
Mailgate Ltd.

MailGate Mail Manager Extension User Manual



Microsoft is a registered trademark and Windows 95, Windows 98 and Windows NT are trademarks of Microsoft Corporation.

Copyright © 2001 Mailgate Ltd.

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in and for or by any means, electronic, mechanical, photocopying, recording or otherwise without the prior written permission of Mailgate Ltd.

Edited by Lani K. and David D. Thompson.

Contents

MAIL MANAGER INTRODUCTION.....	1
MAIL MANAGER EXTENSION INTRODUCTION	1
What is the Mail Manager	1
INSTALLATION & CONFIGURATION	2
Mail Manager Installation	2
Rules Tab.....	3
Rule Editor Dialog.....	4
Counters Tab	6
Add Counter Dialog	7
Set Counter Dialog	7
About Tab.....	7
Register Dialog.....	8
USING THE MAIL MANAGER	9
Using Rules	9
Using Rule Conditions	10
Using Rule Actions.....	11
No Action Action	12
Reject Action Settings	12
Header/Footer Action Settings	13
Text Addition Dialog.....	13
Delete Action.....	14
Print Action Settings	14
Forward Action Settings.....	15
Archive Action Settings.....	15
Moderate Action Settings.....	16
Log Action Settings.....	17
Create Message Settings	17
Attach File Dialog	18
Execute Action Settings.....	18
Remove Attachment Settings.....	19
Count Action Settings	19
TECHNICAL REFERENCE	20
About Mime Types.....	20
Mail Manager Windows Registry.....	21

Figures

FIGURE 1 - RULES TAB	3
FIGURE 2 - RULE EDITOR DIALOG	4
FIGURE 3 - COUNTERS TAB	6
FIGURE 4 - ADD COUNTER DIALOG	7
FIGURE 5 - SET COUNTER DIALOG	7
FIGURE 6 - REJECT ACTION SETTINGS	12
FIGURE 7 - HEADER/FOOTER ACTION SETTINGS.....	13
FIGURE 8 - TEXT ADDITION DIALOG.....	13
FIGURE 9 - PRINT ACTION SETTINGS	14
FIGURE 10 - FORWARD ACTION SETTINGS.....	15
FIGURE 11 - ARCHIVE ACTION SETTINGS	15
FIGURE 12 - MODERATE ACTION SETTINGS.....	16
FIGURE 13 - LOG ACTION SETTINGS	17
FIGURE 14 - CREATE MESSAGE SETTINGS	17
FIGURE 15 - EXECUTE ACTION SETTINGS	18
FIGURE 16 - REMOVE ATTACHMENT SETTINGS	19

Mail Manager Introduction

Mail Manager Extension Introduction

What is the Mail Manager

The MailGate Mail Manager extension is an optional module that will check all mail passing through MailGate against a set of rule conditions. If a match is found then user defined actions associated with the matching rule are performed on the mail.

The extension is designed to allow the MailGate system administrator to expand the functionality of a MailGate installation by providing the tools to manipulate emails as they pass through the server.

Installation & Configuration

Mail Manager Installation

To install the MailGate Mail Manager extension, either select the module in the MailGate server installer or run the self-extracting executable set-up program. This program, after you have read and confirmed your acceptance of the software licence, will install all the necessary components into your MailGate system folder.

Once the install process has completed you must access the extension and configure it to your requirements. To configure the extension, highlight it in the main MailGate window and select Edit | Edit or double click on the icon. When you have completed and saved your settings, stop and restart the MailGate service to initialise the extension.

Like all MailGate software, the Mail Manager extension may be tried for 30 days after installation. If you wish to continue using the module you must purchase a key and install this using the Register option in the **About Tab** on page 7.

We recommend you read **Using Rules** on page 9 and the associated pages before finalising your configuration. This will assist in ensuring you get the best from the module.



If you have more than one MailGate extension installed in your system you should consider the sequence in which the extensions load. Using the best sequence can reduce system resource requirements by keeping unnecessary processing to a minimum. See the main MailGate help for more details.

