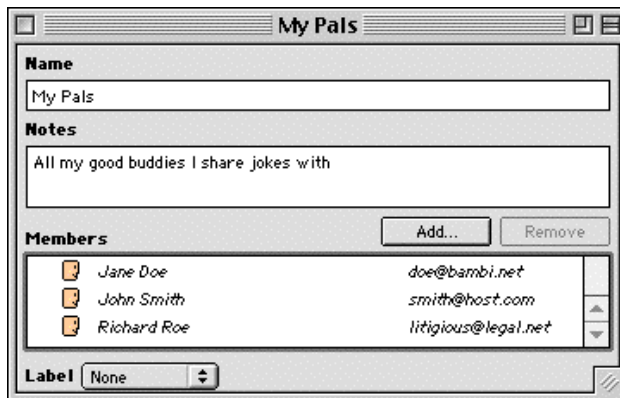


To set the key assignment for a menu command, click it in the Set Keys dialog, then click the **Set** button and type the desired keystroke. To remove the key assignment from the selected menu command, click the *Clear* button instead. Note that any key assignment must contain either the Command or Control key (or both) as a modifier.

Click *Reset All* to restore all key assignments to Mailsmith's defaults.

## Enhanced Group Windows

As shown below, Mailsmith's group windows now contain a list of the members of the group.

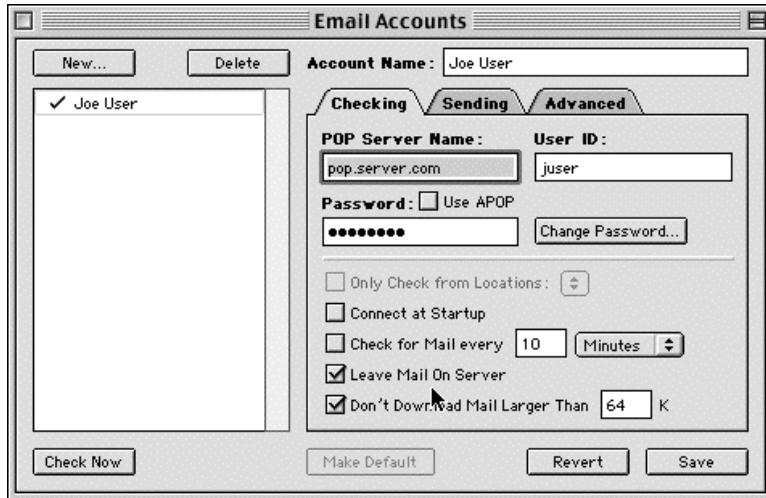


You can add more members to the group by clicking the *Add* button, or by dragging them from the address book. To remove a selected member from the group, click *Remove*.



# POP Mailbox Management

Mailsmith 1.1.6 contains significant new functionality for helping you manage mail on a POP server. First, you can now partially download large messages even if you have not set Mailsmith to leave messages on the server. In the Checking panel of the Email Accounts window, the *Leave Mail on Server* checkbox is now independent of the *Don't Download Mail Larger Than* checkbox.



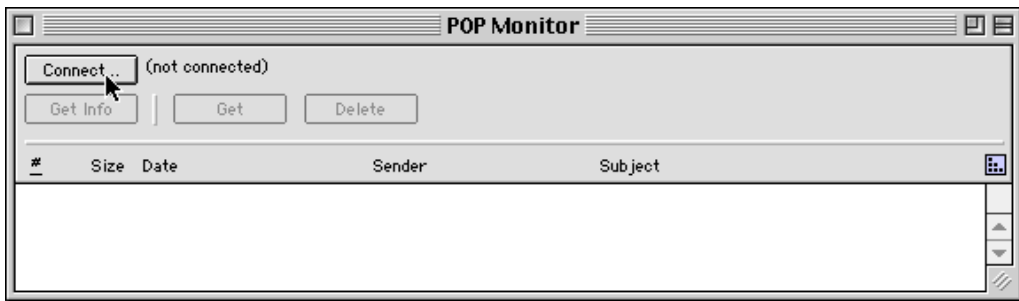
Marking *Leave Mail on Server* causes Mailsmith to always leave a copy of your mail on the server after downloading it. Marking *Don't Download Mail Larger Than* causes messages larger than the size you specify to be only partially downloaded, even if *Leave Mail on Server* isn't checked. Only the headers of the message are retrieved, and the message's subject appears in italics in mail lists.

When a partially-downloaded message is open, you can choose *Get from Server* from the *Mail* menu to retrieve it in its entirety, or you can choose *Remove from Server* to delete it without downloading it. *Remove from Server* also works with messages which are still stored on the server because the *Leave Mail On Server* checkbox was marked when they were downloaded.

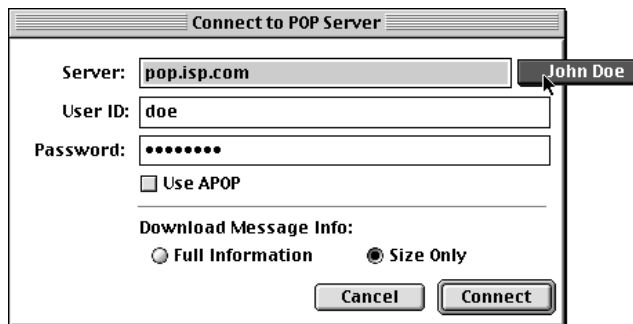
## The POP Monitor

In addition to these new features, which help you manage mail that was left on the server during your usual e-mail activity, Mailsmith 1.1.6 has a POP Monitor feature that lets you manage the mail in your POP mailbox without downloading messages at all. The POP Monitor displays a list of all the messages currently stored on the server and allows you to get more information about them, download them to your Mailsmith incoming mailbox, or delete them completely.

To use the POP Monitor, choose *POP Monitor* from the *Mail* menu. You will see this window:



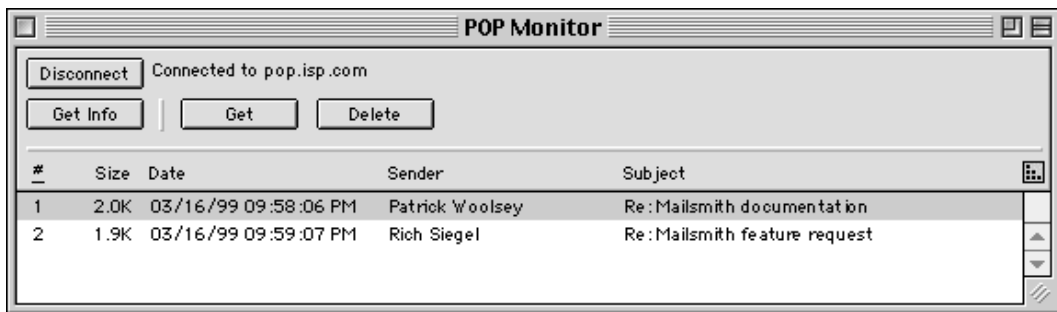
Click the *Connect* button to log on to a POP Server. The Connect to POP Server dialog appears.



The pop-up menu at the upper right corner of the dialog lists all the accounts defined in Mailsmith's Email Accounts window. Choosing one automatically enters the POP server name, user ID, and password. You can also specify any POP server by entering the appropriate information manually, even if you have not created a Mailsmith account for that server.

Click *Full Information* to get every message's date, sender, subject and size, or *Size Only* to obtain only the size of each message. *Size Only* is faster. These radio buttons only determine the information *initially* listed in the POP Monitor window. You can use the *Get Info* button in the POP Monitor window to obtain the full information even if you chose *Size Only* when connecting.

After you click Connect, the POP Monitor window obtains information about the messages in your mailbox from the POP server and displays a list like the one shown below.

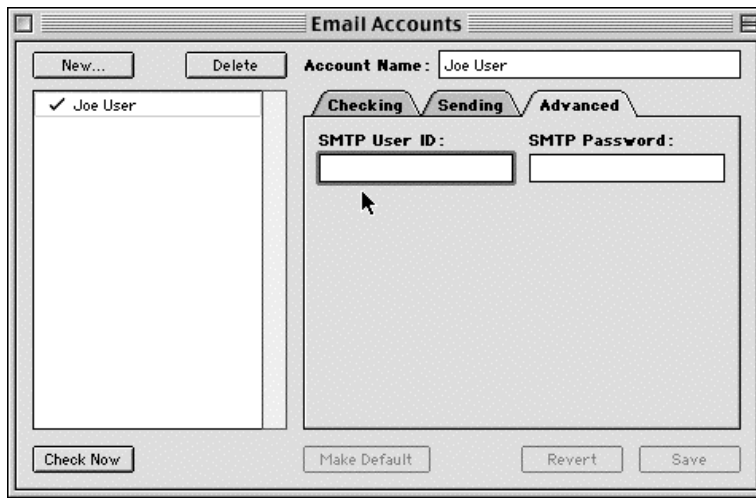


- Click *Get Info* to retrieve the date, sender, and subject for the selected message(s).
- Click *Get* to retrieve the selected message(s) and place it in your incoming mail folder. If you hold down the Option key, then *Get* becomes *Save* and when clicked, will download the selected message(s) directly to disk as an mbox format file. (This option can be useful for accessing damaged messages which cannot be parsed completely within Mailsmith.)
- Click *Delete* to mark the selected message for deletion. The message is not actually deleted until you disconnect from the POP server using the *Disconnect* button. Hold *Option* while you click *Delete* to unmark the selected message. Hold *Command* while clicking Delete to *immediately* delete the selected message.
- Click *Disconnect* to end the POP Monitor session and delete any messages which were marked for deletion using the *Delete* button.

**Note** If an automatic connection for the account you are using with the POP Monitor occurs while you are logged in, the server may reject the automatic connection because the account is already in use by the POP Monitor.

## SMTP Authentication

SMTP Authentication, required by more and more ISPs and corporate networks, is controlled by the Allow ESTMP setting in the Sending panel and the account and password information from the new Advanced panel of the Email Accounts window (below). If you turn on the Allow ESMTP setting, and fill in the SMTP User ID and SMTP Password fields, Mailsmith will attempt to use SMTP authentication when connecting to a mail server to send messages. The information used in these fields is generally the same as your POP User ID and Password; ask your network administrator or ISP for help if these do not work. Mailsmith supports the CRAM-MD5, LOGIN, and PLAIN authentication methods, and will try them in that order.



If authentication fails because the server doesn't support any of Mailsmith's authentication methods, an error 22322 ("The SMTP server does not support a requested authentication method") will be logged in the Mailsmith Mail Errors log. If authentication fails because of an incorrect user name or password, an error 22321 ("SMTP authentication failed") will be logged; the server's response will be recorded as well.

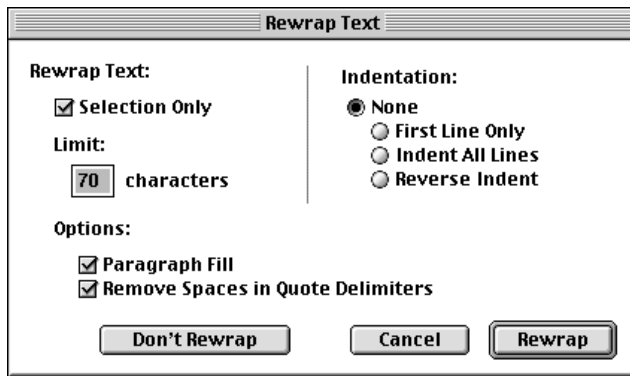
## New Quoting Tools

Mailsmith 1.1.6 has four new commands on its *Text* menu to simplify the editing of quoted text.

- The *Rewrap Quoted Text* command wraps quoted message text to a specified length. Typical Internet quotation prefixes (">", "{", "]", "[", ":", "/") are removed from the beginning of each selected line, then the text is rewrapped and the quote prefixes are reinserted. If unquoted text is interspersed with the quoted text, the unquoted text is wrapped separately.

Choose *Rewrap Quoted Text* from the *Text* menu to rewrap the selected quoted text, setting options (see next page) before rewrapping. (Hold Option while selecting the menu item to use the previous settings.) Aside from the *Remove Spaces in Quote Delimiters* checkbox, the function of which should be self-evident, the available options are the same as in the *Hard Wrap* command on the *Edit* menu.

**Note** The *Rewrap Quoted Text* command was formerly a plug-in. It has been integrated into the main Mailsmith application.



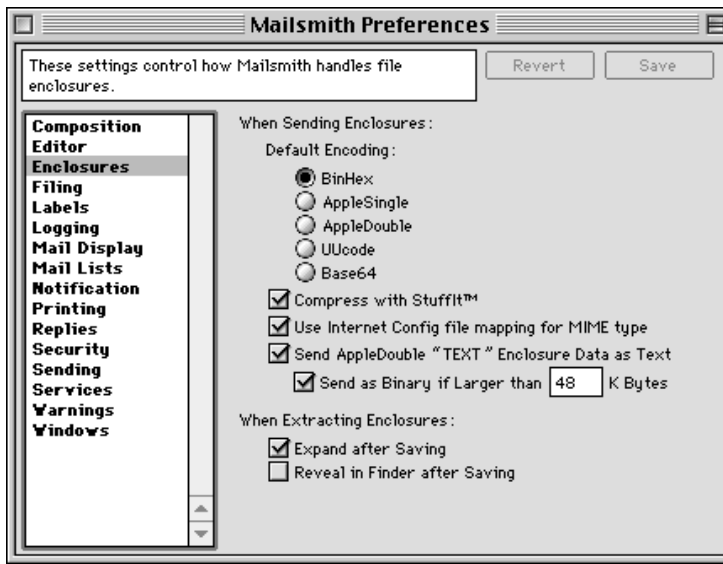
- *Increase Quote Level* inserts an additional quote character at the beginning of each line of the selected text.
- *Decrease Quote Level* removes one quote character from the beginning of each line of the selected text.
- *Strip Quotes* removes all quote characters from the beginning of each line of the selected text.

