# YAM 2.9 (XX December 2013)

After 6 months of development YAM 2.9 has been released in December 2013. It is a major release focusing on important enhancement to ensure that in a future version of YAM IMAP-Support can be implemented. In addition, it also contain important fixes for bugs identifying in the 2.8 version line.

## 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 |
|---|---|
| #7 | improved charset/codeset handling support when using external editors aware of UTF-8 |
| #9 | fixed a problem where YAM was unable to create properly UTF-8 encoded emails. |
| #10 | 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. |
| #12 | fixed the LISTFREEZE and LISTUNFREEZE arexx commands to deal correctly with the Quiet settings of other YAM components. |
| #35 | PGP encrypted mails can now be excluded from a search to let in run unattended without the need to enter a password. |
| #55 | 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. |
| #84 | The mail preselection list now shows the contents of the To: header line to let users spot unwanted mails easier. |
| #103 | Mails dragged out of the spam folder will now be marked as non-spam in case the "mark on move" option is enabled. |
| #108 | implemented a NOICONS switch for the REQUESTFILE Arexx command which will open the corresponding file requester but hide and icons (#?.info files). |
| #230 | implemented a new "Mail Account" column in the main mail list to be able to sort emails based on mail account/hostname a mail was received so that users can better order their mails due to the fact that since YAM 2.8 mails are now transferred asynchronously from multiple servers. |
| #311 | 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. |
| #317 | Implemented an interactive attachment reminder feature as known from Thunderbird. If enabled and the user types in certain keywords from a user definable list and no attachment has been added to the mail a reminder will be shown to inform the user that an attachment might be desired. |
| #389 | Enforce disposing of all images if YAM is running on an 8 bit screen (excluding the Workbench) as soon as the image is no longer used. 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. |
| #396 | Implemented an 'Archive' folder which move mails to a folder named after the mail's original send date. The archive folders are excluded from deleting old mails automatically to make sure the mails are really archived until the user explicitly deletes them. |
| #400 | implemented a new functionality to allow to define different 'incoming' and 'sent' folders per configured mail account (POP3/SMTP). This should allow to more easily and directly filter emails not requiring to explicitly define separate filters. |

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| #401 | Searching 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 YAM will silently fall back to the next best matching identity. |
| #402 | Fixed a bug which caused YAM to use the first matching address of a mail as user identity even if this address was the sending instead of the receiving one. |
| #403 | fixed a bug where clearing the quick search bar contents when changing the main window's layout caused a crash. |
| #409 | fixed a bug where the MAILINFO ARexx command caused a crash if the mail in question contained no message ID. |
| #410 | Implemented a new option to trigger a snapshot action on all alive windows and to save the layout/state of certain groups and objects. |
| #412 | fixed a bug so that any edit operation in the quick search bar will now abort a search operation in progress. |
| #413 | fixed a problem when YAM was run 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 theme. |
| #416 | fixed a crash bug by adding a NULL pointer check for a valid main window pointer. |
| #417 | fixed a crash bug when editing a Folder. |
| #418 | when changing a folder's path the global .folders file will be immediately saved to make the change persistent. |
| #419 | mails from the Trash folder are now excluded from the spam filter. |
| #420 | 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. |
| #421 | All SPAM filter related GUI elements will now be properly disabled if the SPAM filter is completely disabled as well. |
| #422 | fixed a bug where the "Alternative reply phrases" -> "Close" wasn't saved and loaded correctly. |
| #423 | fixed a bug where the filter conditions weren't correctly saved when changing filters or config pages. |
| #424 | fixed a crash when dealing with NULL mail pointers in mail lists. |
| #425 | fixed a crash bug by using a new attribute to allow/forbid the usage of "Spam" as selectable status instead of accessing the configuration being edited directly as this might not exist. |
| #426 | fixed a crash bug by setting the status cycle entries when the final address of the instance data is valid. |
| #428 | fixed a crash bug when using the gravatar image search functionality on a never set address book entry. |
| #429 | fixed a crash bug when jumping to the next new mail. |
| #431 | fixed a crash bug when trying to send a mail after it had been autosaved in the drafts folder. |
| #433 | fixed a crash bug when quitting YAM |
| #435 | fixed a crash bug when trying to send a mail. |
| #436 | fixed a problem where index files were getting corrupted because of an incorrect UTF-8 support. |
| #437 | 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. |
| #438 | fixed a crash bug caused by freeing the same mail pointer twice. |
| #439 | added a fresh and updated finnish translation/catalog to YAM. |
| #441 | fixed a problem where the filter part of the config wasn't save correctly. |
| #442 | fixed a problem where the recipient string popup wasn't working anymore. |
| #443 | fixed a bug where an incorrect number of function parameters caused the address book not to work correctly. |
| #444 | added a low memory handler to flush all folder indexes automatically if a system is about to run low on memory. |