Rules Tab

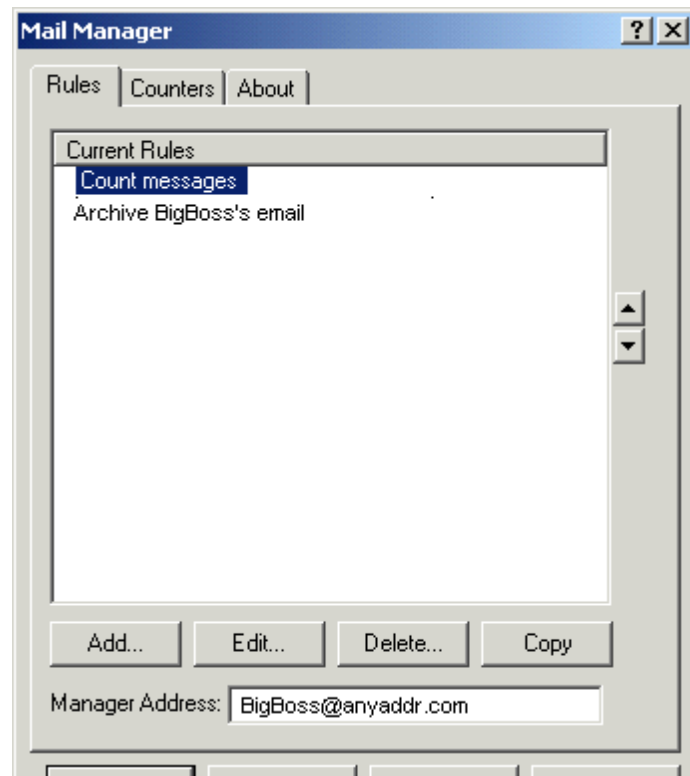


Figure 1 - Rules Tab

The Rules Tab displays a list of the rules you have configured in your system.

When a mail message is passed through the extension it will be checked against each rule's conditions and where a match is made the defined actions will be performed. See **Using Rules** (pg. 9) for more detail on this process.

A red X to the left of the rule name indicates any disabled rules.

In this tab you can: -

► **Add a Rule**

Click on the Add button to access the **Rule Editor Dialog** (pg. 4).

► **Remove a Rule**

Highlight the rule to remove and click the Delete button.

► **Change a Rule's settings**

Highlight the rule to change and click the Edit button or double click on the rule to display the **Rule Editor Dialog** (pg. 4).

You can also change the order of your rules using the Up and Down arrow buttons to the right of the rule list. Highlight the rule to move and adjust its position in the list using the appropriate arrow button.

Manager Address

Some of the rule actions make use of the Manager Address. Enter an Email address to identify the Mail Manager extension here. This address is used when communicating directly with the Mail Manager module. These messages include those for moderation purposes where the Manager address is used as the From: address and moderation replies should be sent to this address.

Note: - Do not use an address that is used for other purposes.

Rule Editor Dialog

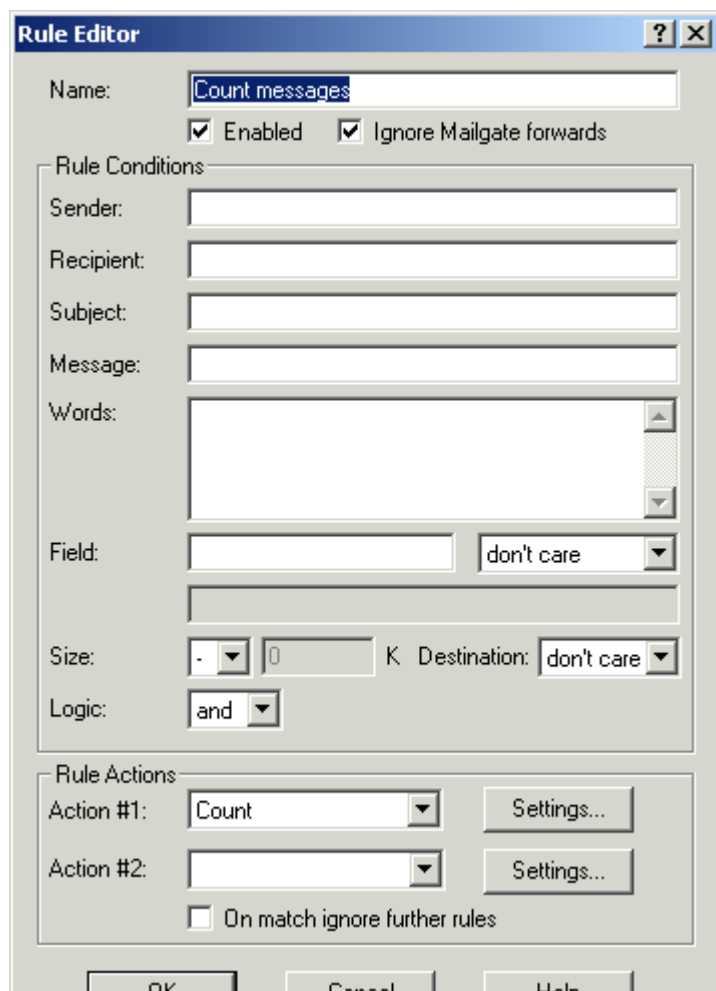


Figure 2 - Rule Editor Dialog

The Rule Editor Dialog allows you to adjust the settings for each rule you have defined in the module.

