MWATCH.INI

MWATCH.INI conforms to the standard section/keyword/value format that is found in many other applications such as ***Windows***. The .INI format is exceedingly easy to understand and manipulate and should make the more advance ***MailWatch*** features more easily understandable.

MWATCH.INI is broken into three types of sections, ***[system], [global], and [other profiles].***

[system]

Variables under this section define various system settings needed to tell ***MailWatch*** about your particular network and email system.

MailDir= This variable defines the root mail directory of the email system. For most Novell networks running ***Pegasus Mail*** this is SYS:MAIL, however the volume name "SYS" may change depending upon your installation. If this variable is not defined, **SYS:MAIL** is assumed.

LogFile= Enter the name of the log file you wish to use to maintain a log of the activities ***MailWatch*** performs. If you do not define a log file name, no log will be kept.

LogSize= Log files can build in size forever until your disk is full unless you periodically delete them or set a limit. **LogSize** defines the maximum number of bytes the log file can get before logging is suspended. By default, a size of 1024000 (1 meg) is assumed.

Default= You can define a default profile to use if you do not specify one on the command line by entering a valid profile name in this variable.

Registration= ***MailWatch*** is not a free utility. By registering the product (paying for it) you will receive a passcode that will enable the restricted features of ***MailWatch***. Enter the passcode here to tell ***MailWatch*** that it is now registered. See the section entitled ***REGISTRATION*** for more information.

[global]

Sections other than **[system]** define parameters to use when running ***MailWatch***. ***MailWatch*** will search MWATCH.INI for each variable, first in the given profile section then, if not found, it will look in the **[global]** section for these variables before using defaults or erroring. The following variables are valid profile settings that may or may not be appropriate for the **[global]** section. This is where some logic in the design of MWATCH.INI will be needed.

NewMail= New, unread mail, is stored in separate files in a user's mail directory with the extension .CNM (or at least it is for ***Pegasus Mail*** delivered by ***Charon*** or ***Pegasus***). This variable allows you to define what extension to scan for new mail. Usually this would simply be *.CNM (and, in fact, is the default) but it is provided here in case you find some other use for ***MailWatch*** I cannot conceive of (or perhaps some other email package can use this utility?).

Age= ***MailWatch*** performs functions and reports on *aged* mail. This is mail that is older than a defined number of days (usually unread mail). Enter a number here that defines what is to be considered aged mail. There is usually no reason to place this in the **[global]** section, nor is there a default value. **Age** must be specified explicitly for ***MailWatch*** to function.

Name= You may have ***MailWatch*** perform functions on the entire mail system, or you can have it work on only selected users. Enter the name of the user you wish to scan in this variable. You may

use wildcards if you wish to scan groups of names (such as all users with "J" as a first letter **Name=J***).

ReturnAdd= Aged mail can be forwarded to another user or to the same user on another host or return the message to the sender.. Reasons for doing this are: 1) if a user has old, unread mail, send the mail to the email administrator to sort out why the mail has not been read (notify the user). 2) if the user usually works from a Unix host (or some other foreign host) send the mail there. The user may not have enabled AutoForward. The mail will be rather old when he/she receives it and hopefully he/she will correct the entry in AutoForward to avoid this problem in the future.

To have the mail sent to a different user, enter the full address of the user to send old mail to. If you wish to simply have the mail sent to the same user on another host, enter the mail path w/o the username and the addressee will be added by ***MailWatch.*** Ex.. **ReturnAdd=@novell.com** will send aged mail to the {addressee}@novell.com.

If no value is given for **ReturnAdd** then the aged mail will be returned to sender with the appropriate message in the subject.

OutputName= When generating reports, ***MailWatch*** can send the report to a file. Enter the name of the file you wish to use for your report output. No default is provided.

LineDraw= (Yes/No) Reports can be generated using either the PC linedraw characters or dashes and plusses. Some printers cannot print the linedraw characters. The default is no.

PageLength= Enter the length of a single page of output for reports. By default this is 60 lines.

DeleteAged= (Yes/No) When aged mail is encountered, should it be deleted after processing (i.e., after the report is generated or after it is forwarded). If mail is forwarded and not deleted, then the next time ***MailWatch*** is run a duplicate mail message will be forwarded until the mail is deleted.

ForwardAged= (Yes/No) Should aged, unread mail be forwarded to **ReturnAdd**?

AgedGroup= ***MailWatch*** has the ability to maintain a Novell group of users who have unread, aged mail. By placing usernames in this group, you can give notice to these users that their mail is being ignored and that it may eventually be deleted. This can be easily done in the login script (see Novell documentation). By running consecutive scans, you can provide different messages to users such as "You have mail older than 10 days waiting". "You have mail older than 20 days waiting", "Your unread mail is being deleted" etc.... Provide **AgedGroup** with the name of the group to maintain the names in. This group should already be created. Each time ***MailWatch*** is run, it is cleared of names and updated with only those that have been processed.