## Enclosures

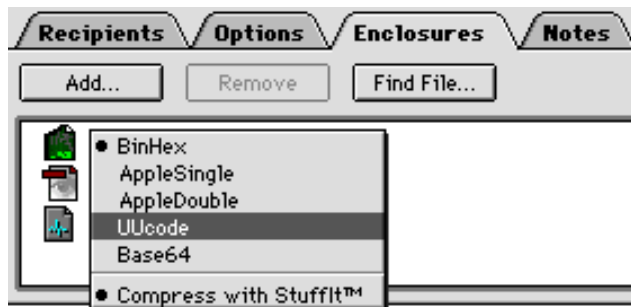
If you have the StuffIt Engine in your Extensions folder, Mailsmith can now Stuff and unStuff enclosures. (The StuffIt Engine is a part of the commercial StuffIt Deluxe package and the shareware DropStuff with Expander Enhancer package from Aladdin Systems, <http://www.aladdinsys.com/>.)

### Sending Compressed Enclosures

The *Enclosures* panel of the Preferences window (next page) lets you choose whether outgoing enclosures are Stuffed by default. (To open the Preferences window, choose *Preferences* from the *Edit* menu.)



Regardless of the state of the *Compress With Stuffit* checkbox in the *Enclosures* panel of the Preferences, however, you can still choose to compress or not compress individual enclosures in the *Enclosures* tab of the outgoing message, as shown below.



**Note** If you attach a folder to an outgoing message, it will always be compressed with Stuffit.

## Default Encoding

The *Enclosures* panel of the Preferences also lets you choose the default encoding method for attached files. The available schemes are explained on pages 108-109 of the *Mailsmith User Manual*, with the exception of the new Base64 option.

Previously, Base64 encoding was used only if you chose AppleSingle or AppleDouble encoding. With these settings, which are still available in Mailsmith 1.1.6, AppleSingle and AppleDouble encodings are applied before converting files to Base64 to preserve the resource fork and file attributes of Macintosh files. If you select Base64 directly, Macintosh files will lose their resource forks and attributes when they are sent. This may be acceptable for certain types of files (GIF, JPEG, and already-compressed files such as StuffIt or Zip archives).

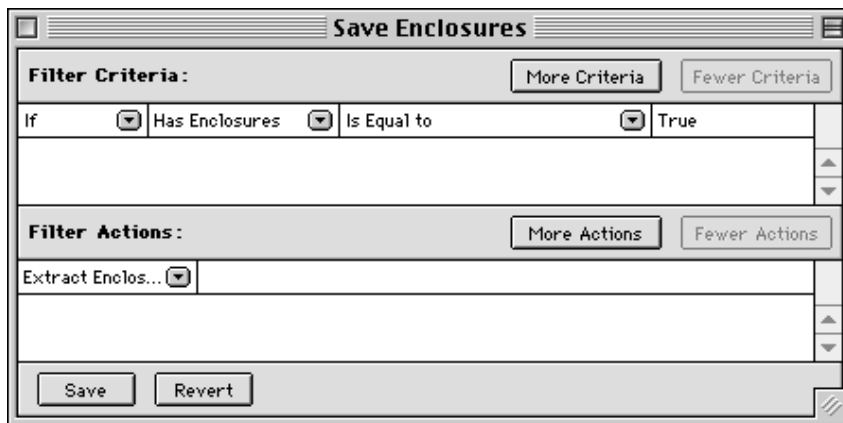
As with the StuffIt setting, the encoding Preferences setting only determines the default encoding. The encoding can be changed on a file-by-file basis when you are creating an outgoing message with enclosures, using the pop-up menu in the *Enclosures* tab of the outgoing message.

## MIME Types for Outgoing Enclosures

Mailsmith 1.1.6 can use the File Mappings database in Internet Config to determine the MIME types for outgoing enclosures. To activate this feature, mark the *Use Internet Config file mapping for MIME Types* checkbox in the *Enclosures* panel of the Preferences. If you have chosen to compress a particular enclosure with StuffIt, the MIME type used will be the one specified in Internet Config for StuffIt archives.

## Automatically Extracting Enclosures

Normally, enclosures are stored in the mail database until you explicitly instruct Mailsmith to extract them to a file. However, Mailsmith 1.1.6 has a new Extract Enclosures filter action that can be used to automatically extract attachments when mail arrives. By attaching a filter like the one shown on the next page to the incoming mail folder, you can cause Mailsmith to automatically extract the file to the downloads folder set in Internet Config (or the Internet control panel in Mac OS 8.5 and later).



**Note** The enclosure will continue to take up space in the mailbox until the message it is attached to is deleted (or the enclosure is deleted from the message using the *Remove* button or AppleScript). The space freed can be used for other incoming messages, but the size of the mailbox does not actually decrease until the mailbox is compacted (using *Compact Mailbox* on the *Special* menu).

## Enclosure Post-Processing

When saving enclosures (either automatically using the filter action just described, or manually), you can have Mailsmith automatically unStuff them if they're compressed, or reveal the extracted files in the Finder, or both. These options are also in the *Enclosures* panel of the Preferences.

## Removing Enclosures

The *Enclosures* pane of the message window contains a *Remove* button which can be used to permanently remove selected enclosures from a message. This action is permanent and not undoable, so Mailsmith warns you before proceeding. You can turn off this warning in the *Warnings* panel of the Preferences.

## Location Manager

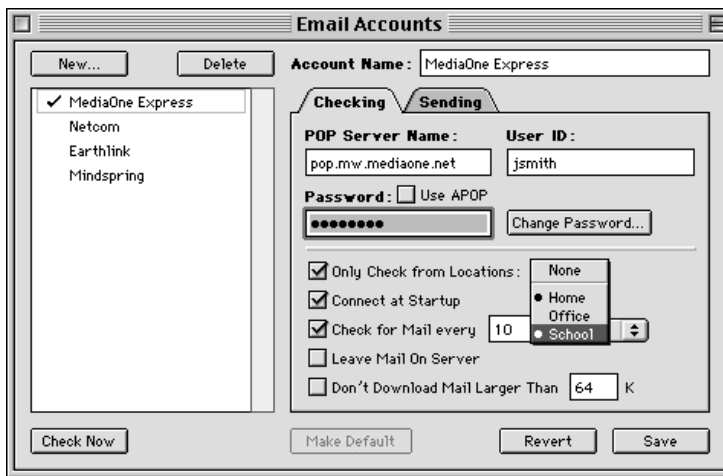
Apple's Location Manager is a useful (and free) tool for users who frequently move their computers to different locations or, more generally, access different networks (including different Internet service providers). The current version at this writing, 2.0.1, is included with Mac OS 8.1 and later (in fact, it *requires* Mac OS 8.1 or later).

**Note** Early versions of the Location Manager ran only on PowerBooks, not on desktop Macs, but are compatible with Mac OS 7.5 and later. You can download an older version from the Apple Software Updates library at <http://asu.info.apple.com/>. We suggest running Location Manager 2.0.1 if possible, however, since older versions contain bugs that are addressed in the latest version.

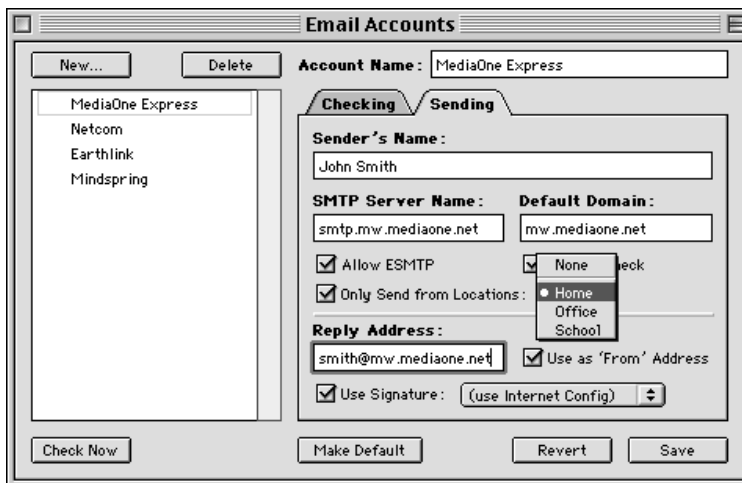
Mailsmith 1.1.6 supports the Location Manager by allowing you to specify that certain mail accounts are to be used for sending and receiving mail at certain locations. You set locations for Mailsmith's accounts in the Email Accounts window, shown on the next page (choose *Email Accounts* from the *Windows* menu). By default, accounts work at all locations. To select the locations at which a particular account will send or receive mail, first select the desired account in the Email Accounts window.

In the account's *Checking* panel (top of next page), mark the *Only Check From Locations* checkbox and choose the desired locations from the pop-up menu next to it. You can choose more than one location by selecting each one separately. Bullets in the menu show which locations are selected. Choose a location a second time to turn it off.





A similar checkbox and pop-up menu arrangement in the *Sending* panel (below) controls the locations from which e-mail will be sent.



When checking or sending mail, Mailsmith *always* uses accounts in which the *Only Check (or Send) From Locations* checkbox is *not* marked. If either checkbox is marked, the account is only used when the Location Manager indicates that the computer is at the proper location.

**Note** If the Location Manager is disabled, Mailsmith waits until it is available again to send or receive using accounts that must be accessed from a specific location.

In addition to these features, Mailsmith now supports complete scriptability of email accounts, making it easy to change account settings (such as SMTP servers) automatically from a Location Manager script.

## Contextual Menus

Many parts of Mailsmith now support contextual menus—the small pop-up menus that appear when you *Control*-click an on-screen object such as selected text, a message in a mail list, a mailbox folder, an email address in a header, and so on. Here are the kinds of objects you can *Control*-click, along with the kinds of options you get.

- **Text in a message window.** Like BBEdit, Mailsmith supports all contextual menu plug-ins that can work on selected text, such as Apple Data Detectors.
- **Mailboxes.** *Control*-clicking a mailbox lets you open, get information on, or delete a mailbox. You can also re-apply all the mailbox's filters, or any individual filter, to the messages in it.
- **Email message in mail list.** Using this contextual menu you can open or label a message, move it to another mailbox or to the trash, delete it, apply a filter to it, or redirect or forward or reply to it.
- **Email address in a mail status bar and/or recipient.** This contextual menu lets you add the address to your address book or start a new message to that person.
- **Address book entry.** This contextual menu lets you open, label, or delete an entry, or start a new message addressed to a person or group.

## Mailbox Maintenance

Mailsmith 1.1.6 gives you three new commands to help maintain your mailboxes, all located on the *Special* menu. (The *Special* menu is also the new home of the *Empty Trash* command, which was formerly on the *Mail* menu.) Before using any of these commands, select the mailbox or mailboxes you wish to use them on.

- **Compact Mailbox** removes the unused space in the selected mailbox or mailboxes. Every time you delete a message or move it to a different mailbox, Mailsmith marks the space formerly occupied by the message in the original mailbox as available for reuse. Mailsmith automatically re-uses the database space freed by deleted messages when it receives new messages. But if you receive an unusually large file in your inbox, you may never fully reuse the space it took up. Compacting the mailbox will release that storage for use by other programs on your Macintosh.

- **Rebuild Mailbox** helps to recover from database errors caused by system crashes, disk corruption, and hardware problems. The messages in the selected mailbox or mailboxes are exported to new mailbox files (you select the name and location of each file using a Save dialog). You can then quit Mailsmith, move the old mailbox files out of the *Mailboxes* folder of the *Mailsmith Data* folder, and move the new files into place. After you have re-launched Mailsmith and verified that the rebuilt mailboxes are functioning correctly, you can delete the old copies. You should need this command even less frequently than you need to compact your mailboxes, but if you have difficulty accessing all the messages in a mailbox, this function may help.

**Note** If you encounter a problem that requires you to rebuild a mailbox, it's probably advisable to contact Bare Bones Software's technical support as well.

- **Reclaim Header Space** should be run once on each mailbox if you are upgrading from Mailsmith 1.0 or 1.0.1. Previously, Mailsmith stored each message's headers as a separate object in its database. In Mailsmith 1.1 and later, headers are stored as a single object. The *Reclaim Header Space* command removes the superfluous header objects from the database, allowing it to be reused as new messages are added.

In addition to these features, Mailsmith 1.1.6 also has a *Move Duplicates to Trash* command on the *Mail* menu, useful for cleaning up after an interrupted mail download. It is also available in the context menu. When invoked, all the selected messages or (or all the messages in the selected mailboxes) will be checked to see if any is a duplicate of any other selected message. Only one copy of each message is retained; any additional duplicates are moved to the Trash. The messages' Message-ID header is used to identify duplicates. If a message does not have a Message-ID header, Mailsmith will leave it where it is.

## Stationery Support

Mailsmith now has convenient built-in support for stationery. You can save stationery files into the folder named *Mailsmith Stationery* in the same folder as the Mailsmith application using *Save As*. The Save dialog now has a *Save As Stationery* checkbox at the bottom to allow you to create stationery pads. (If you prefer, you can still convert an existing saved Mailsmith message to a stationery pad by marking the *Stationery Pad* checkbox in the Finder's Info window for that document.)

To use your stationery as a template for a new message, choose a stationery pad from the *New With Stationery* submenu of the *File* menu. A new message will appear with the body text, subject line, recipient, and other attributes of the saved stationery file. (When creating the stationery, you can of course leave as many of those fields blank as you like.)

**Note** Just as before, you can also simply double-click a Mailsmith stationery pad in the Finder to open Mailsmith (if it's not already running) and create a new message based on the stationery.

To use your stationery as a template for a reply to an existing message, choose the desired stationery pad from the *Reply With* submenu of the *Message* menu. The recipient of the new message will be set from the message you're replying to, but the rest of the message attributes, including the body text, will be set from the stationery.