The Dialog is divided into three parts: -

▶ **Rule Name and Status**

Here you specify an identifying name for the rule, enable/disable it and select if internally forwarded messages are to be checked.

▶ **Rule Conditions**

These settings are used to check each mail message as it is processed by the module. The message data are compared to the conditions settings and those messages which match all the conditions will have the rule actions applied to them. See **Using Rule Conditions** (pg. 10) for more detail.

▶ **Rule Actions**

Each rule may have up to two actions associated with it. Each action is selected from a dropdown list of available actions. A chosen action may require further settings. These can be accessed by clicking on the settings button to the right of the action. See **Using Rule Actions** (pg. 11) for more detail.

More than two actions may be defined by creating a second rule with the similar conditions. If further checking of the mail is not required after a match with this rule, you should check the ***On match ignore further rules*** box to preserve system resources.



Remember to adjust the order of your rules so the most commonly matched ones are near the top of your list.

Counters Tab

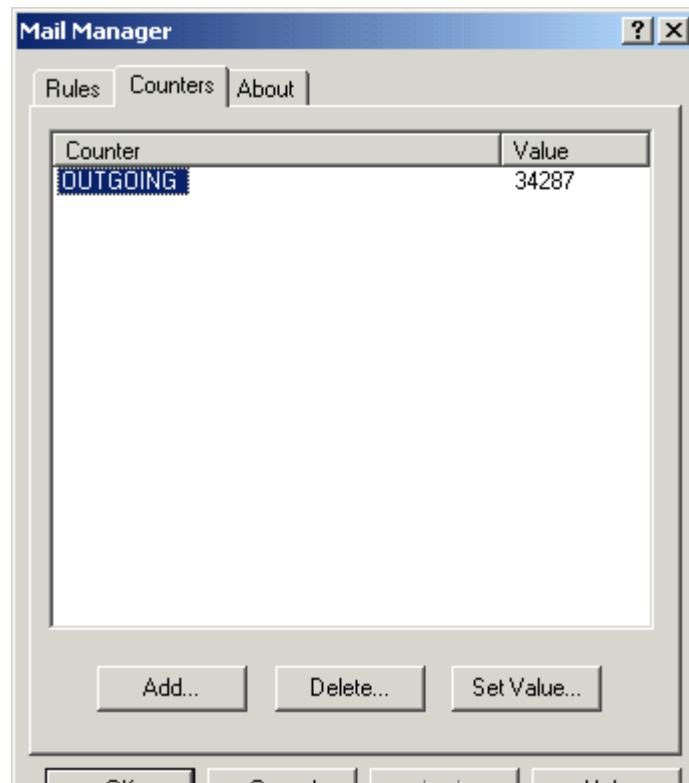


Figure 3 - Counters Tab

The Counters Tab displays a list of the counters you have configured in your system.

The **Count action** (see pg. 19) allows a counter to be incremented when a mail message matches the conditions for a rule with this action. You can define any number of counters to use and they are displayed in this tab.

In this tab you can: -

▶ **Add a Counter**

Click on the Add button to access the **Add Counter Dialog** (pg. 7).

▶ **Remove a Counter**

Highlight the Counter to remove and click the Delete button.

▶ **Change a Counter's value**

Highlight the counter to change and click the Set Value button to display the **Set Counter Dialog** (pg. 7).

Add Counter Dialog

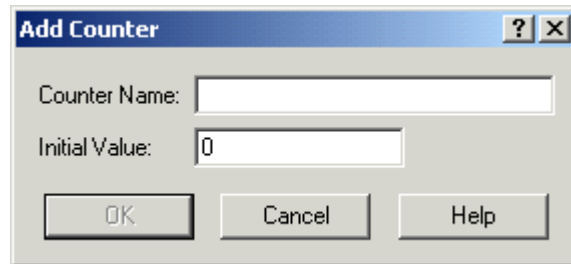


Figure 4 - Add Counter Dialog

The Add Counter dialog is displayed when you choose to add a new counter to the **Counters Tab** (pg. 6) list.

