**Wikiprint Book**

**Title: YAM 2.9 (work in progress)**

**Subject: YAM - Yet Another Mailer - YAM2.9**

**Version: 8**

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# YAM 2.9 (work in progress)

## Changes

Here is a brief list of the most important changes since the 2.8p1 release in July 2013:

### Milestone: YAM 2.9 (87 matches)

| Ticket | Release Notes |
|---|---|
| 2 | Improved charset/codeset handling support when using external editors aside of UTF-8 |
| 3 | and a problem where YAM was unable to create properly UTF-8 encoded mails. |
| 14 | Implemented a completely new procedure to deal with timezone and daylight saving times as the old method were unable to identify the daylight saving time for past dates. Now the official timezone databases published by iana.org are used instead. This finally corrects the time display for old mails when DST times changes relative to the current date/time. |
| 17 | and the LISTPRIBEZE and LISTUNPRIBEZE arexx commands to deal correctly with the Quiet settings of other YAM components. |
| 19 | SIP encrypted mails can now be excluded from a search to let it run noticeated without the need to enter a password. |
| 24 | he output of the external archiver command can now be redirected jitionally to a console window while the archiver is running to show the rogress. |
| 30 | he mail preselection list now shows the contents of the To: header line to n users spot unwanted mails easier. |
| 103 | ails dragged out of the spam folder will now be marked as non-spam n ace the "mark on move" option is enabled. |
| 139 | plemented a NOICONS switch for the REQUESTFILE Arexx command hich will open the corresponding file requester but hide and icons (.info es). |
| 150 | plemented a new "Mail Account" column in the main mail list to be able - sort emails based on mail account/hostname a mail was received ou ed users can better order their mails due to the fact that since YAM 2.8 ails are now transferred asynchronously from multiple servers. |
| 151 | he write window now features a small clone of the attachment list on the n1 page. A context menu allows to perform the same actions as for the ignlist on the second page. |
| 157 | plemented an interactive attachment reminder feature as known from hunderbird. If enabled and the user types in certain keywords from a user ifinable list and no attachment has been added to the mail a reminder will e shown to inform the user that an attachment might be desired. |
| 160 | rbose disposing of all images if YAM is running on an 8 bit screen ncluding the WorkbenchS as soon as the image is no longer used. This eals around a bug in picture datatype which seems to keep a pointer to e screen the image was remapped to and accesses it later even if the creen no longer exists. |
| 166 | plemented an 'Archive' folder which move mails to a folder named after e mail's original send date. The archive folders are excluded from nitting old mails automatically to make sure the mails are really archived ot the user explicitly deletes them. |
| 168 | plemented a new functionality to allow to define different 'incoming' and ent' folders per configured mail account (POP/SMTP). This should allow - more easily and directly filter emails not requiring to explicitly define ecial rule filters. |
| 169 | earching user identities by address or ID will now correctly respect the entity's active state and return active identities only. In case a mail rferences an inactive user identity YAM will silently fall back to the nexd ed matching identity. |
| 172 | lved a bug which caused YAM to use the first matching address of a mail s user identity even if this address was the sending endmail of the ceiving one. |
| 173 | and a bug where clearing the quick search bar contents when changing w mails window's layout caused a crash. |
| 180 | and a bug where the MAILINFO Arexx command caused a crash if the ail in question contained no message ID. |
| 181 | plemented a new option to trigger a snapshot action on all alive windows ud to save the layout/state of certain groups and objects. |
| 182 | and a bug so that any edit operation in the quick search bar will now abort - search operation in progress. |
