



2008

PMMail/2 - Update

Dave Saville

PMMail/2

A product of

VOICE

(Virtual OS/2 International Consumer Education)



Synopsis

- This presentation covers the following aspects of the PMMail/2 project
 - History
 - project status, licensing and price
 - new features
 - bugs fixed
 - PMMSend
 - Spell Checker



History

PMMail/2 has been a favorite email client of many OS/2-eCS users for quite some time. As the product appeared to be falling into a state of "maintenance mode" several members of VOICE began to enquire as to the possibility of purchasing the rights to the source code to renew development.

The result of this was that the members of VOICE voted to purchase the source for development. The members of VOICE decided how their money was to be spent with regard to distribution and pricing .



History 2

Since September, 2006, the PMMail/2 team has been preparing for the release of version 3.0.

Thought we would have a beta in six months
Took 18!

Various beta release and several GA versions

Current GA is 3.02



PMMail Prices

VOICE members voted to make PMMail shareware

The VOICE Board of Directors have set the following prices.

- VOICE members as of December, 2006:
Free
- Other VOICE members: \$25 USD
- Non-VOICE members: Not

Available



PMMail/2 Features

Multiple Account Support

Advanced Filtering

Automatic Attachment En/De-code And Opening

REXX Exits (both program-wide and per account)

Support for European message bodies and headers

Spell Checker

Spam Filtering

New Features and Fixes

- Support the mailing of selected messages from the Outbox
- Add "Always" selection to Simple, and Complex, in filters
- Fix hangs in "message receive exit"
- Fix PGP encoding bug
- GPG support
- CRAM-MD5 supported
- reindex saved files
- Allow to re-index more than one folder at the time
- Add an option to show a message count of ALL messages in a folder
- Add the invoking command line to PMMSEND.ERR file
- Secure connection using stunnel.

New Features and Fixes 2

- Fix Message Icons for priority, status, etc.
- Enable SMTP authorization
- Let window title for New messages reflect subject
- When messages are moved to Trash, mark them as Read
- Make the ENTER key start the search in the find dialogs
- Get rid of 'An attachment with name ... already exists' pop-up dialog
- On MIME association list indicate enabled/disabled on the listing with +/-
- Add ability to save several attachments at once

New Features and Fixes 3

- Compose to
- External editing selection enhanced
- Even more fixes to reduce “The curse of the duplicated code”
- Filters can run pre or post the Mail Classifier
- The temp directory can reside on the local file system when the account directory is remote
 - Major performance boost with attachments
- http://pmmail.os2voice.org/index.php?title=Release_Notes



PMMail/2 Website

- Wiki
 - http://pmmail.os2voice.org/index.php?title=Main_Page
 - User's suggestions – wish list
 - Developer information
- Mantis Bug tracker
- Subversion
- E-mail lists
 - NewPMDev – developer's list
 - NewPMDis – user's list



PMIMSend

- Removed the requirement for the executable to reside with the PMMail.exe - Was a problem with remote mounted accounts.
- Added Unix style command line switches.
- Corrected the code, that already existed, to allow multiple addresses in the To, CC and BCC fields.
- Changed the communication with PMMail to a named pipe instead of shared memory. Doug has *really* hammered the communication between PMIMSend and PMMail with a vicious batch script that sends thousands of messages at a time.



Spell Checker

PMMail has a built-in spelling correction. The following enhancements and fixes have been made.

- Changed the suggested word list in the spell checker to have the suspect word as the first suggestion so that a one letter typo can easily be corrected
- Corrected the spell checker code for the "skip words containing the following" option. It can



Spell Checker 2

- Changed the vowel insertion routine of the spell checker to go the length of the word rather than the first three positions.

Spell Checker Problems

- Uncertainty as to what algorithm is actually used
- We don't have the code to produce new dictionaries
- Hard coded to US English
- Some of it is “Grammar” rather than “Spelling”
- Does not “Learn”
 - Catching common typos is not what the user dictionary is for
- Sometimes gets it *very* wrong

Proposed Spell Checker

- Any Latin, ie single byte, character set
- Dictionaries can be simple ASCII files
 - Problem with code page in use and that of dictionary
- New algorithm
- No “Grammar” - Because of language differences
- Will “learn” common typos
 - Will maintain a list of <typo> <correct> words which will be checked first
- Hopefully better and faster