In this dialog you specify a name for this counter and give it an initial value. Click OK to save the counter and add it to the list.

Set Counter Dialog

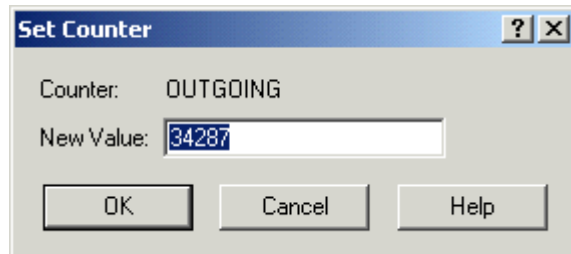


Figure 5 - Set Counter Dialog

The Set Counter dialog is displayed when you choose Set Value for a counter in the **Counters Tab** (pg. 6) list.

In this dialog you can adjust the current value for a counter. Enter the required value into the New Value and click OK to change its value.

About Tab

The About Tab shows the Mail Manager Extension version and copyright details.

This tab also contains the Register button that allows you to enter the extension activation key to licence the module. When you click on this button the **Register Dialog** (on page 8) will be displayed.

Register Dialog

Clicking on the Register button in the **About Tab** (on page 7) accesses the Register dialog.

To register the Mail Manager Extension Module you need to purchase an activation key. Enter this key into the Activation key field EXACTLY as sent to you. All letters should be upper-case.

When you have entered the key, click the OK button to confirm the key is valid and to complete the registration process.

Full details on how to purchase a licence key can be found on our web site at www.mailgate.com.

Using the Mail Manager

Using Rules

The Mail Manager Extension uses rules to manage and perform actions on every mail message that passes through the module.

You can define as many rules as you wish. The **Rules Tab** (pg. 3) lists all the current rules. In this tab you can adjust the sequence in which they are processed. To preserve system resources it is advisable to consider this sequence with care.

The rule settings are configured in the **Rule Editor Dialog** (pg. 4). Each rule has three parts: -

▶ Rule Name and Status

This is an identifying name for the rule and you can enable/disable it. You also select if messages forwarded from MailGate mailboxes are to be checked. Generally such messages will have already been checked before being delivered to the mailbox, but further processing may be required.

▶ Rule Conditions

These are the settings used to check each mail message as it is processed by the module. The message data is compared to the conditions settings and those messages which match the conditions will have the rule actions applied to them. See **Using Rule Conditions** (pg. 10) for more detail.

▶ Rule Actions

Each rule may have up to two actions associated with it. The required actions are selected from a dropdown list of available actions. Some actions require further settings. These can be accessed by clicking on the settings button to the right of the action. See **Using Rule Actions** (pg. 11) for more detail.

More than two actions may be defined by creating a second rule with the similar conditions. If further checking of the mail is not required after a match with a rule, you should check the ***On match ignore further rules*** box to preserve system resources and consider moving the rule to the upper part of your rule list.

Using Rule Conditions

When the Mail Manager processes a mail message it is checked against the conditions for each rule in turn in the same order as displayed in the **Rules Tab** (pg. 3).

If a match is found then the selected actions for the matching rule are applied to the mail. See Using Actions for more information.

If the matching rule has the option *On match ignore further rules* checked then no further processing of this mail occurs, otherwise the mail is passed to the next rule in sequence for checking.

The rule conditions are configured in the Rule Editor dialog. You can use any number of the available settings. Use the Logic option to define the logical relationship between the individual settings as

Mutual (AND) - all the used settings must match

or

Exclusive (OR) - any one of the used settings can match.

There are four string matching conditions which may be specified using Wildcards including the Inegate operator. These are: -

Sender - Checks the mail From: address.

Recipient - Checks the mail To: address.

Subject - Checks the Subject: line.

Message - Checks the mail body.

Note - In the case of the Mail Manager, the Sender and Recipient addresses are the addresses being used by the MailGate delivery system. In the case of incoming POP mail these addresses will be the result of the mail header routing process and can be different to the actual mail header contents. See the main MailGate help for information on how POP mail is routed.

In addition you can check for the following: -

Words - A list of words that will be checked against the mail body. If any single word exists then the condition will match. Only whole words may be used and each word should be separated by a space in the list.

Field - Checks the header for the specified field. The check can just be for the existence of the field or the field data can be compared to a specified string (using Wildcards if desired).

Size - Checks the mail file size against a specified size. The condition can be used with either a greater than or less than operator.