| 183 | and a problem when YAM was run for the very first time after an stallation without any valid .config file. Opening the config window too ddy caused this window to be opened without any graphics from the ifault theme. |
| 185 | and a crash bug by adding a NULL pointer check for a valid main window inter. |
| 186 | and a crash bug when editing a Folder. |
| 188 | hen changing a folder's path the global .folders file will be immediately ved to make the change persistent. |
| 189 | ails from the Trash folder are now excluded from the spam filter. |
| 190 | dd disposal is now protected by a reference counter. This makes it ossible to move a mail to a different folder to concurrent processes while ill accessing the same mail without accessing invalid or already freed emory. This fixes numerous different potential crash problems. |
| 191 | ll SPAM filter related GUI elements will now be properly disabled if the P filter is completely disabled as well. |
| 192 | and a bug where the "Alternative reply phrases" -> "Close" wasn't saved rd loaded correctly. |
| 193 | and a bug where the filter conditions weren't correctly saved when hanging filters or config pages. |
| 194 | and a crash when dealing with NULL mail pointers in mail lists. |
| 195 | and a crash bug by using a new attribute to allow/forbid the usage of typed" vs selectable status instead of accessing the configuration being ified directly as this might not exist. |
| 196 | and a crash bug by setting the status cycle entries when the final address f the instance data is valid. |
| 197 | and a crash bug when using the granular image search functionality on a ewly set address book entry. |
| 198 | and a crash bug when jumping to the next new mail. |
| 199 | and a crash bug when trying to send a mail after it had been autosaved in e drafts folder. |
| 200 | and a crash bug when quitting YAM |
| 201 | and a crash bug when trying to send a mail. |
| 202 | and a problem where rules files were getting corrupted because of an xisting UTF-8 support. |
| 203 | and a problem where first parts of e-mail were(!) forwarded to a well- nwise but saved to disk instead due to not using the right file extension. |
| 204 | and a crash bug caused by freeing the same mail pointer twice. |
| 205 | dded a fresh and updated French translation catalog to YAM. |
| 206 | and a problem where the filter part of the config wasn't save correctly. |
| 207 | and a problem where the recipient string popup wasn't working anymore. |
| 208 | and a bug where an incorrect number of function parameters caused the ddress book not to work correctly. |
| 209 | dded a low memory handler to flush all folder indexes automatically if a ytem is about to run low on memory. |
| 210 | and a problem where mail were not completely moved to another folder. |
| 211 | and a crash bug when starting YAM referring to the QuickSearchBar ndowcaptg. |
| 212 | and a buffer overrun in the RFC 2231 decoding routines which potentially used unexpected crashes. |
| 213 | and a potential problem where YAM was overwriting filter settings. |
| 214 | and a problem with entering new addresses in the address book because f an incorrect memory copy routine use. |
| 215 | and the partly broken support for the Mail-Reply-To:,MRT1 and Mail-Followup-To:,MRT2 headers where YAM was not suggesting the right ply addresses according to the documentation of the MR:Draft1 feature. |
| 216 | and a problem where dragdating operations caused a crash due to a bug /TC/Utilities.mcc. |
| 217 | and a problem where adding/deleting an address book group caused a rash. |
| 218 | ntoured the behavior of previous versions when resolving the names of dress book mailing lists. The new method added in YAM 2.8+ caused ntain problems. |
| 219 | and a minor typo in the german translation. |
| 220 | and a problem where draft mails being edited a second time are now no nger deleted when the user did some changes and closes the write indow to discard the changes. |
| 221 | and a crash bug when in the write window the autosave functionality ctivates while typing. |
| 222 | ncor fix to the debugging environment of YAM. |
| 223 | hen enabling the "select cyrillic code-sets" functionality YAM will now ain the user in case he has setup YAM to use a non-cyrillic code-set for s the local charset. |