**Tip** You can create Balloon Help for your stationery files by entering comments in their Info windows in the Finder.

**Tip** Include the cookie *%quoted-text%* in your stationery document to have Mailsmith automatically insert the quoted text from the original message when replying with that stationery. The *%unquoted-text%* cookie inserts the unmodified text of the message to which you're replying. The *%attribution%* cookie generates an attribution string (according to the settings in the *Replies* panel of the Preferences).

## Filter Shortcuts

Mailsmith now gives you a quick way to create filters that act on messages like the message you're reading, along with a way to send messages already in a mailbox through one or all of its filters (perfect for when you have changed or added filters and want to apply them to existing messages as well as new ones).

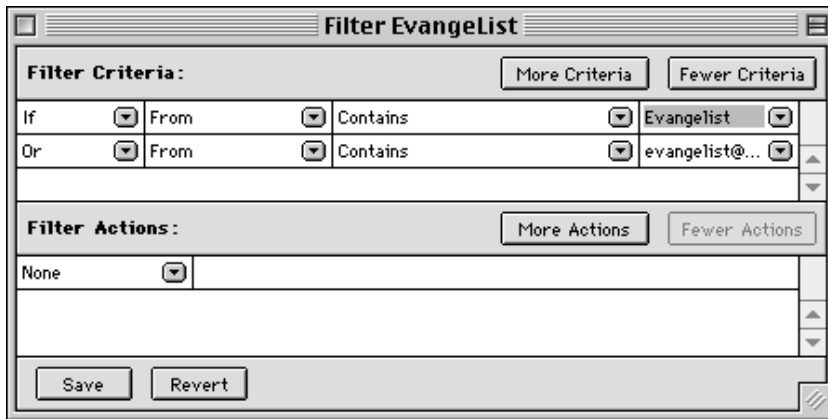
### Creating Filters Using a Message as a Template

Use the *Make a Filter* command (on the *Message* menu) to quickly create a filter that matches attributes of the selected message, including the sender's name or address, the message's subject or priority, the recipient's name or address, or whether the message has enclosures or recipients. When you choose *Make a Filter*, the dialog shown below appears.



In the *Make a Filter* dialog:

- Enter a name for your new filter.
- Choose the mailbox the filter will be attached to, or uncheck the *Attach to Mailbox* filter if you do not want to attach the filter to a mailbox. Mailsmith 1.1.6 has a way to apply filters to messages manually, so it is no longer necessary to attach a filter to a mailbox for it to be useful. (See “Manually Applying Filters” on the next page.)
- Choose whether the filter will activate when any of the criteria are met (Boolean OR) or only when all of them are met (Boolean AND)
- Mark the checkboxes for the fields you want to match with this filter.
- Click the *Create* button. Mailsmith opens the new filter’s window, as shown here.



- In the filter window, you can further refine the match criteria if necessary. You’ll often want to remove text that’s not critical to the match, or add a regular expression to match information that isn’t present in this particular message but could be in similar messages. Then you can select actions for the filter. See pages 57-68 in the *Mailsmith User Manual* for more information on constructing filters.

## Re-Applying a Mailbox’s Filters

You can re-apply all the filters associated with any mailbox, by selecting that mailbox, or a list of messages contained in the mailbox, and choosing *Re-Apply Filters* from the Mail menu. The messages are passed through the filters attached to that mailbox. If a Deposit action is applied to a message, that message will also filter through any sub-mailboxes.

## Manually Applying Filters

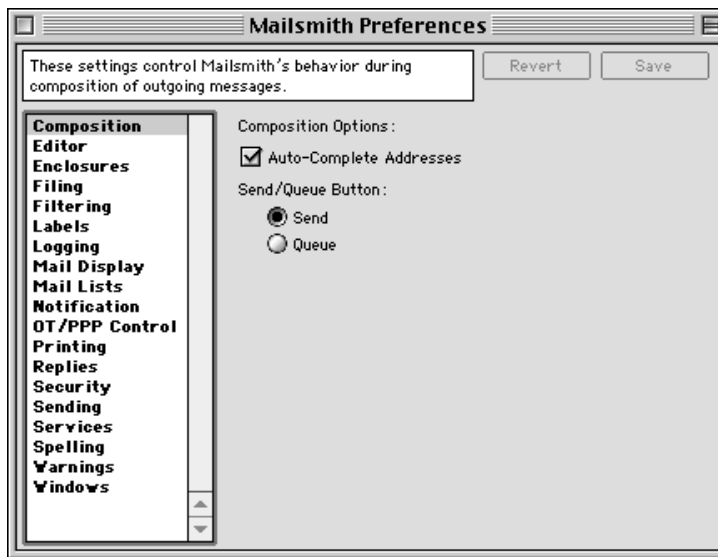
To manually apply a filter to one or more messages, first select the messages or the mailbox that contains them, then *Control*-click to display the contextual menu. Choose the desired filter from the *Apply Filter* submenu of the contextual menu.

**Tip** Since Mailsmith now lets you manually apply filters to messages, it is no longer necessary to attach filters to mailboxes to make good use of them.

## Preferences Changes

### Composition

This new panel (shown below) controls options in Mailsmith's composition window.



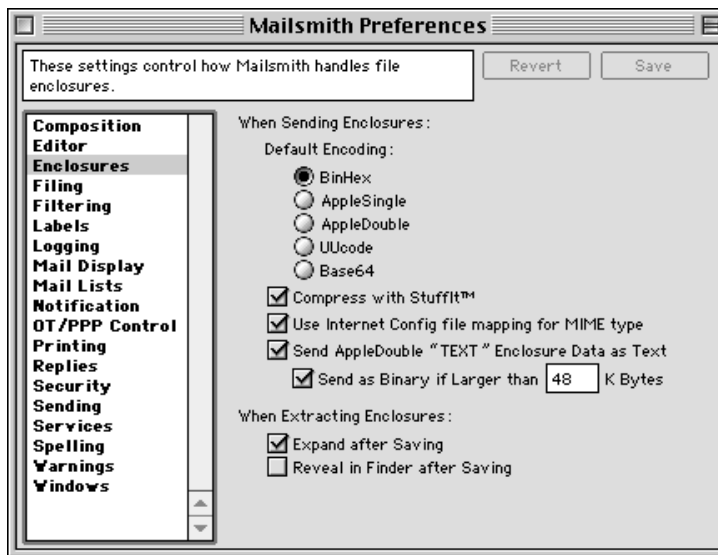
- **Auto-Complete Addresses:** Determines whether Mailsmith's new auto-complete feature is active. When this feature is on, Mailsmith automatically looks up the individual or group in your address book that matches the text you have typed so far and instantly places it in the address field. Each character you type further refines the match; when you have typed enough of the name to identify the desired recipient, press the Return key.
- **Send/Queue Button:** Determines whether the button in the upper right corner of an outgoing message window queues the message for later transmission, or sends it immediately. (You can always reverse the meaning of the button temporarily by pressing the Option key.)

## Editor

The Editor panel (not shown) now has a button that allows you to display the Philip Bar in editor windows. (The Philip bar indicates where the right edge of the screen would be on a 9" Macintosh monitor.) The other options in this panel are unchanged from the previous version of Mailsmith and are discussed on pages 130-131 of the *Mailsmith User Manual*.

## Enclosures

This new panel (below) controls how Mailsmith handles enclosures on incoming and outgoing messages.



- **Default Encoding:** Determines the default ASCII encoding for outgoing message enclosures, including the new Base64 option. This setting only determines the default; you can still change the encoding setting for individual files on new messages using the pop-up menu next to the enclosure. (See pages 108-109 of the *Mailsmith User Manual* for more information on the available encoding methods.)
- **Compress with Stuffit:** Determines whether enclosures on outgoing messages are compressed using Stuffit by default (requires Stuffit Engine, a component of Stuffit Deluxe and DropStuff with Expander Enhancer). You can still select whether individual enclosures will be compressed when you're composing a message using the pop-up menu next to the enclosure.

**Note** If you attach a folder to an outgoing message, it will always be compressed with Stuffit.

- **Use Internet Config file mapping for MIME type:** Mark this checkbox to have Mailsmith generate MIME types for enclosures on outgoing messages based on the file mapping database in Internet Config.
- **Send AppleDouble “TEXT” Enclosure Data as Text:** This preference and its subordinate were moved here from the Sending panel and is explained on page 139 of the *Mailsmith User Manual*.
- **When Extracting Enclosures—Expand after Saving:** If this checkbox is marked, Mailsmith automatically unStuffs enclosures when they are saved to disk (requires StuffIt Engine, part of StuffIt Deluxe and DropStuff with Expander Enhancer).
- **When Extracting Enclosures—Reveal in Finder after Saving:** If this checkbox is marked, Mailsmith automatically opens the Finder window containing the saved item.

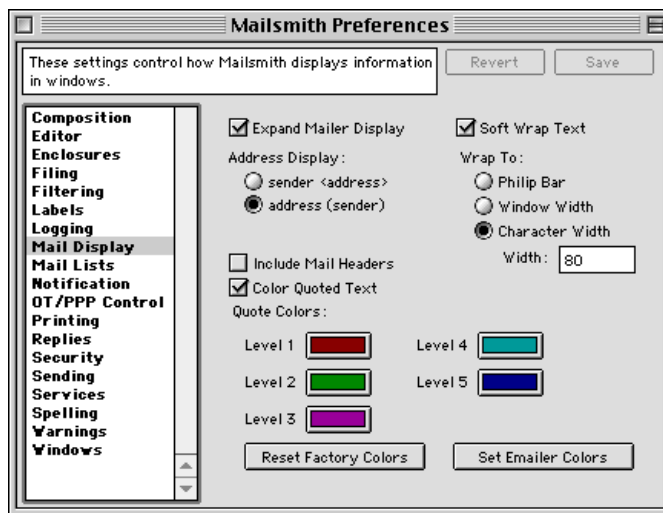
## Filtering

This panel (not shown) has a single checkbox that allows you to globally enable or disable automatic filtering of incoming messages. By default, this feature is enabled. Turning the feature off allows Mailsmith to download messages as quickly as possible, saving connection time for users who pay by the minute for Internet connectivity. Messages can then be filtered manually by using the contextual menu *Re-Apply Filters* command on the incoming mailbox.

## Mail Display

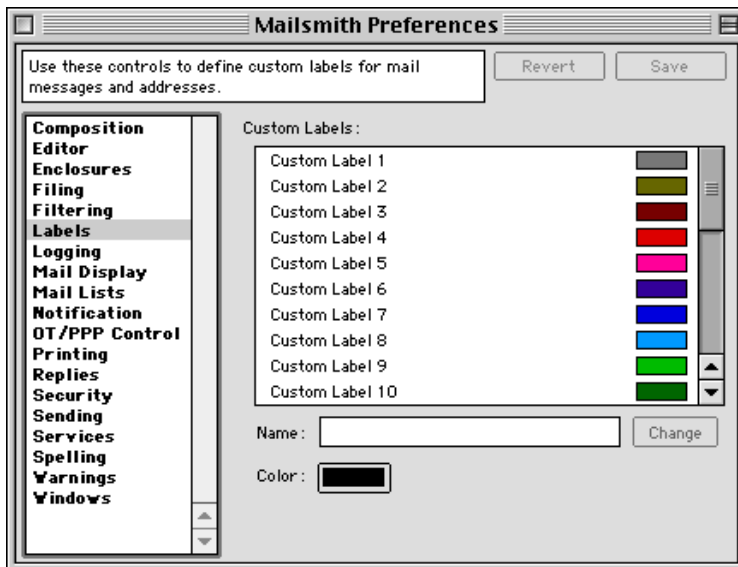
This panel, shown on the next page, now has options for coloring quoted text. Mark the *Color Quoted Text* checkbox to activate this feature. Click a color button to set the color for the indicated level of quoting. Click *Reset Factory Colors* to restore Mailsmith’s default color settings, or *Set Emailer Colors* to use the same colors as Claris Emailer’s defaults.





## Labels

The Labels panel (below) lets you set the colors and names of the 24 new labels supported by Mailsmith 1.1.6.

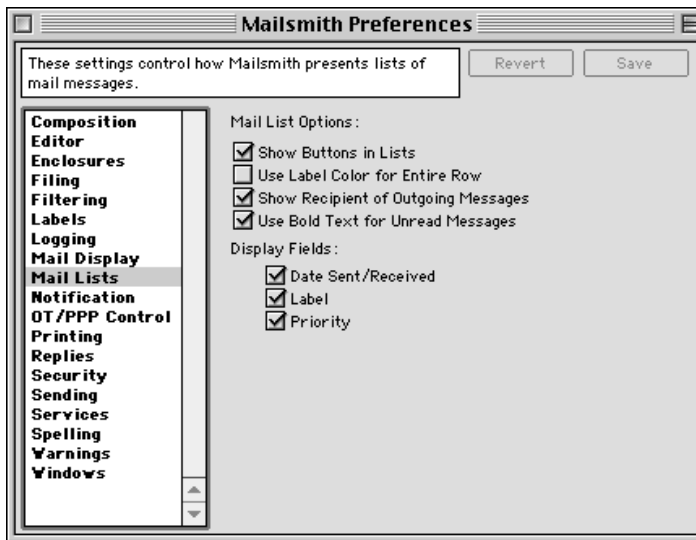


Edit a label by clicking it in the list, then clicking the Name field to edit it. Click the Color swatch to display the color picker and choose a new color. After changing the name or the color, click the Change button to save the edited label.

**Note** The first seven labels (and *None*) are the same as the Finder labels and can be edited in the Finder. Use the Labels control panel for pre-8 versions of the System Software, or the Finder Preferences for Mac OS 8 and later.

## Mail Lists

This new panel, shown below, controls Mailsmith's display of mail lists.