Destination - You can restrict this rule to only match against mails to be delivered locally, externally or both.

When you have completed setting the required rule conditions you can select up to two actions to be performed on matched mail messages. See **Using Rule Actions** (pg. 11) for more details.

Using Rule Actions

When the Mail Manager processes a mail message it is checked against the conditions for each rule in turn in the same order as displayed in the **Rules Tab** (pg. 3). If a match is found then the selected actions for the matching rule are applied to the mail.

In the actions section you can select up to two actions to be performed on a matching mail message. The actions are performed in the sequence #1 then #2. If you need to perform more than two actions then define a second rule to also match the mail message taking account of any changes you may have made to the message with the first rule.

Some of the available actions require additional settings. These can be accessed by clicking on the settings button to the left of the action selector.

The following actions are available. See the pages below to review the details for each action.

No Action - No action is performed on matched mails (pg. 12).

Reject - Reject the message and return it to the sender (pg. 12).

Add Header/Footer - Add a header or footer to the mail message body (pg. 13).

Delete - Delete the mail message (pg. 14).

Print - Send the mail data to a printer (pg. 14).

Forward - Forward a copy of the mail to another address(es) (pg. 15).

Archive - Write a copy of the mail to an archive area (pg. 15).

Moderate - Pass the mail to a moderator for approval (pg. 16).

Log - Write a comment to the MailGate log file (pg. 17).

Create - Create an entirely new message (pg. 17).

Execute - Execute another program or process (pg. 18).

Remove Attachments - Remove any attachments from the message (pg. 19).

Count - Increment one of the system counters (pg. 19).

Check ***On match ignore further rules*** if no further processing of this mail is required, otherwise the mail will be passed to the next rule in sequence for checking.

No Action Action

There are no settings required for the No Action action.

This action is the default for new rules. It would typically be used with the *On match ignore further rules* check box to stop further processing of this message.

Reject Action Settings

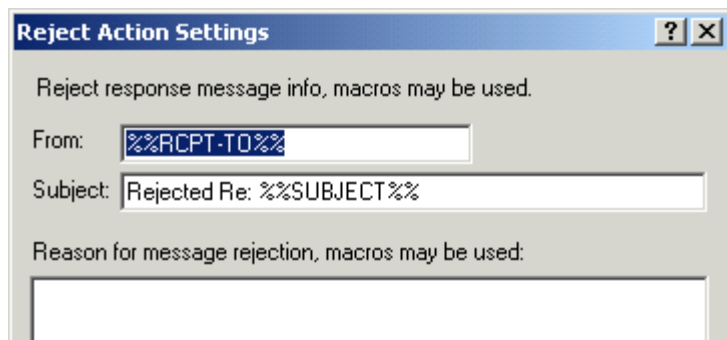


Figure 6 - Reject Action Settings

The Reject action is used to reject a mail message and send a rejection message back to the originator.

In the Reject Action Settings dialog you define the From address, Subject and reject message body to return to the sender. Note the resulting reject message will automatically contain the first part of the incoming message for reference.

You can use MailGate Macro Expressions to reference data in the original mail message.

Header/Footer Action Settings

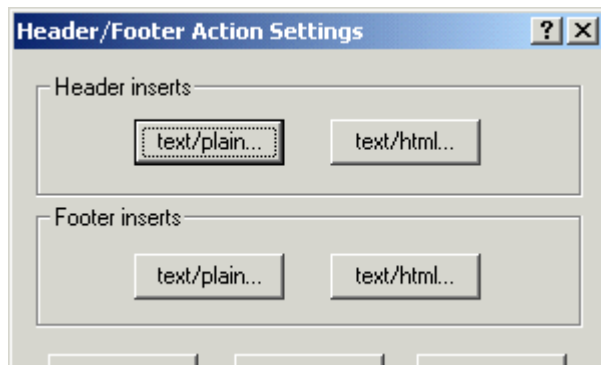


Figure 7 - Header/Footer Action Settings

The Header/Footer action is used to add text to either the start or the end of a mail message body. Text may be added in either text/plain format or text/html format.

In the Header/Footer action settings dialog you select which type of text you wish to add. This will display the text addition dialog where you enter the text data. You can use MailGate Macro Expressions to reference data in the original mail message.

Note - If you use the text/html format you are responsible for the html coding.