| 224 | gnificantly improved performance of parsing emails with large tachments. Now YAM will reuse the size parameter of each MIME part to ieed up memory allocations during MIME parsing. |
| 225 | ntoured the previous behavior of allowing a write window to be closed with - recipient being entered. |
| 227 | and a problem where editing a mail a second time added an additional perfluous white space to the mail body. |
| 228 | and a problem where an autosave in the write window closed that window s well. |
| 229 | and a broken spell checking support in TheBitBox.mcc 15.42. |
| 231 | and a problem where not all checkmarks were correctly ghosted when nsider filter" had been activated. |
| 232 | and a problem where upon editing a drafts mail and aborting the edit ocedure the mail in question was immediately deleted if an autosave ction was executed in the meantime. |
| 5 | plemented proper UTF-8 support for the whole index of a folder. This ows now to switch charsets without having to rescan a folder index. |
| 13 | he position of the quick search bar is now configurable and allows the ser to place the bar below the main mail list. |
| 15 | proved online documentation (http://doc.yam.ch/) regarding the use of ules when specifying filenames/any paths. |
| 16 | ranged the "jumping to the first unread and/or most recent message hen entering a folder" functionality to be configurable on a per folder asis instead of a being a global option only. |
| 31 | he time and date information from the Date: header line will now be onverted to local time if the usual "short" headers are shown. For full eader display it will be shown as it is. |
| 72 | ll trends of links (http(s), ftp, etc) will now be underlined as well. |
| 73 | ly rule of a configured filter can now be removed or an additional one dded in between instead of allowing only to add/delete rules to/from the ottom of the rule list. |
| 140 | riting a mail will now include a list of attachments. Additionally the initial will no longer contain a plain copy of all header lines, but a ripped down version of subject sender, receiver and date. |
| 152 | he main window layout (size+position) and list sorting options will now be utomatically saved upon exiting YAM rather than forcing a user to aptotly "snapshot" that information via the corresponding MUI ctionality. An additional option in the configuration of YAM allow to nable this, thought. |
| 154 | and a problem with not seeing a folder added to the folder list immediately. |
| 155 | dress book entries can now be sorted by clicking on the list titles similar - the maillist of the main window. |
| 32 | he entered search string is now automatically cloned between the ffferent pages. |
| 62 | he single items of the list can now be activated immediately by pressing ey number on the keyboard. "0" will be mapped to the 10th attachment. |
| 71 | riting or archiving a single mail will now behave consistently in every ocation and correctly respect the folder's current sort order. |
| 78 | hen adding new filters YAM will now automatically jump to the bottom of e filter rule list. |
| 144 | n cleanup the main program directory of YAM all folder directories will be utomatically moved to a new subdirectory named "Folders" in the user's ell directory (which defaults to YAM's program directory if not changed a "Ram"-pers or the user configuration). Possibly duplicate directory ames get a unique number appended. To ease folder setup it is not ossible anymore to select any arbitrary path for a folder, but only the ewdory name within the "Folders" directory. |
| 151 | he Get and Send toolbar buttons will now be disabled in case there is no ctive POP3 or SMTP server available. |
| 163 | hen opening a new window YAM will now set the title of a screen to the ame title as well. This improves recognition of the currently active window n the screen titlebar will then automatically refer to YAM and thus make it ossible that a user identifies by looking at the screen title bar which pplication is the currently active one. |
| 164 | and the mailserver mailing of mails which was not done for all columns. f the mail list. |
| 165 | hen checking for new mails YAM will now show "Checking mails from ..." nstead of the "Mail Transfer from ..." which was not entirely correct. |