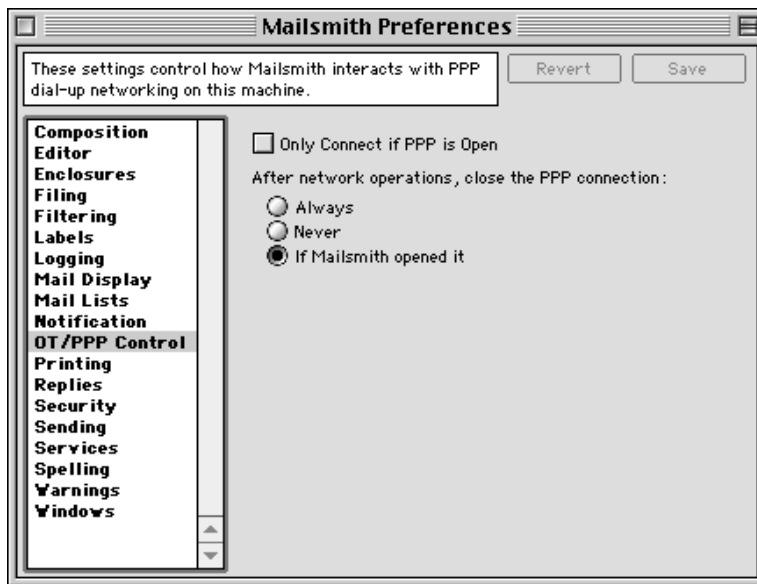


- **Show Buttons in Lists:** Formerly in the Mail Display panel, this checkbox determines whether buttons for opening, forwarding, redirecting, deleting, and replying to messages are displayed at the top of mail list windows.
- **Show Recipient of Outgoing Messages.** Mark this checkbox to show the first recipient of an outgoing message in the From column. In Mailsmith 1.1.6, some limitations apply. This is technically a To address, although it appears in the From column, so the From header may be confusing, especially in outgoing mailboxes. It's not possible to use outgoing recipient names for searching or sorting.
- **Use Label Color for Entire Row:** If this checkbox is marked, a message's label determines the color of its *entire* row. This color overrides colors defined by priority (urgent messages are usually red). Normally, only the Label column is colored.

- **Display Fields:** Determines which columns are displayed in mail lists. Deactivating unused columns allows the *Subject* and *From* columns to become a little wider.

## OT/PPP Control

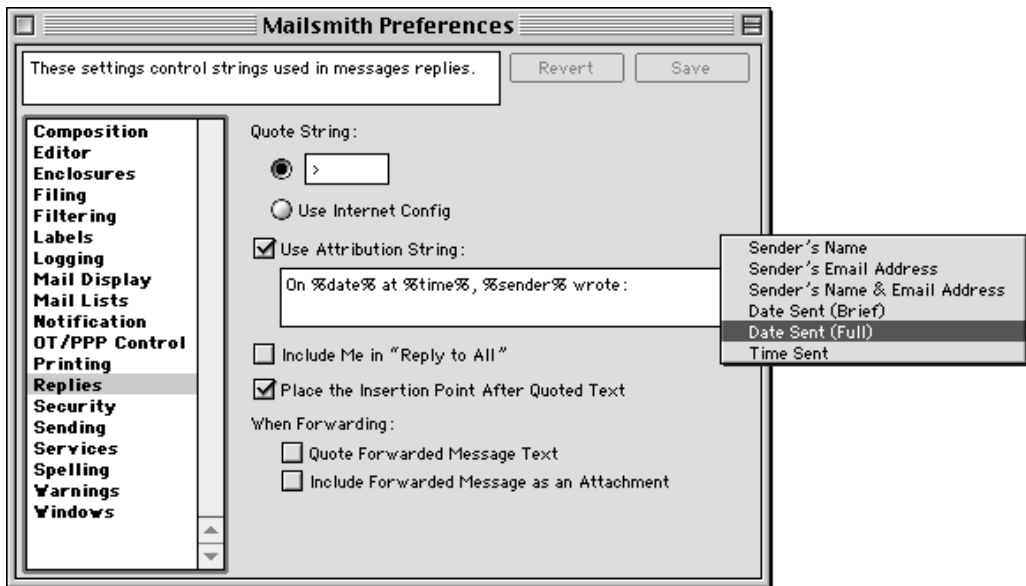
This panel (below) determines whether Mailsmith will check for mail (or send messages) if PPP is not already open. If this checkbox is not marked, Mailsmith will try to make a PPP connection if necessary to check or send mail. There are also radio buttons to allow you to tell Mailsmith to always close PPP after checking or sending mail, to never do so, or to do so only if Mailsmith initiated the connection.



**Note** Mailsmith's PPP control works only with Apple's Open Transport PPP, included with Mac OS 8.x. Other PPP connection modules are not supported.

## Replies

The Replies panel (next page) now includes a checkbox that lets you determine whether you wish to receive copies of messages sent via *Reply to All*. If this checkbox is unmarked, Mailsmith will strip your known email addresses from the recipient list when replying to all recipients.



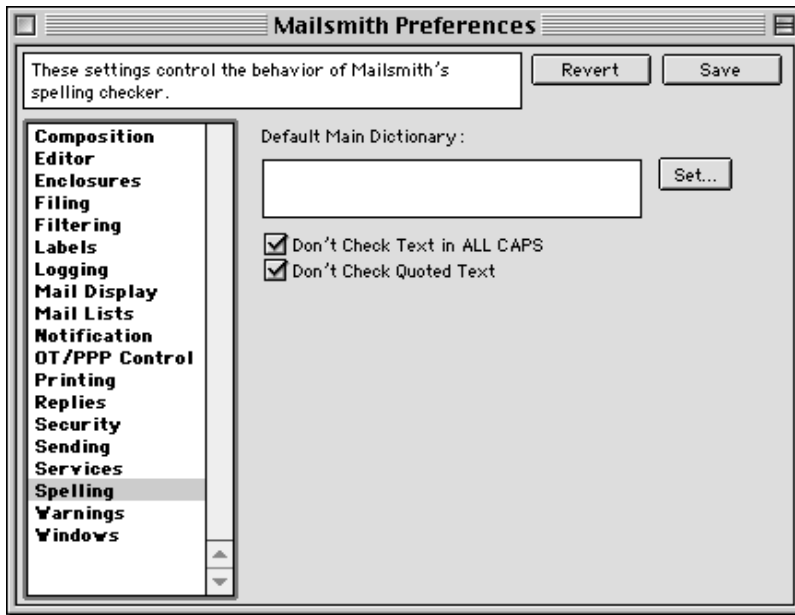
A pop-up menu next to the Attribution String field lists all the “cookies” (placeholders for information that will be inserted when you reply) that can be used in attribution strings. Simply choose one to insert it in the field.

A new checkbox allows you to choose to place the insertion point after quoted text (the default) or before it when you begin a reply.

You can also choose the format of forwarded text here. Forwarded text is not quoted by default. Mark the *Quote Forwarded Message Text* checkbox to insert your preferred quote string in front of the forwarded text. Mark the *Include Forwarded Message as an Attachment* checkbox to include the text as a MIME part, which will appear as an attached file to the recipient.

## Spelling

This preference panel (next page) allows you to set the location of Mailsmith’s main dictionary, allowing you to choose a different language version or to share a dictionary with BBEdit. You can also have Mailsmith bypass the checking of text in all caps or of quoted text by marking the appropriate checkboxes.



## Warnings

The Warnings panel (not shown) now includes a checkbox that lets you indicate whether you wish to be warned before sending a message with unsaved changes (that is, one that had been previously saved to disk, then edited before sending). Another new checkbox in this panel allows you to disable the warning you receive when deleting messages using the POP Monitor.

# New Menu Commands and Keyboard Shortcuts

Here's a summary of the new menu items and keyboard shortcuts added since Mailsmith 1.0.

Menu	Command	Shortcut	Comment
File	New With Stationery	n/a	
Text	Rewrap Quoted Text	Command-'	Add Option to use previous settings
Text	Increase Quote Level	Command-Option-]	
Text	Decrease Quote Level	Command-Option-[	
Text	Strip Quotes	n/a	
Search	Find Selection	Command-Option-Double Click	
Special	Empty Trash	n/a	was on <i>Mail</i> menu
Special	Empty & Compact Trash	Option reveals in menu	was on <i>Mail</i> menu
Special	Rebuild Mailbox	n/a	
Special	Compact Mailbox	n/a	
Special	Reclaim Header Space	n/a	
Special	Normalize Dates	n/a	
Message	Reply With	n/a	
Message	Previous Message	Control-Up	
Message	Next Message	Control-Down	
Message	Trash & Go to Previous	Option-Control-Up	hold down Option to see
Message	Trash & Go to Next	Option-Control-Down	on <i>Message</i> menu
Message	Show Details	Command-Shift-D	
Message	Make a filter	n/a	
Mail	Re-Apply Filters	n/a	
Mail	Move Duplicates to Trash	n/a	
n/a	Switch tabs in tab pane	Control-Tab, Control-Shift Tab	
n/a	Page down/up in message (go to next message at end)	Space, Shift-Space	
n/a	Delete to previous word	Option-Backspace	as in BBEdit
n/a	Delete to next word	Option-Forward Delete	
n/a	Delete to previous line	Command-Backspace	
n/a	Delete to next line	Command-Forward Delete	

Contextual menus have also been added to many parts of the program. See *Contextual Menus* on page 20 of this manual.

# Scripting Changes

Mailsmith 1.1.6's AppleScript support is significantly improved over previous versions, offering more consistent behavior and fewer spurious error messages. Here are the highlights of the actual functional changes. Drop the Mailsmith application icon on Script Editor for a current dictionary.

- The pop monitor application property returns a reference to the POP Monitor window. You can use this to open the window, as in `tell application "Mailsmith 1.1" to open pop monitor`.
- The size property is available for messages and mailboxes, returning the size in bytes of the object. Mailboxes also support the free space property, which represents the number of bytes that would be reclaimed by a compact or rebuild operation.
- The partial and on server message properties indicate whether a message has been partially downloaded or left on the server, respectively.
- The property formerly known as mail server name is now called server account, and contains the login name of the account as well as the POP server name in "login@server" format.
- The reply reference property returns a message's In-Reply-To header, if it has one.
- In Mailsmith 1.1 and later, headers are stored as a single object, rather than as separate database elements. The header text property of a message returns the full RFC 822 headers for the message. The header element is still available, but only for MIME subparts of a multipart message.
- Message enclosures can now respond to the save event, so you can write a script using the syntax: `save enclosure 1 of message 1 to "Foo."` The enclosure will be decoded in the specified location. If you specify a file, a file with that name will be created. If you specify a folder, the file will be created inside that folder with the name specified in the MIME information of the email message.
- A new connection in progress application property allows you to determine whether Mailsmith is currently communicating with a mail server.
- Scripting access to the database is now permitted during message downloading and filtering. As a result, the *Run Script* filter action now passes the filtered message to the script, which can process the message. A script that's running as the result of a filter action should *not* try to delete the message or move it to another mailbox; if it does, any subsequent filters or actions that act on the message will return errors.

- Since scripts can now act on messages, scripts called by filters can now have an on FilterMessage(message) handler. The message parameter is passed a reference to the message being processed. If the script does not have a FilterMessage handler, its main routine (on run) will be called instead, so your old scripts will continue to work, but the filtered message cannot be passed to the script this way.
- The properties of the email account object are vastly expanded to provide read/write access to most of Mailsmith's account settings. A new object class, mail account, refers to a single mail account. Each account has the following properties, all read-only: name, can check, can send, and next connection time. If an account is send-only or automated checking is disabled, a date far in the future will be returned for next connection time. This makes it possible to change account settings (such as SMTP server) from a Location Manager script, for example.
- A new read-only application property called default account refers to the default email account as set in the Email Accounts window.
- The check mail and send queued mail events have been enhanced with a using parameter that lets you specify a list of email accounts to check or send. If the using parameter is omitted, all accounts are checked or sent. Note that you can use the default account property described above (in the form check mail using default account) to check or send mail using whatever account is selected as the default. Here is an example script:

```

tell application "Mailsmith 1.1"

    check mail using default account
        -- checks for new mail on the default account

    check mail using -
        {    mail account "Tech Support", -
          mail account "Sales" }
        -- checks only the "Tech Support" and "Sales" accounts
        -- for new mail

    send queued mail using mail account "Customer Service"
        -- sends queued mail for the "Customer Service" account

end tell

```



- The rebuild and compact events allow you to compact or rebuild mailboxes. The compact event lets you specify whether the rebuilt mailbox should have the same filters as the original (using the copying filters flag). Both commands may take a significant amount of time to complete, so they should be used inside a timeout block, as shown here.

```
with timeout xxxx seconds -- "xxxx" being some large-ish number such as 10000
    compact mailbox "Foo"
end timeout
```

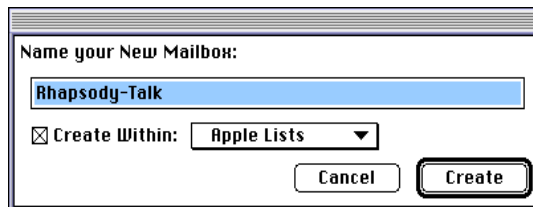
- A new refilter command has the same effect as selecting a mailbox and choosing *Re-Apply Filters*. That mailbox's filters will be re-applied to all messages in that mailbox. You can use this command to delay filtering until message downloading is complete. Turn off *Enable Automatic Filtering* in the Filtering preferences, then write a script like the one below and assign it as a script to be run in the Notification preferences.

```
with timeout 86400 seconds
    tell application "Mailsmith 1.1"
        refilter incoming mail
    end tell
end timeout
```

## Changes in Version 1.0.1

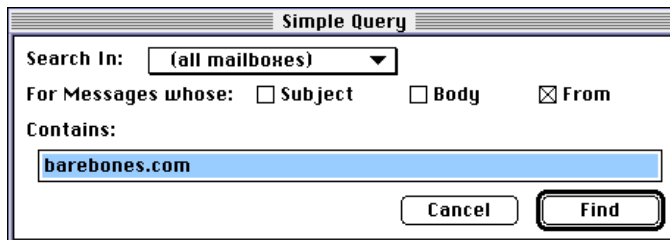
If you are currently using Mailsmith 1.0 and never upgraded to 1.0.1, upgrading to Mailsmith 1.1.6 will also add the following significant features originally provided in Mailsmith 1.0.1.