Text Addition Dialog

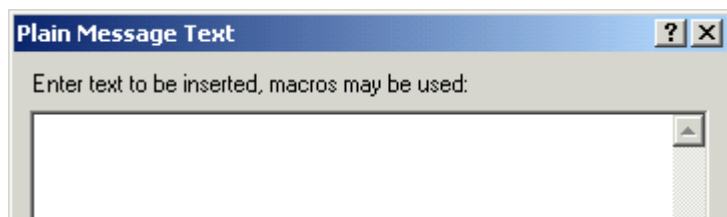


Figure 8 - Text Addition Dialog

In the Text Addition dialog you can enter the text to be added to a mail message.

You can use MailGate Macro Expressions to reference data in the original mail message.

Note - If you use the text/html format you are responsible for the html coding.

Delete Action

There are no settings required for the Delete action. The mail message will be deleted.

Note - further actions can not be specified after a delete action.

Print Action Settings

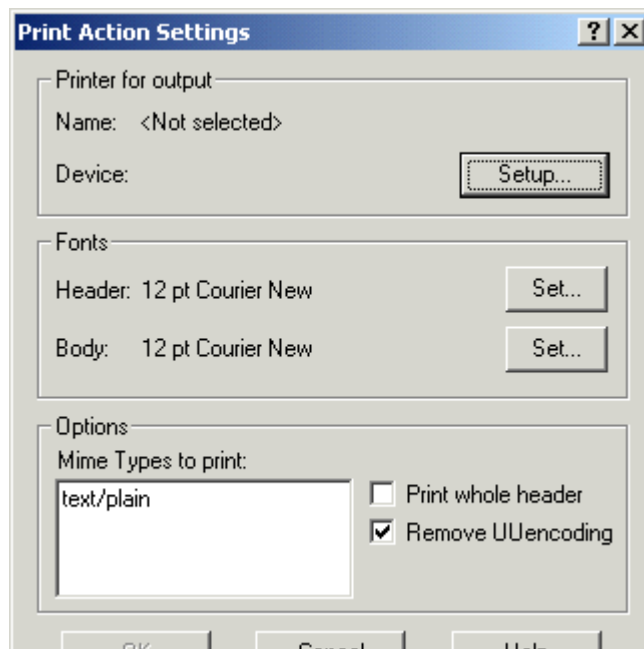


Figure 9 - Print Action Settings

The Print action is used to send a copy of the mail message to a printer.

In the print action settings you select the printer to use and adjust its settings to suit and select the font to use.

In the options section define which **Mime types** (pg. 20) to include in the printout. You can also decide if you wish the whole mail header to be printed and if UUencoded data is to be included.

Note - The print action can only pass the mail data to the printer. It will not decode or interpret the data in the same way an email client program will.

Forward Action Settings

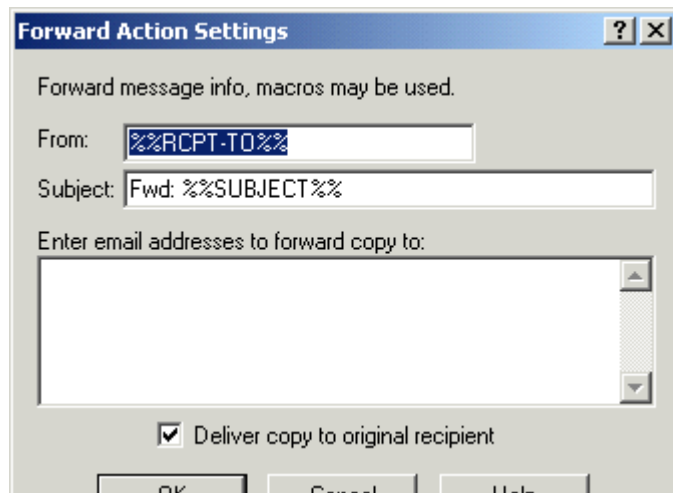


Figure 10 - Forward Action Settings

The Forward action is used to forward a copy of a mail message to one or more other recipients.

In the Forward action settings you can enter any number of forwarding addresses, one per line, and select if the original message is to be delivered to the original recipient. You can also define the From: address and Subject to use in the forwarded message.

Archive Action Settings

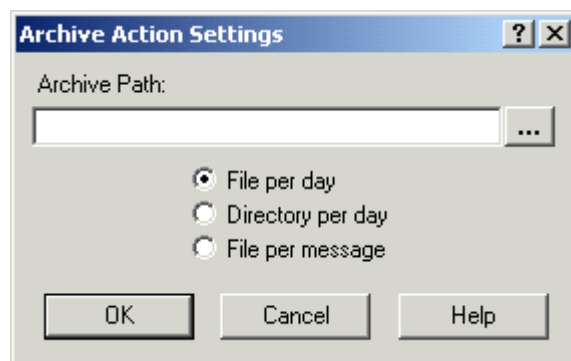


Figure 11 - Archive Action Settings

The Archive action is used to archive a copy of the mail message.