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| #445 | fixed a problem where mail were not completely moved to another folder. |
| #446 | fixed a crash bug when starting YAM referring to the QuickSearchBar functionality. |
| #449 | fixed a buffer overrun in the RFC 2014 decoding routines which potentially caused unexpected crashes. |
| #451 | fixed a potential problem where YAM was overwriting filter settings. |
| #453 | fixed a problem with entering new addresses in the address book because of an incorrect memory copy routine use. |
| #454 | fixed the partly broken support for the Mail-Reply-To (MRT) and Mail-Followup-To (MFT) headers where YAM was not suggesting the right reply addresses according to the documentation of the MRT/MFT feature. |
| #455 | fixed a problem where drag&drop operations caused a crash due to a bug in NListview.mcc. |
| #457 | fixed a problem where adding/deleting an address book group caused a crash. |
| #458 | restored the behavior of previous versions when resolving the names of address book mailing lists. The new method added in YAM 2.8+ caused certain problems. |
| #459 | fixed a minor typo in the german translation. |
| #460 | 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 window to discard the changes. |
| #461 | fixed a crash bug when in the write window the autosave functionality activates while typing. |
| #462 | minor fix to the debugging environment of YAM. |
| #463 | when enabling the "detect cyrillic code sets" functionality YAM will now warn the user in case he has setup YAM to use a non-cyrillic code set for as the local charset. |
| #466 | significantly improved performance of parsing emails with large attachments. Now YAM will reuse the size parameter of each MIME part to speed up memory allocations during MIME parsing. |
| #469 | restored the previous behavior of allowing a write window to be closed with no recipient being entered. |
| #472 | fixed a problem where editing a mail a second time added an additional superfluous white space to the mail body. |
| #474 | fixed a problem where an autosave in the write window closed that window as well. |
| #476 | fixed a broken spell checking support in TextEditor.mcc 15.42. |
| #481 | fixed a problem where not all checkmarks were correctly ghosted when "remote filter" had been activated. |
| #482 | 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. |
| #6 | 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. |
| #18 | The position of the quick search bar is now configurable and allows the user to place the bar below the main mail list. |
| #20 | improved online documentation (http://doc.yam.ch/) regarding the use of quotes when specifying file/directory paths. |
| #40 | 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. |
| #45 | The time and date information from the Date: header line will now be converted to local time if the usual "short" headers are shown. For full header display it will be shown as it is. |
| #72 | All kinds of links (http(s), ftp, etc) will now be underlined as well. |
| #79 | 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. |
| #100 | 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. |
| #284 | The main window layout (size+position) and list sorting options will now be automatically saved upon exiting YAM rather than forcing a user to explicitly 'snapshot' that information via the corresponding MUI |

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| | functionality. An additional option in the configuration of YAM allow to disable this, thought. |
| #291 | fixed a problem with not seeing a folder added to the folder list immediately. |
| #298 | address book entries can now be sorted by clicking on the list titles similar to the mail list of the main window. |
| #48 | The entered search string is now automatically cloned between the different pages. |
| #62 | 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. |
| #76 | deleting or archiving a single mail will now behave consistently in every situation and correctly respect the folder's current sort order. |
| #78 | when adding new filters YAM will now automatically jump to the bottom of the filter rule list. |
| #222 | To cleanup the main program directory of YAM all folder directories will be automatically moved to a new subdirectory named "Folders" in the user's mail directory (which defaults to YAM's program directory if not changed via ToolTypes or the user configuration). Possibly 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. |
| #261 | The Get and Send toolbar buttons will now be disabled in case there is no active POP3 or SMTP server available. |
| #414 | when opening a new window YAM will now set the title of a screen to the same title as well. This improves recognition of the currently active window as the screen titlebar will then automatically refer to YAM and thus make it possible that a user identifies by looking at the screen title bar which application is the currently active one. |
| #471 | fixed the read/unread marking of mails which was not done for all columns of the mail list. |
| #478 | when checking for new mails YAM will now show "Checking mails from ..." rather than "Mail Transfer from ..." which was not entirely correct. |