- When creating a new mailbox, you can now explicitly specify whether or not the new mailbox should be created within another mailbox, and if so, which mailbox. If you select a mailbox in the mailbox list or the mail browser before choosing the *New Mailbox* command, that mailbox will be the default choice. The *New Mailbox* dialog has been revised to reflect this:



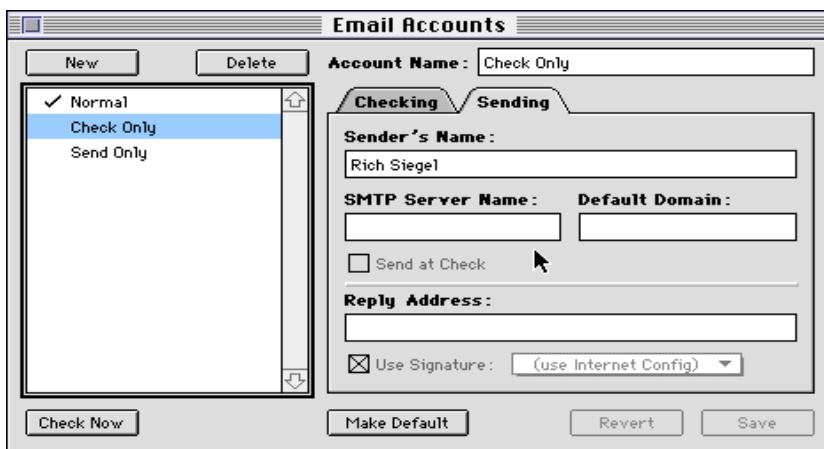
If you mark the *Create Within* checkbox, you can choose the mailbox within which your new mailbox will be created. Note that incoming mail, outgoing mail, and trash are special and cannot contain other user-created mailboxes, and so are not available from the pop-up menu.

- In previous versions of Mailsmith, the *New Mailbox* command was disabled when a special mailbox (incoming mail, outgoing mail, or trash) was selected, which led to confusion. Since the *New Mailbox* command has been enhanced as described above, this restriction has been removed.
- Mailsmith is now more intelligent in deciding whether to insert a carriage return before appending the signature to an outgoing mail message. If the chosen signature begins with a carriage return or punctuation character, Mailsmith will not insert a carriage return; otherwise, Mailsmith will insert a carriage return so as to provide a blank line between the message body and the signature.
- If you hold down the *Option* key while pulling down the *Special* menu, *Empty Trash* becomes *Empty & Compact Trash*. Choosing this command compacts the trash mailbox's database file after removing all of the messages, thus recovering the unused space and reducing the trash's disk space requirement.
- A From option has been added to the *Simple Query* dialog. If the *From* checkbox is marked, the simple query will match any message whose From header line contains the specified string in its name, user ID, or server.

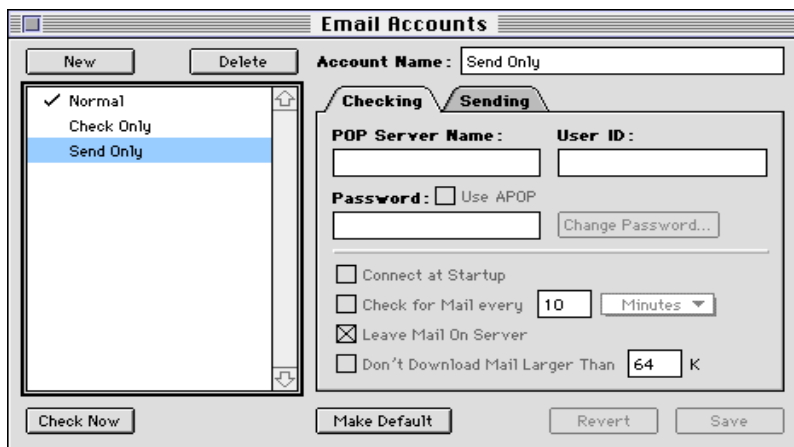


- The message property is now accessible for the mail list window Apple Event object class. As in message windows and the mail browser, this object provides access to the currently selected message.
- Mailsmith stores the name of the POP server from which each message was downloaded. This information is now accessible for use when querying and filtering; it is listed as *Mail Server Name* in the *Part of Message* pop-up menu in the *Advanced Query* window and in filter windows. If you have multiple POP accounts, each on a different server, this message attribute can be used to determine which server a particular message was downloaded, and may be put to good use when filtering incoming mail.

- You can now set up “check only” and “send only” email accounts for greater flexibility. For a check-only account (an account from which you cannot send mail), leave the SMTP server name (in the *Sending* panel) blank, as illustrated below.



For a send-only account (an account from which you can not check mail, only send it), leave the POP server name, user ID, **and** password blank, (below). This instructs Mailsmith not to attempt to check that account for new mail. (If you don't leave all three fields blank, Mailsmith will report that you have misconfigured the account.)



# Fixes

The following reported issues in previous versions have been resolved in Mailsmith 1.1.6.

- Due to a side effect and a bug, copying addresses from the address book would cause the browser mail view to be updated with the name of the sender of the most-recently-viewed message. Both the side effect and the bug have been fixed.
- Forward-delete now works correctly when the insertion point is before the last character in a text field.
- The following script now returns every item in the address book instead of signaling a user break in Macsbug:

```
get every item of default address book
```

- Fixed crash which would occur when logging filter actions on messages with excessively long subjects. (The subject is now truncated in the log.)
- Move Duplicates to Trash will now compare the header text of two messages whose message-ids are equal (or absent).
- Move Duplicates to Trash will now take into account the "on server" and "partial download" properties, and if two messages differ in those properties, they are not considered duplicates (even if other compared properties equate).
- When dragging the "To:" caption from a collapsed mail status bar, Mailsmith will now generate CR-delimited addresses, more useful than previous versions.
- Auto-checking on newly-created mail accounts is now disabled if "Enable Auto-Checking" is turned off. (That is, you can specify auto-checking if you wish, and it will commence when "Enable Auto-Checking" is turned back on.)
- Fixed bug in which triple-clicking in a text view would cause Cmd-clicking (for URL resolution) to become inoperative in that view for some indeterminate period of time.
- When a mailbox is deleted, the corresponding file is now moved to the Trash, rather than being deleted outright. This provides some measure of recoverability against accidentally deleting a mailbox.
- The Mail Accounts window will no longer allow you to change the name of an account to one that conflicts with an existing account.
- Mail accounts are now linked to mailboxes by database object ID, to guard against conflicts introduced by name changes.

- Fixed bug in which extracted enclosures with a resource fork would be generated incorrectly, typically resulting in an unusable file. This usually happened when the attachment was received as AppleDouble.
- When sending attachments, Mailsmith now generates a Content-Disposition: attachment" MIME header, so that receiving email clients are more likely to do the right thing.
- Fixed various bugs in the construction of AppleDouble attachments which usually caused other mail readers to be unable to correctly interpret such attachments.
- Fixed bug in which Mailsmith was failing to store the "Content-Disposition" MIME part header (in both sent and received messages).
- Fixed a bug in the SMTP transport code which would sometimes cause Mailsmith to stall at the end of sending a message, displaying 100% send progress for the message, until the transfer timed out (or was cancelled by the user).
- Fixed bug which would cause Mailsmith to clear the "on server" attribute of messages which were left on the server due to size limits, when the "Leave Messages On Server" switch was turned off.
- The Home, End, Page Up, Page Down, and repeated keys now work correctly in the Set Menu Keys... dialog.
- Worked around situation in which certain broken mailers would generate messages with incorrectly RFC2047-encoded subjects; such messages would cause Mailsmith to crash.
- Mailsmith now generates a Message-ID header when sending an outgoing message.
- Fixed bug which would cause Mailsmith to lose track of outgoing mailboxes after the "Mailsmith Data" folder had been relocated to another disk. This usually manifested as 23001 errors when trying to check for mail while in this condition, and sometimes -1728 errors when trying to open the Mail Filters or Address Book windows.
- In list views which are not an integral number of list items in height, Mailsmith will now draw the visible part of the item at the bottom of the list. Previous versions just drew that space in white, which could lead to confusion in inactive list views.
- Dealt with excessive cleverness in AppleScript; scripting commands such as  

```
open file "Foo:bar:folder:file"
```

now work.
- Fixed bug in which Mailsmith would fail to report corrupted BinHex files (CRC stored in file doesn't match CRC of decoded data).

- If Mailsmith detects a malformed AppleSingle/AppleDouble header, it will now report that, rather than the amusing but uninformative "square peg in round hole" message.
- Fixed bug in the scripting interface in which trying to access a property of an object property of an object in a single scripting command would fail. Previously, commands of this form:

name of message of window 1

would (incorrectly) not return any data and have to be split up:

set m to message of window 1  
name of m

With this fix in place, you can now write:

name of message of window 1

and the correct data will be returned (assuming that "window 1" has a message view and is displaying a message).

- Fixed various memory-management bugs related to querying; if a query operation failed (by running out of memory) or was cancelled by the user, the database objects loaded by that query tended to remain in memory until the application was quit, making it difficult to do much with Mailsmith in the meantime.
- When dropping an enclosure onto a folder alias, the alias would highlight, but the enclosure would not be extracted. This now works correctly.
- Fixed typo in the scripting dictionary.
- Fixed bug in which Hard Wrap with paragraph fill, as well as Rewrap Quoted Text, would sometimes crash.
- Put in change to deal with excessively clever mail servers which insert a "Content-Transfer-Encoding: quoted-printable" header in BinHex MIME parts.
- Fixed bug which would cause a -36 error to be reported while downloading mail (usually partial downloads from the POP Monitor or as the result of "Don't Download Mail Larger Than" setting).
- Played some games with the database subsystem to slightly reduce excessive thread yielding and disk I/O.
- Made change to Mailbox List and Mail Browser windows to improve window responsiveness when inactive.
- Transfer filter actions are now deferred until the end of filtering; this fixes a problem in which Open or Print filter actions would fail if they occurred after a Transfer.

If you are updating from a version of Mailsmith prior to 1.1.5, installing Mailsmith 1.1.6 also includes the following fixes which were originally incorporated into version 1.1.5.

- Fixed bug in which scheduling an automatic account check interval greater than about nine hours would result in a check interval of roughly two years.
- Put in code to work around bugs in ill-behaved system extensions (e.g. OSA Menu and OneClick) which would cause Mailsmith to malfunction.
- Worked around bug in the Apple Location Manager which would cause crashes and other malfunctions in Mailsmith when switching locations. (One manifestation was that the "next connection" time for an account enabled in the course of a location switch would be displayed as more or less the current system clock time.)
- Mailsmith will now prompt for the Master Password if necessary when opening a mailbox via an Apple Event.
- Execution of Open and Print filter actions is now deferred until the message has been completely filtered. This solves problems that arise when an Open action follows a deferred Deposit action.
- Fixed bug in which pasting into the recipient entry field in an outgoing message, then hitting Return or Enter would cause the previously autocompleted address to be entered, rather than the actual entered address.
- Fixed bug in ordering of OSA script access to numbered labels.
- Mailsmith now returns the correct OSA object class for the Preferences and Address Book windows.
- Fixed bug in which Mailsmith would never shut down a PPP connection if "Leave Mail On Server" was turned off.
- If you drag text email addresses to an open address group window, Mailsmith will now add the addresses to the group, as well as to the address book.
- Made a change to the PPP control code; Mailsmith now exclusively controls Open Transport/PPP; other PPP stacks are no longer supported. PPP control functionality is now compatible with Mac OS 9.0 (it wasn't before). Outstanding bugs relating to PPP control (or lack thereof) are fixed.
- The controls in the "OT/PPP Control" prefs panel (formerly "PPP Control") are now disabled if OT/PPP is not installed on the machine running Mailsmith.
- When replying with a stationery document, Mailsmith would fail to insert either the sender's reply address or any of the addresses in the stationery document into the recipient list of the reply message. This now works correctly.

- When copying or dragging text from the Address Book window, Mailsmith will now expand any selected groups into their constituent addresses, rather than just generating the name of the group. Although this can lead to duplicate addresses in the generated text, it's generally more useful.
- Mailsmith will now pass StuffIt 5 archives on to the StuffIt Engine for expanding. (If you have a pre-5.0 version of the StuffIt Engine installed, the engine will report a corrupt archive.)
- Fixed bug in which accounts weren't properly listening for location changes.
- Worked around bug in the Location Manager which would sometimes cause the Finder to crash when switching locations with Mailsmith running.
- Mail list windows will now redraw themselves correctly in response to a "sort" scripting command.
- Fixed bug in which some legitimate message properties were not allowed as parameters to the "sort" scripting command.
- Fixed bug in which Move Duplicates To Trash would malfunction when asked to process more than 16383 messages.
- Removed some extraneous properties from the scripting dictionary.
- Fixed bug in which Mailsmith would lose its synchronization point (and thus subsequently redownload all messages on the server) if a network failure (such as dropped PPP connection) occurred while it was requesting the message's UIDL from the server.
- The "Set Menu Keys..." dialog now allows you to choose the "Delete" key as a menu command equivalent.
- Fixed bug in the POP Monitor which prevented the "Save..." command from working when used for large messages.
- Worked around broken MS Exchange servers which would cause Mailsmith to get stuck in a loop when downloading messages from the server which contained binary attachments.
- Fixed bug in the scripting interface that would prevent creation of enclosure objects with folders.
- Fixed bug in which the application sleep time would be miscalculated after closing a PPP connection, which would cause Mailsmith to consume more background cycles than necessary.
- Fixed crash which would occur when Option-clicking on a floating window's close box.
- Fixed bug in which the collapsed "(outgoing mail)" mailbox list item would fail to reflect unsent messages.



