YAM 2.5 (released 23rd December 2007)

After five years of development YAM 2.5 has been released in December 2007.

Changes

- lots (>800) of bug fixes and large general stability improvements (e.g. using buffer overflow safe string functions).
- ported YAM to AmigaOS4 as a fully PowerPC (PPC) native optimized version.
- generally improved the compliance to accepted internet RFC (Request for Comments) standards (e.g. RFC 2822, RFC 2047, RFC 2045, etc.).
- new optional embedded read pane for reading emails directly in the main window instead of having to open separate read windows.
- new optional search bar for quickly searching for emails or sorting e-mails by categories directly in the main window.
- improved GUI feedback during mail transfers (e.g. for solving the [Abort] button issues when transferring mails).
- new automatic conversion of readable HTML mail parts to plain text via an intelligent flex scanner engine.
- completely reworked charset (codeset) handling which now uses codesets.library instead (e.g. for full support of UTF-8 mails)
- added support for AmiSSL v3 library (SSL/TLS encryption).
- YAM now supports full SMTP SSLv3 compatibility and the authentication method used by SMTP AUTH is now user definable to work around servers that claim to support methods they can't actually handle.
- removed the max. 100 filter limit; also, filters are no longer limited to 2 rules each.
- all functions that will cause the info bar to show a progress gauge will allow to abort the operation via a new "X" button now (e.g. cancel a filtering operation).
- added general support for AmiDock (AmigaOS4 only).
- forwarding an email is now possible either by inlining the mail text (old way) or now per default by attaching the forwarded mail.
- an unlimited number of read windows can now be opened in case the "multiple windows" option is enabled.
- completely reworked TCP/IP backend which generally works with non-blocking I/O for increased performance and reliability.
- integrated SPAM filter engine (bayesian based; ported from Thunderbird) which will adapt itself over the time (AKA: learning SPAM filter).
- new themes management which allows users to create own public themes to easily provide YAM a completely new image set in a standardised way.
- new automatic online update functionality to inform the user in case new updates for YAM are available.
- attachments are now listed in a separate auto-sizable group at the bottom of the Read window or embedded read pane, complete with interactive icons (via DefIcons), context menus and some related data. Drag&Drop operations to Workbench also automatically decode the attachment to the dropped location.
- improved context menu support for folder and mail list as well as added context menu support for new embedded read pane to shield all functionality of a normal Read window.
- changed keyboard shortcuts for all menus to be fixed throughout all languages. This allows to switch languages without having to learn hotkeys again.
- improved UIDL support to better avoid duplicate mails when downloading via POP3.
- reworked MIME type management, removing the old internal limit of max. 100 MIME types, rendering binary identification redundant and finally making YAM fully compliant with RFC 2231.
- added support to import/export address book data via standard formats like LDIF, CSV, TSV (comma/tab separated values).
- added support to directly import mails from Outlook Express (DBX).
- added functionality to flag a mail as 'read' after a certain time interval.