# Changes sorted by Components

# Component: ARexx interface (3 matches)

| Ticket | Release Notes |
|---|---|
| #12 | fixed the LISTFREEZE and LISTUNFREEZE arexx commands to deal correctly with the Quiet settings of other YAM components. |
| #108 | implemented a NOICONS switch for the REQUESTFILE Arexx command which will open the corresponding file requester but hide and icons (#?.info files). |
| #409 | fixed a bug where the MAILINFO ARexx command caused a crash if the mail in question contained no message ID. |

# Component: MIME handling (5 matches)

| Ticket | Release Notes |
|---|---|
| #437 | 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. |
| #449 | fixed a buffer overrun in the RFC 2014 decoding routines which potentially caused unexpected crashes. |
| #453 | fixed a problem with entering new addresses in the address book because of an incorrect memory copy routine use. |
| #454 | fixed the partly broken support for the Mail-Reply-To (MRT) and Mail-Followup-To (MFT) headers where YAM was not suggesting the right reply addresses according to the documentation of the MRT/MFT feature. |
| #466 | |

significantly improved performance of parsing emails with large attachments. Now YAM will reuse the size parameter of each MIME part to speed up memory allocations during MIME parsing.

## Component: SPAM filter engine (1 match)

| Ticket | Release Notes |
|---|---|
| #419 | mails from the Trash folder are now excluded from the spam filter. |

## Component: XPK compression (1 match)

| Ticket | Release Notes |
|---|---|
| #55 | 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 |
|---|---|
| #428 | fixed a crash bug when using the gravatar image search functionality on a never set address book entry. |
| #457 | fixed a problem where adding/deleting an address book group caused a crash. |
| #458 | restored the behavior of previous versions when resolving the names of address book mailing lists. The new method added in YAM 2.8+ caused certain problems. |

## Component: charset handling (4 matches)

| Ticket | Release Notes |
|---|---|
| #6 | 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. |
| #7 | improved charset/codeset handling support when using external editors aware of UTF-8 |
| #9 | fixed a problem where YAM was unable to create properly UTF-8 encoded emails. |
| #463 | when enabling the "detect cyrillic code sets" functionality YAM will now warn the user in case he has setup YAM to use a non-cyrillic code set for as the local charset. |

## Component: coding/memory (3 matches)

| Ticket | Release Notes |
|---|---|
| #417 | fixed a crash bug when editing a Folder. |
| #462 | minor fix to the debugging environment of YAM. |
| #472 | 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 |
|---|---|
| #78 | when adding new filters YAM will now automatically jump to the bottom of the filter rule list. |
| #79 | 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. |
| #422 | fixed a bug where the "Alternative reply phrases" -> "Close" wasn't saved and loaded correctly. |
| #423 | fixed a bug where the filter conditions weren't correctly saved when changing filters or config pages. |
| #441 | fixed a problem where the filter part of the config wasn't save correctly. |
| #451 | fixed a potential problem where YAM was overwriting filter settings. |

## Component: documentation (1 match)

| Ticket | Release Notes |
|---|---|
| #20 | improved online documentation (http://doc.yam.ch/) regarding the use of quotes when specifying file/directory paths. |

## Component: foreign component (2 matches)

| Ticket | Release Notes |
|---|---|
| #455 | fixed a problem where drag&drop operations caused a crash due to a bug in NListview.mcc. |
| #476 | fixed a broken spell checking support in TextEditor.mcc 15.42. |

## Component: mail filtering (4 matches)

| Ticket | Release Notes |
|---|---|
| #84 | The mail preselection list now shows the contents of the To: header line to let users spot unwanted mails easier. |
| #396 | Implemented an 'Archive' folder which move mails to a folder named after the mail's original send date. The archive folders are excluded from deleting old mails automatically to make sure the mails are really archived until the user explicitly deletes them. |
| #402 | Fixed a bug which caused YAM to use the first matching address of a mail as user identity even if this address was the sending instead of the receiving one. |
| #445 | fixed a problem where mail were not completely moved to another folder. |

## Component: mail indexing (4 matches)

| Ticket | Release Notes |
|---|---|
| #401 | Searching 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 YAM will silently fall back to the next best matching identity. |
| #418 | when changing a folder's path the global .folders file will be immediately saved to make the change persistent. |
| #444 | added a low memory handler to flush all folder indexes automatically if a system is about to run low on memory. |
| #460 | 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 window to discard the changes. |