- Fixed flickering which would occur in a focused mailbox list (i.e. the Mail Browser) while receiving/filtering mail.
- Fixed bug in which deleting a message from the message list would cause the list to be re-sorted using the selected sort key. This would cause inconvenient reshuffling of the list if it had been sorted by "seen" status.
- Fixed thread scheduling bug which would cause mail transfer delays (and network timeouts, in extreme cases) during periods of heavy database activity (specifically, storing messages with "Leave Mail On Server" turned off).
- When deleting messages or moving them from a message list to another mailbox in the UI, the originating list no longer redraws incrementally. This reduces visual shuffling and improves performance somewhat.
- Fixed bug which would occur if storing a downloaded message failed and automatic filtering was enabled: subsequent attempts to quit the application would result in a perpetual "Waiting for Mail Delivery..." progress box. Canceling the progress box was possible, but force-quitting the application was ultimately necessary.
- When you close a window containing a mailbox list (i.e. the Mail Browser or Mailbox List windows), Mailsmith will now explicitly flush the "(incoming mail)" and "(trash)" mailboxes, and the Mailsmith Post Office database.
- Jim got a new car, so the "Jim's Gas Tank" reading has been updated appropriately.
- Fixed bug in which accounts with automatic checking turned on would be scheduled at Mailsmith startup even if they were not allowed to check from the current location.
- When composing an outgoing message, previous versions of Mailsmith would disable items in the "From:" popup menu that corresponded to accounts for which sending was disabled for the current location. This was the correct thing to do, as it prevented errors when attempting to send from an account at the wrong time, but caused inconvenience in situations where it was desirable to select such an account, and queue the message for sending at a later time.

Now, Mailsmith will enable the menu items for such accounts, but if you're not in a location from which sending is enabled, the "Send Now" menu command, and the "Send" button will be disabled. You can still choose "Queue for Sending" from the menu or hold down the Option key and click the "Queue" button (or not, depending on the setting in the "Composition" preferences) to queue the message for later sending.

If you are updating from a version of Mailsmith prior to 1.1.4, installing Mailsmith 1.1.6 also includes the following fixes which were originally incorporated into version 1.1.4.

- Fixed bug in which copying from the Subject field in read-only windows would cause the window's title to be set to the contents of the Subject field. This wasn't a problem except when the message in question was being displayed in a mail browser or within a mail list window (open mailbox or query results).
- Fixed bug in which pasting into a password dialog field (master password dialog or POP Monitor connection dialog) would cause the password to be pasted twice (once as clear text).
- Fixed cosmetic glitch in the focus border for message list when the list takes up the whole window.
- Fixed bug in which the Address Book would not function correctly if it had been aliased in the Mailsmith application folder.
- Increased the stack size of the database thread. This resolves crashes when storing deeply-nested MIME messages (such as those asinine AOL chain letters).
- Fixed cosmetic bug in which names in the mailbox list (and occasionally message subjects, filter names, or (very rarely) address properties would sometimes display as junk.
- Fixed bug which prevented the correct default mailbox from being selected in the popup when using "Make A Filter..."
- Fixed bug in which Mailsmith would touch every mailbox file when closing a mailbox list (cf. the Mailbox List or Mail Browser windows).
- Mailsmith will no longer attempt an automated mail check on an account if it is already connected or if there is mail remaining to be stored. This fixes the problem in which duplicate downloads will occur if an automatic check fires while the previous batch of mail is being stored.
- Mailsmith now uses the advanced search mechanics introduced in 1.1.3 for resolving database location references used by the Address Book and the filter database. This makes it easier to move your Mailsmith setup to another machine (or to another disk on your machine), or to synchronize data.
- Fixed bug in which a 1800 error would occur while parsing fragmentary messages (such as those partially downloaded with a TOP command from a mail connection or the POP Monitor).
- Fixed bug in which the POP Monitor would crash when retrieving info about a message with a very long subject.
- Previously, Mailsmith would only record last-message info when leaving mail on the server (i.e. "Leave Mail on Server" turned -on- in the email account settings). If Leave Mail on Server is turned -off-, this would cause problems if the connection dropped before Mailsmith could delete the mail from the server; on the next connection, Mailsmith would re-download all of the messages that remained on the server from the previous session. Now, Mailsmith records last-message info even if it's going to delete the mail from the server, so that in the event that the deletion doesn't occur, it will be able to resynchronize.

- Mailsmith now sets the "is on server" property of a message to TRUE immediately after downloading a message. If "Leave Mail On Server" is turned -off-, then Mailsmith will set the property to FALSE only after the message has been deleted from the POP server.
- Fixed bug which could cause new filter creation to fail with a 16404 error.
- Fixed bug which would cause a crash when exporting a message with more than 8K of header text.
- Improved handling of two-digit year date headers generated by broken mail clients.
- Mailsmith will no longer allow you to select Base64 or UUcode transfer encodings for attachments with resource forks. (Neither transfer encoding provides the support necessary to transfer the file correctly.) If your preferred transfer encoding is one of these, and you attach a file, Mailsmith will switch the encoding to AppleDouble.
- Fixed bug in which the spell checker would incorrectly load words containing eight-bit characters from the User Dictionary.
- Worked around OS bug which would sometimes cause -120 errors to occur during various database operations.
- Fixed bug in which Mailsmith would erroneously try to use extended SMTP commands when the SMTP server was changed from an extended to a non-extended server.
- When dragging text email addresses to a group in the Address Book window, Mailsmith will now correctly create an entry in the group. (Previous versions would only create an entry at the top level of the address book.)
- When double-clicking on list items, Mailsmith will no longer treat two clicks in proximity as a double-click if the second click has different modifier keys (shift, option, command, control) than the first one.
- The "Trash & Go To Previous/Next" menu commands now work when the mail display view is hidden.
- Fixed bug in which moving a message from one mailbox to another via the Apple Event interface would cause the destination mailbox's count to be off.
- Fixed bug in which Mailsmith would allow you to choose an account for sending which should have been disabled for the current location. (This was only an issue for accounts with "Only send from location:" turned on.)
- When exporting addresses via drag & drop, the address book now generates its addresses in the canonical RFC822 form "user@host (Name)", regardless of the address display setting in the Mail Display prefs. This ensures importability of the resulting text.
- Mailsmith will no longer attempt type-matching in the Address Book window when the Command key is down.
- Mailsmith will now log errors resulting from the "Run Script" filter action; previously, if a script failed, it would do so silently.

- Drawing of the mailbox list is now more concurrent than in previous versions; the application should generally be more responsive when a mailbox list needs to be redrawn (as occurs while mail is being downloaded and filtered). If a mailbox is busy, the "chasing arrows" may appear briefly.
- If you quit while message storage and/or filtering is in progress, Mailsmith will now present a "Waiting for Delivery..." progress box, instead of crashing. (Canceling the dialog will cancel the quit operation.)
- Fixed crash in the spell checker which would occur when doing a Replace All and the replacement word was longer than the corrected word.
- Mailsmith now honors the defaults for Page Setup and Print dialogs as set in the "Printing" preferences.
- The mail store and filtering tasks now get an extra time slice, to make storing and filtering a bit faster.
- The cursor that Mailsmith uses while waiting for the database to unblock is now less intrusive.
- Mailsmith has been revised to greatly boost the performance of scripted batch operations on lists of messages.
- Fixed bug in which "Get from Server" used on multiple selected messages would get stuck in a loop.
- If any HTML attachments have names, Mailsmith will use the attachment's name, rather than "HTML Attachment".
- Fixed selection jumping when doing a Shift.
- Fixed bug in which attempting to open or view a message containing an embedded message part (other than a message/rfc822) would report a -1728 error.
- Fixed cosmetic glitches in the mail composition area (white blotches, disappearing popups, etc).
- Fixed bug which would prevent Reapply Filters from correctly routing messages when refiltering was done on a mailbox other than the in box.
- Mailsmith now correctly displays address names containing ISO-8859-1 characters in situations when it didn't before.
- Fixed crash that would occur when downloading messages with pathologically long subjects with "Log Mail Activity" turned on (in the Logging preferences).
- If the preferences file is present but couldn't be opened (because it was damaged or in use), Mailsmith will now report the error before quitting.
- When creating mail list windows from scripted queries (e.g. "every message whose subject contains 'mumble'"), Mailsmith will now use the query's sort order as the window's sort order.
- When forwarding an outgoing message, Mailsmith will now suppress the "Received:" header, rather than generating one with a bogus date.

- When exporting an outgoing message, Mailsmith will now generate a reasonable date for use in the "From ???@???" line.
- Fixed bug which would cause some selection-based operations to fail in the text editor after certain forms of arrow selection.
- When using the "Add to Address Book" contextual menu item, Mailsmith will now properly decode RFC2047-encoded names (such as "=?iso-8859-1?Q?Death=96ngue?=") before putting them into the address book.
- Fixed bug which would cause the dates specified in date queries to "drift" and thus function incorrectly.
- When storing a message, previous versions of Mailsmith would not decode the sender's name before setting the "Sender" property of the stored message. This would cause messages from senders with RFC2047-encoded names to be sorted to the top of the list when sorting by sender. Mailsmith now decodes the name before setting the "sender" property, so that names sent from addresses with encoded names will now sort in the proper order. If you have an existing mail store that contains messages sent by people with encoded names, you can correct them by selecting the relevant mailboxes and choosing "Normalize Sender Names..." from the Special menu.
- Fixed bug which prevented the Grep line operators (^ and \$) from working when searching message bodies and headers.
- Fixed crash that could occur when trying to view messages with incomplete or malformed BinHex parts.

If you are updating from a version of Mailsmith prior to 1.1.3, installing Mailsmith 1.1.6 also includes the following fixes which were originally incorporated into version 1.1.3.

- Worked around Balloon Help stupidity which would cause balloons in mail list view headers to come up in the wrong place sometimes.
- Cleaned up balloon help in menus and preference panels.
- Made changes to improve performance of sending messages when on-the-fly Base64 or quoted-printable encoding is necessary.
- Fixed bug in which Mailsmith would zap the account preferences after a failed initialization of the post office. The net result would be that after restoring order, the outgoing mailboxes would be moved to the trash and previously established email account settings were lost.
- When searching for data files (e.g. mailboxes), Mailsmith will now search in the Mailsmith Data folder first, rather than last. This resolves problems encountered when copying a data folder over from another volume or from a demo installation.
- Fixed bug in which double-clicking on a message multiple times would open multiple message windows.

- Worked around NeoAccess engine bug that was causing database corruption in some circumstances. The manifestation for some users was almost daily corruption of the in box such that Mailsmith would crash or report an error (usually -335) on launch, but the problem would occasionally assume other forms as well.
- Fixed bug in which using the "Close & Delete" command on a message window after using the navigation arrows would result in an erroneous "this message has been changed" alert.
- Fixed bug which would sometimes cause additional text to be displayed after a server error message in the Connection Status window.
- Fixed bug in decoding of RFC2047-encoded strings which contained a combination of encoded and unencoded text, but whose aggregate length was longer than the RFC2047 length limit.
- Mailsmith will now search server addresses in the address book when doing a "Guess".
- The various Edit menu commands now work correctly when applied to text fields in the Preferences window.
- Fixed crash that would occur when a master password had been specified and Mailsmith was launched from the Control Strip module with the "Check for New Mail" command. (Due to technical limitations, Mailsmith won't check for mail when there's a master password specified and it's launched in this manner.)
- Fixed bug which would cause the "Rebuild Mailboxes" command (or scripted rebuilds) to crash sometimes.
- Fixed bug in reporting of incomplete mailbox rebuilds; the number of messages actually copied should now be correctly reported.
- When rebuilding a mailbox, Mailsmith will skip a message if it can't be copied, rather than aborting the entire rebuild process.
- Fixed bug in the networking code which would cause a hang when disconnecting in some error conditions.
- Fixed a potential concurrency problem in the block-based database cache.
- When closing the Mail Filters window while in the middle of renaming a filter, the name change will be applied.
- When handling the "Save" event for enclosures, Mailsmith used to bring up a standard Save dialog if a save destination was explicitly specified but was invalid (e.g. referred to a missing file or folder). Now, a scripting error will be reported.

- When sending a message, Mailsmith now composes the message to memory/disk before sending it across the network connection. This resolves network performance problems due to database constraints and excessive yielding that would occur in previous versions. When sending an outgoing message, there may be a brief delay between the time the SMTP connection is opened and the time that actual message transmission begins. The amount of delay depends on the size of the message and the speed of the client machine. Think of it as turbo lag.
- Fixed bug which would cause NeoAccess to crash when compacting or rebuilding certain corrupted databases.
- Fixed bug in which check-only accounts were enabled in the sending-account popup (in the Options tab of outgoing message windows).
- When importing a message with no "Date" header, but with date information in a Eudora-style message separator, Mailsmith will now use the available date information to establish the message's date, and will mark that message as outgoing and sent.
- Fixed bug in the handling of outgoing mailboxes when reconstructing the Post Office database; outgoing mailboxes that were present before reconstruction should now be accessible after reconstruction.
- The "Add..." button in mailbox info windows is now disabled if there are no filters.
- The %sender-name% attribution string cookie now does the right thing with RFC2047-encoded strings.
- When sending mail with typed-in address, Mailsmith will suppress the RFC822 personal-name component if it's identical to the composed user@host form. This prevents stupid-looking email addresses of the form "user@host.domain.com" <user@host.domain.com> in outgoing mail.
- Cleaned up handling of 'pdoc' events.
- Made some changes to the networking code to ensure clean TCP/IP disconnection. This was done for the sake of correctness, but may go some distance toward reducing the incidence of -3153 errors.
- Fixed a bug which would occur after reconstruction of the "(incoming mail)" mailbox; when hierarchical filtering occurred, the incoming mailbox was no longer getting processed first.
- When filtering mail through the mailbox hierarchy, mailboxes are now processed in order by name, rather than by database order (i.e. order of creation), as was previously done. This means that the filter ordering now corresponds to the display ordering (in the Mail Browser or Mailbox List windows), and you can control filtering order by changing mailbox names.
- Fixed memory leak that would occur when filtering messages.
- Fixed bug in which certain menus would present a divider line when displaying a file whose name began with a hyphen (-).
- Fixed bug in which the "Text File Creator" preference was not being honored in some situations.