# Changes sorted by Components

## Component: ARexx interface (3 matches)

| Ticket | Release Notes |
|---|---|
| 634 | fixed the LISTFREEZE and UNLISAFREEZE arexx commands to deal correctly with the Quiet settings of other VIAM components. |
| 1049 | implemented a NOICONS switch for the REQUESTFILE arexx command which will open the corresponding file requester but hide and icons (.info files). |
| 1053 | fixed a bug where the MAILINFO ARexx command caused a crash if the mail in question contained no message ID. |

### Component: MIME handling (6 matches)

| Ticket | Release Notes |
|---|---|
| 1017 | fixed a problem where html parts of a mail weren't forwarded to a web browser but saved to disk instead due to not using the right file extension. |
| 1103 | fixed a buffer overrun in the RFC 2822-decoding routines which potentially caused unexpected crashes. |
| 1054 | fixed a problem with entering new addresses in the address book because of an incorrect memory copy routine use. |
| 1051 | fixed the partly broken support for the MailRange, Fetch, UIDT and UIDFetch IMAP4 commands. VIAM now correctly recognizes and suggesting the right reply addresses, according to the documentation of the IMPORTANT feature. |
| 1065 | significantly improved performance of parsing emails with large attachments. Now VIAM will reuse the last parameter of each MIME part to speed up memory allocations during MIME parsing. |

### Component: SPAM filter engine (1 match)

| Ticket | Release Notes |
|---|---|
| 1042 | mails from the Trash folder are now excluded from the spam filter. |

### Component: XPK compression (1 match)

| Ticket | Release Notes |
|---|---|
| 101 | The output of the external archiver command can now be redirected optionally to a console window while the archiver is running to show the progress. |

### Component: addressbook (3 matches)

| Ticket | Release Notes |
|---|---|
| 1043 | fixed a crash bug when using the granular image-search functionality on a never set address book entry. |
| 1057 | fixed a problem where adding/deleting an address book group caused a crash. |
| 1058 | restored the behavior of previous versions when resolving the names of address book mailing lists. The new method added in VIAM 2.9+ caused certain problems. |

### Component: charset handling (4 matches)

| Ticket | Release Notes |
|---|---|
| 48 | implemented proper UTF-8 support for the whole index of a folder. This allows now to switch charsets without having to rescan a folder index. |
| 61 | improved charset/codeset handling support when using external editors aware of UTF-8 |
| 63 | fixed a problem where VIAM was unable to create properly UTF-8-encoded emails. |
| 1052 | when enabling the "detect cyrillic code-sets" functionality VIAM will now warn the user in case he has setup VIAM to use a non-cyrillic code-set for as the local charset. |

### Component: coding/memory (3 matches)

| Ticket | Release Notes |
|---|---|
| 1051 | fixed a crash bug when editing a Folder. |
| 1063 | move 7a to the debugging environment of VIAM. |
| 1012 | fixed a problem where editing a mail a second time added an additional superfluous white space to the mail body. |

### Component: configuration (6 matches)

| Ticket | Release Notes |
|---|---|
| 439 | when adding new filters VIAM will now automatically jump to the bottom of the filter rule list. |
| 576 | any rule of a configured filter can now be removed or an additional one added in between instead of allowing only to add/delete rules to/from the bottom of the rule list. |
| 1042 | fixed a bug where the "Alternative reply pfrasers" -> "Clone" wasn't saved and loaded correctly. |
| 1043 | fixed a bug where the filter conditions weren't correctly saved when changing filters or config pages. |
| 1051 | fixed a problem where the filter part of the config wasn't save correctly. |
| 1053 | fixed a potential problem where VIAM was overwriting filter settings. |

### Component: documentation (1 match)

| Ticket | Release Notes |
|---|---|
| 101 | improved online documentation ("http://viam.sourc.net) regarding the use of quotes when specifying filenames/arexx paths. |

### Component: foreign component (2 matches)

| Ticket | Release Notes |
|---|---|
| 1051 | fixed a problem where dragdrop operations caused a crash due to a bug in NListview.mcc. |
| 1052 | fixed a broken rpath directing support in TextEditor.mcc 15.42. |

### Component: mail filtering (4 matches)

| Ticket | Release Notes |
|---|---|
| 101 | The mail penetration list now shows the contents of the To: header line to be sure spot unwanted mails more. |
| 1046 | implemented an 'Archive' folder which move mails to a folder named after the mail's original send date. The archive folders are excluded from spam filtering and indexing. The filter ensure sure the mails are really archived until the user explicitly deletes them. |
| 1052 | Fixed a bug which caused VIAM to use the first matching address of a mail as user identity even if the address was the sending instead of the receiving one. |
| 1060 | fixed a problem where mail were not completely moved to another folder. |