In the Archive action settings dialog you specify the location of the archive using the Archive Path setting and select if the archive is to

be created as:-

A file per day - the module will create a file for each day. The file name format used is MA<yymmdd>.TXT and each archived message is added to the end of this file.

A directory per day - Each message is archived into an individual file in a directory for each day. Each daily folder is created below the Archive path with the format <yyyymmdd>.

A file per message - Each message will be copied to a new file in the Archive Path folder. The file name format is MSG<nnnnn>.MSG, where nnnnn is a unique id.

Note - Archived messages are stored in raw email format. They can be read by a text editor or the MailGate Message Viewer.

Moderate Action Settings

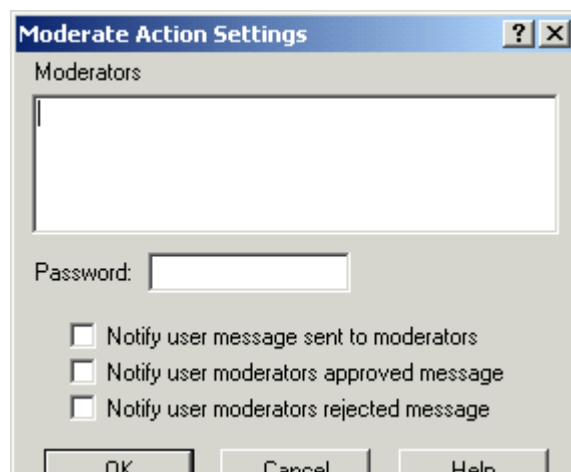


Figure 12 - Moderate Action Settings

The Moderate action is used to control the passing of a mail message through the module.

In the Moderate action settings dialog you specify the address(es), one per line, in the moderators setting and a password to be used by the moderator when replying to a moderation request.

Mail Manager can also send notification messages to the originator advising the status of their message. Use the checkbox options to define which of these notifications should be sent.

What is Moderation?

Moderation is the ability to introduce manual control to the passage of a mail message. The moderator acts as a controller and MailGate will send a copy of a moderated message to the moderator with an approval request. The moderator replies to this request indicating if the message is approved or not and supplies the password. When MailGate receives this message the message is either released or blocked.

Log Action Settings

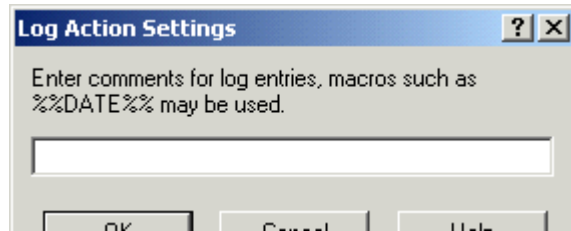


Figure 13 - Log Action Settings

The Log action is used to make the Mail Manager log the processing of a mail message.

In the Log action settings dialog you specify the log entry to be created.

You can use MailGate Macro Expressions to reference data in the original mail message.

Create Message Settings

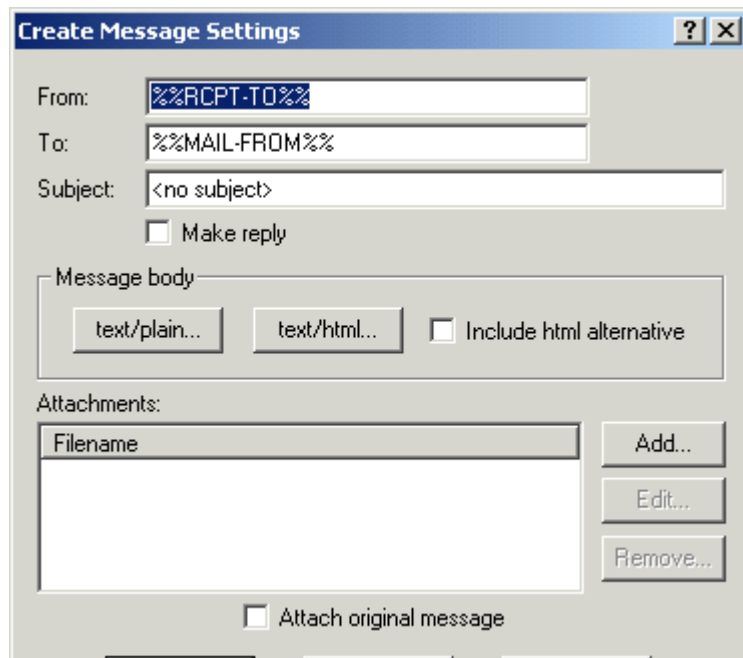


Figure 14 - Create Message Settings

The Create Message action is used to create a new mail message triggered by the passage of the original message.