- notification sound files are played asynchronously now.
- changed the toolbar implementation to use TheBar.mcc instead which is more user configurable and supports 32bit alpha channel images as well.
- implemented own image caching mechanism with full support for 32bit alpha channel images to be used within YAM (requires an up2date picture.datatype and proper PNG datatype in your system).
- improved autosave functionality for write windows which automatically saves backups of the currently edited message and informs a user during startup in case such a backuped file was found (e.g. due to a crash).
- From: and Reply-To: headers can contain multiple e-mail addresses now.
- updated configuration user interface to be more structured and briefly list what the purpose of a config page is.
- general speed improvements when searching for mails with the normal folder wide search functionality.
- the META data of mail files are not stored in the file comments anymore, but encoded in the filename of mails instead. This shields the advantage that mail files can be stored on file systems not supporting comments now (e.g. NFS). This also makes YAM partly compatible to the 'maildir' standard.
- added support for the proprietary "Status:" and "X-Status:" header values when importing/exporting mails.
- general speed improvements where a too frequent redraw of a gauge gadget caused the application to perform badly.
- improved deletion of temporary files upon quitting YAM. Stale temporary files should be automatically deleted now or the user will be warned accordingly when quitting YAM.
- now handles gracefully "7-bit", "8-bit" and "plain" as Content-Transfer-Encoding to support flawed mailers that keep violating the RFC s.
- very large strings that don't fit in the title bar of the Read window have now trailing dots ("...") appended at the end of the displayable part.
- when changing the subject in a write window the title bar will immediately be adapted to that change.
- the user will be now consulted when an unknown file is found in a mail folder. Useful to e.g. quickly copy a certain e-mail without resorting to importing.
- now checks if the "(a)rchived" bit has been set on both the .index file and on the mail directory and if so it doesn't rebuild the index despite the modified time stamps, assuming the user has simply used a backup program.
- user images in the Read window are now scaled as appropriate and thus no longer need a scroll bar.
- YAM shows a short help information in case it is started with "?" from the command-line.
- for safety, holding the <Del> key down will only delete exactly one email now.
- added support for "multipart/alternative" mails. Just the respective plain text mail text is shown instead of showing both, an existing HTML and plain text part at the same time (This is what the RFC suggests).
- by default, the folder list now uses bold and grey text to mark folders with new and unread email, respectively; in addition, if the columns listing the number of new or unread emails are turned off, this number will be shown between parentheses right after the folder name, but this is all user definable.
- improved URL highlighting in read windows according to RFC 3986.
- when the "Exchange mail" feature is invoked, YAM now first downloads new mail to avoid clashing with servers using the "SMTP-after-POP3" security feature.
- removed the possibility to download user images from the old YAM user gallery as that part of the web page no longer exists and is considered obsolete.
- user selected headers in the "Read" page of the configuration are now printed in the same order the user typed them when the Read window is displaying "short headers".
- by default, the "short headers" string gadget in the Read configuration now also lists the CC: and BCC: headers.
- searches in the address book don't need AmigaDOS wildcards anymore, the input is always considered partial now.
- all mail transfers speeds are now listed as KB/s rather than the old-fashioned characters per second (cps) unit, which is largely what you want in today's DSL times.
- soft style markers (e.g. *bold*) in the text editor are now displayed to make it possible to correctly mark & copy the text from the editor; in addition, support for the old "<sb>" and "<tsb>" markers has been dropped as they aren't standard, though they are still interpreted if they are detected in an e-mail. But you are

suggested to not use them anymore!
- soft styles can now be only applied on a word by word basis and never several at once to a single word. This is more the way today's e-mail clients work and expect text passages to be highlighted.
- no longer switches to the Outgoing folder before sending e-mail.
- double-clicking an e-mail in the Outgoing folder now opens a Write window to edit it immediately.
- dropped the "Return-Receipt-To:" header and made YAM compliant with the general message disposition notification (MDN) framework of RFC 3798.
- now gracefully handles SMTP servers that don't bother replying with a positive status code after getting a QUIT command from the client before actually dropping the connection (GoogleMail), clearly violating RFC 2821.
- removed support for user-definable quotation marks as this causes more trouble than it's worth; now it will always use "> " which is more or less a standard.
- now uses the more common "[Fwd: Subject]" form instead of "Subject (fwd)" to mark forwarded email subjects.
- each mail folder can now have assigned its own intro and close phrases, overriding the defaults set in the configuration.
- all the images are now loaded via system datatypes, and PNG is considered the default image format.
- a double-click in the header list of the Read window will now toggle between short and full header view.
- now sends STATs to the POP3 server within a defined interval of time to prevent the server from dropping the connection while using the preselection window.
- added possibility to set an amount of time PGP will remember the user's passphrase to avoid asking for it again and again.
- new "Text-->Insert as-->UUencoded text" menu item in the Write window to inline a file as UUcode encoded text directly embedded in the mail text. This allows to exchange binaries on mailing lists not allowing real attachments.
- new "Message-->Edit as new" menu item to replicate an existing message.
- lots of other improvement we don't remember right now (keep in mind: almost 5 years of development was put into YAM 2.5!)