### Component: mail indexing (8 matches)

| Ticket | Release Notes |
|---|---|
| 1011 | Detecting user identities by address or ID will now correctly respect the identity's active state and return active identities only. In case a mail references an inactive user identity VIAM will silently fall back to the next best matching identity. |
| 1032 | when changing a folder's path the global .folders file will be immediately saved to make the change persistent. |
| 1033 | added a low memory handler to flush all folder indexes automatically if a system is about to run low on memory. |
| 1060 | fixed a problem where draft mails being edited a second time are now no longer deleted when the user did some changes and closes the write windows to discard the changes. |

### Component: translation (2 matches)

| Ticket | Release Notes |
|---|---|
| 1035 | added a fresh and updated French translation/catalog to VIAM. |
| 1055 | fixed a minor typo in the german translation. |

### Component: undefined (12 matches)

| Ticket | Release Notes |
|---|---|
| 101 | POP encrypted mails can now be excluded from a search to let in non-crypted/ed without the need to enter a password. |
| 1003 | Mails dragged out of the spam folder will now be marked as non-spam in case the "mark as ham" option is enabled. |
| 1006 | implemented a new "Mail Account" column in the main mail list to be able to sort emails based on mail accounts/mailboxes: a mail was received so that users can better order them mails due to the fact that since VIAM 2.0 mails are now transferred asynchronously from multiple servers. |
| 1012 | fixed a bug so that any edit operation in the quick search bar will now abort a search operation in progress. |
| 1032 | mail disposal is now protected by a reference counter. This makes it possible to move a mail to a different folder in concurrent processes while still accessing the same mail without accessing invalid or already freed memory. This fixes numerous different potential crash problems. |
| 1033 | fixed a crash when dealing with NULL mail pointers in mail lists. |
| 1035 | fixed a crash bug by using a new attribute to differ/hold the usage of "Spam" as selectable status instead of accessing the configuration being edited directly as this might not exist. |
| 1042 | fixed a crash bug when jumping to the next/ new mail. |
| 1043 | fixed a crash bug when quitting VIAM |
| 1044 | fixed a crash bug when trying to send a mail. |
| 1046 | fixed a problem where index files were getting corrupted because of an incorrect UTF-8 support. |
| 1050 | fixed a crash bug caused by freeing the same mail pointer twice. |