- Fixed bug in the plug-in interface which was causing some floating tools to be opened with incorrect window placement and size.
- Items in the Connection Status window now redraw immediately when status changes.
- Fixed bug in which the networking code would not give up time to other application tasks when the OS completed the async I/O request immediately; this would lead to perceived "hangs" and other lack of application responsiveness while waiting for the completion of a receive or send operation.
- Mailsmith now correctly generates replies to messages which contain multiple addresses in the "Reply-To:" header of the incoming message.
- Fixed bug in handling of selection ranges when Undo-ing certain operations.
- Fixed bug in which Mailsmith was queuing an extra Undo for each call to `bbxtPaste()` through the plug-in interface.
- Failure to reopen property windows at startup no longer bails out in the middle of application initialization; an error is now reported and startup continues.
- Fixed bug in which exporting mail with a mailbox list active and the "(outgoing mail)" item selected would report a -110 error.
- Fixed NeoAccess bug which would cause a crash in certain low-memory situations.
- If Mailsmith runs out of memory while opening the Mailbox List or Mail Browser windows, it will no longer crash when quitting.
- When downloading a partial message, Mailsmith sends a nonzero value for the TOP command. This corrects a problem with mail servers that interpret "TOP 0" as a request for the entire message.
- Fixed bug in the address importer which would cause it to mishandle certain validly formed addresses.
- Auto-completion no longer results in funny capitalization effects.
- Fixed bug in the Eudora address book importer which would cause it to bring the machine down when trying to process certain forms of addresses.
- Fixed memory leak which would occur while iterating through a large spool to figure out where to start downloading new mail.
- When redirecting a message, Mailsmith will now set the envelope return address (used to construct the SMTP "FROM" command) to the return address of the account from which the message is being sent. This solves the problem of spam-blocked SMTP servers refusing to relay the message because of its return address.
- The "Set Subject" filter action will now correctly convert the subject text to ISO-8859-1; this fixes problems that would occur when using diacriticals and such in the subject.
- Mail message display is now correctly updated when enclosures are removed or properties are changed.



- Mailsmith is now less aggressive about putting a quote in front of lines that begin with "From".
- Integrated a fix for a NeoAccess concurrency problem that could cause database corruption or other unpleasant behavior.
- If a selected mailbox had sub-mailboxes, choosing "New Mailbox..." would always result in that mailbox being wung open, even if the dialog had been canceled. Now, the mailbox is only wung open if a new mailbox is actually created inside of it.
- When storing a MIME part whose transfer-encoding was "quoted-printable" or "base64", Mailsmith would decode the data before storing it in the database, but didn't change the part's "encoding" property. This would lead to problems when exporting or retransmitting the part, because Mailsmith would at that time inspect the encoding property, and erroneously determine that the part didn't need to be encoded, which would in turn lead to the export of unencoded 8-bit data (a Bad Thing).

Now, when storing decoded data, Mailsmith will adjust its encoding property to "binary" (for data which was Base64 encoded) or "8bit" (for text which was quoted-printable encoded). Although this loses the original properties of the part, data integrity is maintained.

Note that this change does not affect any messages already stored; if any extant messages have decoded Base64 or quoted-printable data, exporting them will result in unencoded data being emitted.

- Fixed bug in which clicking off a mailbox, then clicking on the same mailbox again would fail to redisplay the messages.
- When an attachment is deleted from a message, Mailsmith will now properly update the "has enclosures" property of the message (so that the paper clip will disappear from message lists when all enclosures are deleted).
- Fixed bug in which certain property changes would not broadcast when applied via the scripting interface.
- Fixed bug which would cause Mailsmith to fail to recognize enclosures which were parts of nested message/rfc822 parts. This would cause the "has enclosures" property to be erroneously false, and would prevent nested enclosures from showing up in the Enclosures tab.
- Integrated fixes for several NeoAccess bugs which may be responsible for database corruption.
- Fixed bug which was causing less-than-optimal performance in the memory allocator.
- Fixed bug which prevented text in nested message/rfc822 parts from being found during a search of the "body" field.

If you are updating from a version of Mailsmith prior to 1.1.2, installing Mailsmith 1.1.6 also includes the following fixes which were originally incorporated into version 1.1.2.

- Fixed bug in which script aliases in the Mailsmith Scripts folder would appear on the Scripts menu, but wouldn't run when chosen.

- if the Trash mailbox is damaged in certain ways, clicking on the menu bar or hitting a menu key equivalent would cause an error to be reported, meaning that you would have to use the Script Editor to quit the application in an orderly fashion. This has been fixed; if the Trash is damaged, the Empty Trash and Empty & Compact Trash commands will be dimmed.
- Fixed bug in which Mailsmith would crash while parsing certain correctly-formed but pathological mail messages.
- Fixed bug in which the "Play Sound" filter action would leak memory (and crash if insufficient memory was available to play the requested sound).
- Fixed bug in which the position of the Mail Filters window was being remembered, but not its size.
- Find Selection now correctly resets the search mode back to "Literal".
- Mailsmith now honors the "Text File Creator" setting in the Filing preferences when creating its log files.
- If a notification script was specified but could not be run (for example, if you checked the "Run Script:" check box in the Notification preferences, or deleted the previously chosen script), Mailsmith will now present an alert with the error. Previously, Mailsmith would keep trying to notify and/or run the script, which tended to consume excessive amounts of cycles.
- Fixed bug which prevented contextual menus in lists from popping up on systems that don't have the Contextual Menu Manager installed.
- Fixed bug which would cause a crash or aberrant behavior that would occur when processing addresses in which the user name was more than 127 characters.
- Mailsmith now properly opens up the "Connection Status" window when you choose "Check for New Mail" from the Mail menu.
- Fixed bug in which RFC2047 decoding of Base64-encoded strings would unpredictably generate junk characters.
- The store task now takes responsibility for remembering the last-downloaded message. This fixes problems in which Mailsmith would sometimes attempt to get the UIDL of a message that had already been deleted, and also resolves the issue of what happens if the store task fails to store the message (because of a database error).
- Fixed bug in the filter database subsystem that tended to cause corruption of the filter database, spurious -335 errors while processing and storing mail, and crashes.
- Fixed bug in the database engine which could potentially cause database corruption in the event of an error.
- When the selection is at one end of a message list, "Trash & Go To Previous/Next" now deletes the message anyway.

If you are updating from a version of Mailsmith prior to 1.1.1, installing Mailsmith 1.1.6 also includes the following fixes which were originally incorporated into version 1.1.1.

- Fixed bug in which aggressive use of Command-Period would cause auto-completion to stop working.
- Fixed handling of headers in messages imported from Unix-format (LF only) text files.
- Fixed handling of enclosures that arrive with unknown encodings.
- Fixed crash when doing a Simple Query (or other action which checked the first selected mailbox) and the "(outgoing mail)" header was the first selected item.
- Mailsmith now obscures the cursor when paging through text views.
- When restoring saved window positions, Mailsmith will place the window where the user left it, even if "Leave Room for Finder" is turned on and the window encroaches on the Finder margins.
- Fixed bug in which Mailsmith would self-immolate when a Deposit filter running in a background thread removed a message from a mailbox.
- The Connection Status window will now indicate when a connection attempt is in progress, rather than just saying "idle" or "connected".
- Mailsmith will no longer re-download all mail when you change the setting of the "Leave Mail on Server" switch.
- Mailsmith now arbitrates internally for the MacTCP DNR. This fixes a problem in which multiple accounts checking simultaneously would in some circumstances cause most of them to just sit there forever.
- Integrated some code to work around resource map changes caused by OneClick, which would cause most commands to become nonfunctional.
- Fixed bug in "Apply Filter" (manually applying a single filter), which would cause a -110 error to be reported when firing a Deposit action.
- Fixed bug in which certain Apple Event-related processing wasn't taking place in system memory; this tended to increase the incidence of out-of-memory (-108) errors reported during large-scale operations (like moving or deleting a bunch of messages at once).
- In the "Check Spelling" dialog, fixed a bug in which both the "Check Spelling" and "Start at Top" check boxes were disabled.
- Forward-Delete now works when used to delete the last character of TE-based fields.
- Fixed bug which could randomly cause imports to do nothing.
- Fixed bug in which Mr. Stay-Puft would show his ugly face when trying to use "Make A Filter..." on a message with no "To" recipients.

- Made a change to thread memory management, to work around a crash which would occur with a sufficiently large number of email accounts.
- When trying to determine the file type for an attachment without any packaging (usually a Base64 attachment sent by EMailer), Mailsmith will now attempt to determine the file's suffix by inspecting the Internet Config suffix mappings. Previously, Mailsmith would use the MIME type mapping, which usually didn't work, since the attachment's MIME type was "application/octet-stream".
- Increased the store task's thread stack size to 128K, so as to better handle deeply-nested multipart messages.
- Fixed bug in which Mr. Stay-Puft would present himself when trying to use the contextual popup menu to file a message into a specific mailbox from within a query results window.
- Fixed bug in which Mailsmith was storing all of the data for a multipart hierarchy with the multipart container itself, as well as with the component sub-parts. This fix should reduce database storage requirements for multipart messages by half, and approximately double the performance of storage and filtering of multipart messages. (To recover the wasted space, rebuild any mailboxes which contain multipart messages.)
- Fixed bug in which the "Hard Wrap" command (with the Option key) held down was erroneously attempting to expand the selection when a selection already existed.
- Fixed crash which would occur when creating a new person from the Apple Event interface without specifying an email address.
- Mailsmith now honors the "x-mac-type" and "x-mac-creator" MIME parameters for enclosures.
- Fixed bug in which sending very large URLs (more than 255 characters) to Mailsmith with the 'GURL' event would cause a crash.
- Fixed bug in which the 'mbox' importer would simply stop when encountering a message which consisted only of headers (and no message body).
- When canceling a Re-Apply Filters on multiple mailboxes, the entire process is canceled, rather than just that one mailbox.
- When reading in an mbox file for import, Mailsmith will remove null characters from it, if it fits into memory. This fixes the problem caused by Eudora generating nulls in its mailbox files (which kills the RFC822 parser).
- Fixed bug which would cause a deadlock if a filter tried to reply, forward, or redirect a message.
- If a Reply, Forward, or Redirect filter action completes successfully, Mailsmith will set the appropriate status bit for the filtered message.
- When changing the "subject" property of a message via the Apple Event interface, the message's line item is now properly updated in message lists.

If you are updating from Mailsmith 1.0.1, Mailsmith 1.1.6 incorporates the following fixes as well.

- Fixed bug which caused unnecessary drawing when adding recipients to a message being composed.
- Fixed bug that would potentially cause drawing of message lists to malfunction when memory is low.
- If the From line of a message is malformed, Mailsmith will use the string "(unknown sender)" when constructing an attribution string for that message. This resolves the problem of a 16400 error being reported when trying to reply to or forward such messages.
- When editing a filter containing a copy or transfer action, if you changed anything other than the destination of the copy/transfer, the destination would be reset to the incoming mail mailbox. This has been corrected.
- Fixed bug that would cause -111 error to be reported when doing database queries via Apple Event whose clauses.
- Fixed bug that would cause a scripting error to be reported when applying a set data event to a list of objects. For example, the scripting command:  
`set seen of (every message whose seen is false) to true`  
would mark every unread message read, but then report a scripting error ("Can't continue").
- When setting the bounds of a window via Apple Events, Mailsmith used to honk at you if you attempted to place the window offscreen. Now, it will place the window in a computed location on screen.
- When exporting messages, Mailsmith will now export the original headers that were received or imported with the message, rather than the synthetic headers generated by Mailsmith when it composes a message from out of the database.
- When scanning the Mailsmith Sounds folder, Mailsmith now ignores the file's creator; any sound file with the proper System 7 sound file type (sfil) will be considered eligible for the sound menu.
- When type-selecting in the address book, the selected item is now properly scrolled into view.
- Fixed bug in which attempting to move a message to the mailbox it was already in (either via drag & drop, contextual menu, or script) would leave the message where it was, but render it un-moveable by any future attempt (a 16400 error would be reported).
- Fixed bug which could potentially cause a hang while reading large data sequences (e.g. attachments) out of the database.
- Fixed bug in which the address book database instance wasn't being released when the application quit.
- After an address book was moved, attempts to create addresses in it (either directly, via import, or via the script interface) would possibly cause a -120 or -35 error to be reported.

- When scrolling the selection range into view after a search, the selected text is now scrolled to the center of the screen (rather than the bottom edge).
- Mailsmith now properly decodes URLs received via the 'GURL' event.
- You can now delete a specific enclosure of a message:  

delete enclosure 1 of <message object specifier>

Previously, Mailsmith would just report a 16403 error.
- Fixed bug which would cause the wrong message's information (subject, attribution, and reply address) to be used when replying to a message selected in a mail list.
- Fixed bug which would cause the insertion point to be left at the end of the last line of quoted text, when in fact it should have been placed on the blank line immediately following the quoted text (when replying or forwarding).
- Fixed bug which would randomly cause a crash when viewing a mail message.
- Fixed crash that would occur when attempting to insert more than 32K into a TE-based field; the text is now truncated.
- TE-based views (i.e. various entry fields in various windows, not message content areas) will now issue an alert if you attempt to paste more than 32K.
- When attempting to drag and drop text a single-line entry field, the drop will be rejected if the text being dragged contains carriage returns or line feeds.
- Fixed bug in which Mailsmith would generate over-length RFC2047 encoded strings (which were then undecodable by any RFC2047-conforming implementation).
- Fixed bug which would sometimes prevent mailboxes from being closed down properly; this could lead to deleted messages reappearing, and possibly other sorts of inconsistency.
- Fixed bug in which manually clearing a log file would cause Mailsmith to refuse to append to it again until it was quit and relaunched.
- The recipient entry field will now accept as much text as you care to paste into it, as opposed to the previous 512-character limit.
- Fixed bug in which filters containing "Approximately Matches" criteria would not be properly reloaded by the UI code. (The original filter was unaffected, but the settings were lost to the UI.)
- Fixed bug which would cause a scripting error to be reported if Mailsmith received the run script command.
- Fixed bug in which accessing messages with uuencoded file attachments would cause a crash to occur at some indeterminate point thereafter.