ExcludeGroup= You can provide a list of users to exclude from ***MailWatch*** processing by giving the name of an existing Novell group here. Users found in that group will be ignored by ***MailWatch***.

Quiet= (0,1,2) This tells ***MailWatch*** how much status to display when executing. A quiet level of 0 will display everything (*not quiet).* This can result in a rather messy display but it does allow for redirection of output in the event you wish to have information generated by reports *piped* into another application. Quiet level 1 *(sort of quiet)* will generate a series of colored dots that show status. The various colors signify different activities and are only provided to make the display interesting. Quiet level 2 *(tight lipped)* does not display anything at all unless an error is encountered.

RepOrder= This is a rather complex variable. Basically it provides ***MailWatch*** with the information you wish to see on a report. Reports are usually made of columns of information. Some of the information may not be wanted or may need to be in a particular order. Each column of information has an associated letter. Enter in **RepOrder** the column order you wish to see in the reports. This is simply a set of letters that turn on report columns and tell ***MailWatch*** to print them in a particular order. See the ***REPORTS*** section for more information.

[Other Profiles]

Additional should be defined with the above variable to describe various ***MailWatch*** functions. Examples might be sections to simply delete old mail, forward and delete old mail, generate specific reports, or any combination of these. You would run ***MailWatch*** with the name of the profile on the command line to have it use those values when running. If you do not provide a profile name, the one found in **Default=** in the **[system]** section will be used , if available.

Reports:

MailWatch has a rather sophisticated reporting system. It provides information as desired and limits its processing to only those areas required to acquire this information. In this way, ***MailWatch*** processing times may vary depending upon the type and quantity of information requested.

Each report is made up of columns of information. Each column item has a corresponding column letter assigned to it. When generating reports, the columns are displayed in the order provided in the **RepOrder** variable. If a column is excluded from this variable, it will not be displayed at all.

The following is a description of each of the available reporting columns you may include in **RepOrder**.

General		Pmail		Unread		MHS		Folder	
A	Userid	C	Total Email	G	Unread Total	K	MHS Total	O	Folder Total
B	User Name	D	Total Aged	H	Unread Size	L	MHS Size	P	Folder Size
		E	Total Size	I	Unread Aged	M	MHS Aged	Q	Folder Deleted
		F	Total ASize	J	Unread ASize	N	MHS Asize	R	Folder Mail
								S	Folder Aged
								T	*Folder Name

* Requires special consideration (See below).

The **General** columns are general information pertaining to the email user.

Items under **Pmail** depict information regarding specific elements of ***Pegasus Mail*** mail. Totals in this category total both read and unread mail.

The **Unread** category also deals with ***Pegasus Mail*** information. These are statistics about unread mail found.

MHS statistics are not yet available but will be active using these settings eventually.

Folder statistics can be taken if you wish to get that level of information. If you specify that the **folder name** is to be displayed (not usually useful) than another type of report will be generated giving sub totals for the folder information. This can become rather cluttered and is only offered as a service for debugging.

ASize information depicts aged, unread mail sizes.

Example

If **RepOrder=ABCGOE** then the report would be **UserId, UserName, TotalEmail, UnreadTotal, FolderTotal, TotalSize** in that order.

An additional report code of "Z" will dump user settings for *Pegasus Mail*. This should probably be used alone in it's own profile, otherwise a rather cluttered, and unreadable report will be generated.

Example

RepOrder=Z

Disclaimer:

This product is distributed "as-is". Loss or corruption of data or damage to equipment due directly or indirectly to the use of this product is not the responsibility of the author who cannot be made liable. Use this product at your own risk.

Credits:

Pegasus Mail is copyright by David Harris.
Charon is copyright by Brad Clements.
Novell is a trademark of Novell Inc.
Windows is a trademark of Microsoft Inc.

Registration:

MailWatch is not free. It has been developed after a considerable amount of effort and is distributed in the *shareware* fashion. If you decide that ***MailWatch*** is useful for you, please send $39 to:

Jon Glazer
2097 Brittany Road
Columbus, Oh 43229.

Questions and comments can be sent to ***glazer@ohstpy.mps.ohio-state.edu.***

You will receive a passcode that will enable any ***MailWatch*** protected features. This code will be good for any maintenance releases of ***MailWatch*** in the future. A *maintenance* release is a version whose minor number changes (i.e. 2.01, 2.02, 2.10 etc..).

Please complete and send the following form:

Please send me the ***MailWatch*** passcode via:

[ ] U.S. Mail address

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_____

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[ ] Internet (email) , my address is:

_____

[ ] Compuserve (email), my id is:

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