### Component: user interface (36 matches)

| Ticket | Release Notes |
|---|---|
| 101 | implemented a completely new procedure to deal with timezone and daylight saving times: on the old method were unable to identify the daylight saving time for past dates. Now the official timezone databases published by iana.org are used instead. This finally corrects the time display for old mails when DST times changes relative to the current date/time. |
| 108 | The position of the quick search bar is now configurable and allows the user to place the bar below the main mail list. |
| 185 | changed the "jumping to the first unread and/or most recent message when entering a folder" functionality to be configurable on a per folder basis instead of a being a global option only. |
| 421 | The time and date information from the Date: header line will now be converted to local time if the usual "Unix" headers are chosen. Pre full header display it will be shown as it is. |
| 438 | The external search string is now automatically cleared between the different pages. |
| 480 | The single items of the list can now be activated immediately by pressing their number on the keyboard. "0" will be mapped to the 10th attachment. |
| 525 | All kinds of lists (folder, filter, etc) will now be underlined as well. |
| 541 | deleting or archiving a single mail will now behave consistently in every situation and correctly respect the folder's current sort order. |
| 1000 | Printing a mail will now include a list of attachments. Additionally the printout will no longer contain a plain copy of all header lines, but a stripped down version of subject sender, receiver and date. |
| 1004 | To cleanup the main program directory of VIAM all folder directories will be automatically moved to a new subdirectory named "Folders" in the user's mail directory (which defaults to VIAM's program directory if not changed via Tool Types or the user configuration). Periodic duplicate directory names get a unique number appended. To ease folder setup it is not possible anymore to select any arbitrary path for a folder, but only the directory name within the "Folders" directory. |
| 1011 | The Del and Send button/ button will now be disabled in case there is no active POP3 or SMTP server available. |
| 1013 | The main window layout (user-position) and list sorting options will now be automatically saved upon exiting. VIAM rather then forcing a user to explicitly "save layout" now initializes the corresponding GUI functionality. An additional option in the configuration of VIAM allow to disable this, though. |
| 1015 | fixed a problem with not seeing a folder added to the folder list immediately. |
| 1016 | address book entries can now be sorted by clicking on the list titles similar to the mail list of the main window. |
| 1018 | The write window now features a small clone of the attachment list on the first page. A context menu allows to perform the same actions as for the big list on the second page. |
| 1021 | implemented an extension of the mime viewer feature to preserve the mime-type of a mime part. Now the mime-type is stored in the mail so a user defaults to read an attachment has been added to the mail a remember and be shown to inform the user that an attachment might be desired. |
| 1030 | Enforce dragscrolling of all images if VIAM is running on an 8 bit screen (including the Workbench) as soon as the image is no longer axed. This works around a bug in picture datatype which seems to keep a pointer to the screen the image was remapped to and accesses it later even if the screen no longer exists. |
| 1031 | implemented a new functionality to allow to define different 'incoming' and 'sent' folders per configured mail account (POP3/SMTP). This should allow in more easily and silently filter emails not requiring to explicitly define separate filters. |
| 1032 | fixed a bug where clearing the quick search bar contents when changing the main window's layout caused a crash. |
| 1033 | implemented a new option to trigger a snapshot action on all/ver windows and to save the layout/state of certain groups and objects. |
| 1034 | fixed a problem where VIAM was sure for the very first time after an installation without any valid .config file. Opening the config window too early caused this window to be opened without any graphics from the default frames. |
| 1036 | when opening a new window VIAM will now set the title of a screen to the current active window. Previously the screen title was always set to VIAM and as the screen titlebar will then automatically refer to VIAM and thus make it possible that a user identifies by looking at the screens title bar which application is the currently active one. |
| 1042 | fixed a crash bug by adding a NULL pointer check for a valid/create window pointer. |
| 1043 | All SPAM filter related GUI elements will now be properly disabled if the SPAM filter is completely disabled as well. |
| 1045 | fixed a crash bug by setting the status cycle entries when the final address of the initiator date is valid. |
| 1051 | fixed a crash bug when trying to send a mail after it had been autosaved in the drafts folder. |
| 1052 | fixed a problem where the cropped string popup wasn't working anymore. |
| 1053 | fixed a bug where an incorrect number of function parameters caused the address book not to work correctly. |
| 1055 | fixed a crash bug when starting VIAM referring to the QuickSearchBar functionality. |
| 1061 | fixed a crash bug when in the write window the autosave functionality activates while typing. |
| 1062 | restored the previous behavior of allowing a write window to be closed with no recipient being entered. |
| 1063 | fixed the mail/unread marking of mails which was not done for all columns of the mail list. |
| 1072 | fixed a problem where an autosave in the write window closed that window as well. |
| 1075 | when checking for new mails VIAM will now show "Checking mails from..." rather than "Mail Transfer from..." which was not entirely correct. |
| 1081 | fixed a problem where not all checkmarks were correctly grouped when "remote filter" had been activated. |
| 1082 | fixed a problem where upon editing a drafts mail and aborting the edit operation the mail in question was immediately deleted if an autosave action was executed in the meantime. |

For more information on all implemented changes in YAM 2.9 please see the detailed ChangeLog file as well as the YAM 2.9 information page.