- Integrated bug fixes to reduce the possibility of database corruption, and to handle corrupt databases more gracefully.
- Fixed bug in which Mailsmith was inconsistent in its insertion of line feeds when exporting messages; this would lead to problems when trying to re-import exported mail.
- Fixed bug which would cause Mailsmith to crash when exporting a multipart message that contained message parts that were not RFC822 messages (for example, message/delivery-status).
- Mailsmith now deals with the situation in which it encounters an empty filter attached to a mailbox. This situation arises when the user creates a new filter, then closes the resulting filter window without making or saving any changes. The filter ends up not having any criteria, and Mailsmith would report a 16100 error when attempting to use the filter. The filtering subsystem now detects this situation, and will skip empty filters.
- Fixed bug which would cause Mailsmith to crash when attempting to display mail messages with malformed MIME name parameters.
- Very long file names are now shortened when displaying them in the Enclosures tab.
- Removed n-squared component in UI code that would cause Mailsmith to take approximately three years to display a mail message containing a very large number of recipients.
- Fixed bug which would cause an error 16404 to be reported when attempting to remove recipients from a mail message via the AppleScript interface.
- Fixed bug which deleting enclosures from the AppleScript interface would cause all enclosures after the deleted one to be inaccessible.
- Mailsmith will now strip linefeeds out of text returned by accessing the header text property of a message.
- Fixed bug in the filtering subsystem which would cause a 16400 error to be logged if a deposit action deposited a message into the mailbox that it was already in. This situation tended to arise when attaching a Deposit action to the incoming mailbox.
- Fixed bug in which dragging an address to a group in the Address Book window would cause the drag to be rejected and a -1700 error to be reported.
- Fixed bug which would cause Mailsmith to incorrectly decode encoded URLs (containing %xx encoded characters).
- When storing outgoing messages into the outgoing mailbox, previous versions of Mailsmith did not convert the sender's name to ISO-8859-1. If the sender's name contained diacriticals, then it would be displayed incorrectly in the message list for the outgoing mailbox in question. Now, Mailsmith will convert the sender name field to ISO-8859-1 when storing the outgoing message. Old messages will still be displayed incorrectly, but messages sent with the new version will be displayed correctly.

- Fixed bug which would cause Mailsmith to report a 16300 error when attempting to query on the originator property of a message via the Apple Event interface. Whose clauses of the form:

every message whose originator contains "barebones.com"

should now work correctly.

- Fixed bug which would cause opening a mailbox via the mailbox list would take roughly twice as long as browsing it in the mail browser.
- Fixed bug which could potentially be responsible for causing crashes and other peculiar database behavior when downloading and filtering mail in some circumstances.
- Mailsmith will now properly reset its internal status, so the Connection Status window will display "Logging In..." when connecting to a POP server, rather than spurious status information left over from a previous session.
- Fixed bug which would occasionally cause a 16001 error to be reported when connecting to a server.
- Fixed bug in which the mailbox search popup would disappear from the Advanced Query window if the Import Mail, Make a Filter, or Quick Search dialogs were brought up while the Advanced Query window was open.
- When replying to selected messages in a list, Mailsmith now gets the text from the message itself, rather than from the display area. This fixes problems in which Mailsmith would sometimes generate the right attribution line, but the wrong quoted text.
- The message view will no longer reload unless the message has actually changed; this fixes the reported problem in which the displayed message would snap to the top when as new mail arrived.
- Fixed bug which prevented Mailsmith from correctly displaying the size of AppleDouble-encoded attachments.
- Fixed bug which would cause database changes to sometimes not stick when quitting and relaunching Mailsmith. The usual manifestation was of read messages being marked unread again.
- Fixed bug which would cause Mailsmith to crash when closing a mail list window (or switching mailboxes, if in the mail browser) after deleting messages from the mail list in some circumstances.
- Fixed crash that would occur sometimes when opening up the Mail Browser or Mailbox List windows while mail storage or filtering is in progress.
- Fixed bug in which messages imported to mailboxes other than the incoming mail mailbox would not be properly filtered if Filter Imported Mail had been switched on.
- The Create Within checkbox is now disabled if there are no mailboxes from which to choose.
- The Clear and Paste menu commands now mark a filter dirty when applied to an edit field in one of its criteria.



- When switching operators or conditions of a criteria with an edit field, the text in the field is now selected.
- Fixed problem that prevented property changes made via script from being broadcast to the rest of the UI.
- The minimum height of the Address Book window is now such that the scrollbar is visible.
- Fixed bug which would cause the selection range to creep when doing Option-Shift-Left-Arrow after Shift-Right-Arrow.
- When doing Shift-Option-Down-Arrow to select the next page of text, Mailsmith will now bring the end of the selection into view.
- Removed bottleneck from Backspace undo code, which should improve the speed of backspacing (particularly noticeable on slow machines).
- Fixed bug in the spell checker which would cause a character to be left off each suggestion after the first one.
- Command-Right-Arrow and Command-Shift-Right-Arrow now behave correctly when operating on soft-wrapped lines.
- Mailsmith now tricks Standard File into not complaining if you're using the multiple-Get-File dialog (Open Several or Add Enclosures) and you click the Done button while a locked file is selected.
- If an out-of-range index is encountered, the database subsystem will now report an error, rather than attempting to modify that index (and ultimately stomping memory). Out-of-range indices are symptomatic of database corruption, so if this error is reported, a Rebuild Mailbox is probably in order.
- Using the Standard File box to add enclosures to a mail message should be about a thousand times faster when viewing a remote volume, and about ten times faster in other circumstances.
- When attempting to create a recipient via AppleScript without any properties, Mailsmith will now report a script error instead of crashing.
- For some unknown reason, the trash mailbox explicitly rejected attempts to drag filters to it. This is no longer the case.
- The Mr. Stay-Puft message has been edited to resolve ambiguity with respect to UK users.
- Mailsmith now uses a slightly different search strategy to reduce the likelihood of confusing an outgoing mailbox's database file with the incoming mailbox file having the same name. Also, newly created outgoing mailboxes have a character added to their names to further reduce the chance of confusion. This all goes to fix a problem in which messages would be transmitted from an incoming mailbox.
- When saving a message as a document, the encoding settings are now properly saved for each attachment.

- Fixed bug in handling of the count event for certain clauses.
- Fixed bug in which non-outgoing messages in outgoing mailboxes would be sent along with un-sent messages when the respective account connected to the SMTP server.
- Fixed bug which would cause Mailsmith to hang if you made a change in an account window, quit without saving changes, and then confirmed the save.
- Fixed bug that would cause "not equal" searches on Boolean fields to behave unpredictably.
- Fixed bug in which Mailsmith would incorrectly form exported multi-part MIME messages, such that the MIME part information was lost.
- The display name property of an address is now properly decoded in accordance with RFC2047 when accessed via the scripting interface.
- When preparing text message bodies for transport, Mailsmith will now fix up any lines of text that begin with "From " to prevent broken mail servers and/or clients from getting confused.
- Fixed bug which would cause "false positive" -335 errors to be reported.
- Fixed bug which would prevent the trash mailbox's database from being properly closed when the program quit.
- Fixed memory leak in some core Apple Event processing code that would cause Mailsmith to run out of memory rapidly while running large-scale scripted operations.
- Fixed bug in which duplicating a mail message would sometimes fail silently, which would result in a fragmentary message being stored in the destination mailbox; if the operation was a move (as opposed to a copy), this resulted in the loss of data (since the original got deleted after the allegedly successful copy). This problem usually manifested with large email messages, sometimes while filtering (but could happen during any movement of messages between mailboxes). Note that the fix won't make this operation succeed where it didn't before; instead, an error code will be reported (and data preserved) rather than silently corrupting messages.
- When generating the selection object specifier for the Address Book window, the list of objects is now generated in forward order, so that items stay alphabetized if you drag them to another location.
- Fixed bug in the download task throttling logic that would allow the store task to get much farther ahead than it should have.
- Fixed bug in the database cache which would cause a -39 to be reported in some circumstances.
- Fixed bug in the BinHex encoder which would cause it to occasionally generate invalid BinHex encodings.
- When multiple messages are selected in a message list, the arrows in the associated mail view are now disabled (as are the navigation menu commands).

Last but not least, if you were previously using Mailsmith 1.0 and never upgraded to Mailsmith 1.0.1, the following fixes from Mailsmith 1.0.1 are also included in Mailsmith 1.1.6.

- When importing Eudora mailboxes, Mailsmith would crash when encountering messages with very long lines in them.
- After deleting a filter without first removing it from the mailbox(es) to which it had been attached, Mailsmith would report a -1756 error when attempting to filter incoming mail, and all subsequent messages in that download session would but be filtered, but instead would remain in the “(incoming mail)” mailbox. In some circumstances, this problem would also manifest as a 16100 error.
- When creating new addresses, or importing addresses with the Address Book window open, Mailsmith would crash during the creation or import process.
- When performing a Redirect operation on a mail message, Mailsmith would erroneously quote the body of the redirected message.
- When switching between mailboxes in the mail browser, Mailsmith will now scroll the list of messages back to the top. (Previous versions would leave the scrolled list in the same position as before switching, which was usually suboptimal.)
- When using the “Delete” key to delete messages from the trash mailbox, Mailsmith would fail to delete the messages. This now works correctly.
- When Mailsmith encounters encoded strings in subjects and addresses, it now properly decodes any spaces that it encounters.
- When Mailsmith transmits eight-bit characters in outgoing email addresses, it now properly encodes the names according to RFC 2047.
- Fixed a bug in which selecting all messages in a multi-mailbox Query Results window and deleting them would result in every message being deleted from the containing mailbox.
- A compatibility problem which manifested when using Mailsmith with OneClick has been fixed. (The problem was not OneClick’s fault, and could also appear when using old versions of the Object Support Library.)
- When starting up, Mailsmith no longer iterates over every message at the top level of the mailbox hierarchy. This should reduce the transient time and memory requirements when starting up.
- When a mailbox is dragged to a new location with the Option key down, Mailsmith used to report an error; version 1.0.1 now simply rejects the drag.
- Mailsmith now handles situations in which the POP server lies about the total size of the requested mail message and supplies more data than it claimed it was going to. The manifestation of this problem was usually a 22204 error.

- Fixed a bug in which Mailsmith would behave strangely or crash when launched by a ‘GURL’ event (as when clicking on a “mailto:” link when Mailsmith was not already running).
- Fixed a bug which would cause Mailsmith to hang during initial configuration (after confirming the “Specify Master Password” dialog) if the path to the Mailsmith Data folder, including the name of the hard disk or any folders in between, contained a “/” (slash) character.
- A change has been made to the PowerPC executable format, which should significantly improve performance when running on Power Macintosh machines with virtual memory turned on.
- When sending mail from a locale in a fractional time zone (such as Adelaide, Australia), Mailsmith will now correctly generate the GMT-relative time zone offset.
- When printing a message, Mailsmith will now correctly use the message’s subject as the print job title in situations where it didn’t before.
- When printing message lists, Mailsmith will now print the column headers at the top of each page.
- Mailsmith will now bring up a notification alert asking you to bring it to the front, before bringing up a modal dialog (such as a connection timeout warning).
- Fixed a bug in which Mailsmith would place windows partially off screen in some circumstances.
- Mailsmith now correctly handles duplicated words in the spelling checker.
- Fixed a bug which would render Mailsmith incapable of transmitting mail through certain SMTP servers.
- Fixed a bug which would cause Mailsmith to hang when creating a new filter and adding it to a mailbox.
- Mailsmith no longer gets confused on Undo state when you type a carriage return immediately after a non-typing operation (such as a text transform).
- When adding a recipient to a mail window via the scripting interface, Mailsmith would sometimes crash; this is no longer the case.
- Although Mailsmith is supposed to transparently handle MIME parts of type “text/enriched” and display them as plain text, a bug prevented this from working correctly in version 1.0.
- Mailsmith would sometimes crash when creating or setting a recipient element of a message window via the Apple Event interface.

- If you have any accounts designated “Connect at Startup”, Mailsmith 1.0 would initiate network connections to those accounts, and then proceed with opening any windows that had been left open the last time you used Mailsmith. If the Mail Browser or Mailbox List window happened to have been left open, Mailsmith would force you to wait until the network connections completed (and all mail downloaded) before proceeding to open those windows; in the intervening time, the application would be unresponsive. This has been corrected in version 1.0.1; Mailsmith will now reopen all windows and complete its startup sequence before initiating any connections for accounts marked “Connect at Startup”.
- Mailsmith can now import Netscape Communicator mailboxes which malformed MIME messages; previously, Mailsmith would report a -50 error during importing, or incorrectly import the message.
- When using the “Mailbox Info” window to add filters to a mailbox, Mailsmith would add the wrong filters in the event that the mailbox already had some filters attached to it.
- When processing a Copy, Deposit, or Transfer action, Mailsmith will commit the message to the destination database immediately, rather than waiting for it to happen by chance. This greatly reduces the likelihood of mail being lost by accident (power failure, machine crash, etc) during the downloading and filtering process.



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