## Component: translation (2 matches)

| Ticket | Release Notes |
|---|---|
| #439 | added a fresh and updated finnish translation/catalog to YAM. |
| #459 | fixed a minor typo in the german translation. |

## Component: undefined (12 matches)

| Ticket | Release Notes |
|---|---|
| #35 | PGP encrypted mails can now be excluded from a search to let in run unattended without the need to enter a password. |
| #103 | Mails dragged out of the spam folder will now be marked as non-spam in case the "mark on move" option is enabled. |
| #230 | implemented a new "Mail Account" column in the main mail list to be able to sort emails based on mail account/hostname a mail was received so that users can better order their mails due to the fact that since YAM 2.8 mails are now transferred asynchronously from multiple servers. |
| #412 | fixed a bug so that any edit operation in the quick search bar will now abort a search operation in progress. |
| #420 | 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. |
| #424 | fixed a crash when dealing with NULL mail pointers in mail lists. |
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| | fixed a crash bug by using a new attribute to allow/forbid the usage of "Spam" as selectable status instead of accessing the configuration being edited directly as this might not exist. |
| #429 | fixed a crash bug when jumping to the next new mail. |
| #433 | fixed a crash bug when quitting YAM |
| #435 | fixed a crash bug when trying to send a mail. |
| #436 | fixed a problem where index files were getting corrupted because of an incorrect UTF-8 support. |
| #438 | fixed a crash bug caused by freeing the same mail pointer twice. |

# Component: user interface (36 matches)

| Ticket | Release Notes |
|---|---|
| #10 | 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. |
| #18 | The position of the quick search bar is now configurable and allows the user to place the bar below the main mail list. |
| #40 | 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. |
| #45 | The time and date information from the Date: header line will now be converted to local time if the usual "short" headers are shown. For full header display it will be shown as it is. |
| #48 | The entered search string is now automatically cloned between the different pages. |
| #62 | 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. |
| #72 | All kinds of links (http(s), ftp, etc) will now be underlined as well. |
| #76 | deleting or archiving a single mail will now behave consistently in every situation and correctly respect the folder's current sort order. |
| #100 | 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. |
| #222 | To cleanup the main program directory of YAM all folder directories will be automatically moved to a new subdirectory named "Folders" in the user's mail directory (which defaults to YAM's program directory if not changed via ToolTypes or the user configuration). Possibly 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. |
| #261 | The Get and Send toolbar buttons will now be disabled in case there is no active POP3 or SMTP server available. |
| #284 | The main window layout (size+position) and list sorting options will now be automatically saved upon exiting YAM rather than forcing a user to explicitly 'snapshot' that information via the corresponding MUI functionality. An additional option in the configuration of YAM allow to disable this, thought. |
| #291 | fixed a problem with not seeing a folder added to the folder list immediately. |
| #298 | address book entries can now be sorted by clicking on the list titles similar to the mail list of the main window. |
| #311 | 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. |
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| #389 | Enforce disposing of all images if YAM is running on an 8 bit screen (excluding the Workbench) as soon as the image is no longer used. This works around a bug in picture.datatype which seems to keep a pointer |

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| | to the screen the image was remapped to and accesses it later even if the screen no longer exists. |
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| #414 | when opening a new window YAM will now set the title of a screen to the same title as well. This improves recognition of the currently active window as the screen titlebar will then automatically refer to YAM and thus make it possible that a user identifies by looking at the screen title bar which application is the currently active one. |
| #416 | fixed a crash bug by adding a NULL pointer check for a valid main window pointer. |
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| #426 | fixed a crash bug by setting the status cycle entries when the final address of the instance data is valid. |
| #431 | fixed a crash bug when trying to send a mail after it had been autosaved in the drafts folder. |
| #442 | fixed a problem where the recipient string popup wasn't working anymore. |
| #443 | fixed a bug where an incorrect number of function parameters caused the address book not to work correctly. |
| #446 | fixed a crash bug when starting YAM referring to the QuickSearchBar functionality. |
| #461 | fixed a crash bug when in the write window the autosave functionality activates while typing. |
| #469 | restored the previous behavior of allowing a write window to be closed with no recipient being entered. |
| #471 | fixed the read/unread marking of mails which was not done for all columns of the mail list. |
| #474 | fixed a problem where an autosave in the write window closed that window as well. |
| #478 | when checking for new mails YAM will now show "Checking mails from ..." rather than "Mail Transfer from ..." which was not entirely correct. |
| #481 | fixed a problem where not all checkmarks were correctly ghosted when "remote filter" had been activated. |
| #482 | 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.