In the Create Message settings you define the data for the new message including the To, From and Subject entries, the message body and any attachments you wish to include.

You can use MailGate Macro Expressions to reference data in the original mail message for the header and body data. You can use also use Macros in the file attachment setting to allow the file attachment to be varied by data in the original message.

To create the message body, use the text/plain and/or the text/html buttons to display the **Text Addition Dialog** (pg. 13).

To set the file(s) to be attached, use the Add or Edit buttons to the right of the filename listing to display the **Attach File Dialog** (pg. 18). You can also have the original message attached by checking the *Attach original message* box.

Attach File Dialog

Use this dialog to specify the name and location of the file you wish to attach to this mail.

Enter the path and filename or click the ... button to select your file.

Execute Action Settings

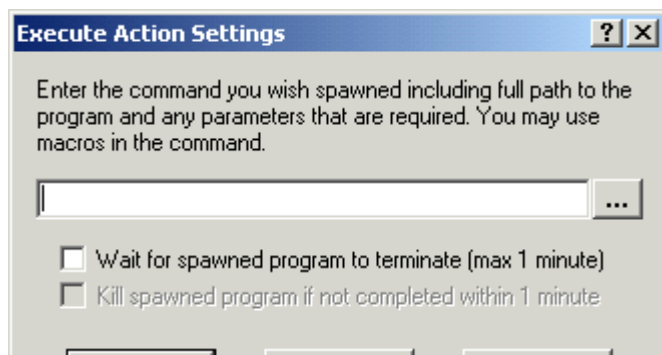


Figure 15 - Execute Action Settings

The Execute action is used to spawn another command process when a mail message is detected.

In the Execute action settings dialog you specify the command line, including any parameters, for the process you wish to spawn. You can also select if you wish the Mail Manager to wait for the process to complete and, if so, what action to take if completion does not occur within 1 min.

If you wish to access the current message, you can reference the original message file on the command line by using the macro value %%MESSAGE-FILE%%. Note that your application is limited to opening this file in read only shared mode.

Note - you will need to ensure the MailGate service has rights to run your process. On Windows NT the service runs using the system account.

Remove Attachment Settings

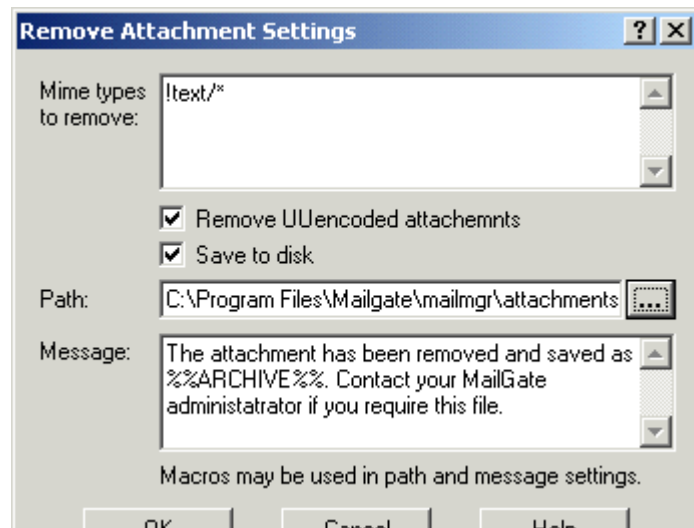


Figure 16 - Remove Attachment Settings

The Remove Attachment action is used to remove any attachments from a mail message.

In the Remove Attachments settings dialog you specify which Mime types are to be removed and can specify if you wish UUencoded attachments to be removed as well.

The removed attachment files can be saved to disk by checking the Save to Disk option and specifying the path to use when saving the files. The original file names will be used when saving unless a file with the same name already exists. In this case _001, _002 etc will be added to the name to make it unique.

The original attachment will be replaced by a simple text file that will contain the words from the Message setting. You can use MailGate Macro Expressions to reference data in the original mail message when creating this replacement message.

Count Action Settings

The Count action is used to have the passage of a mail message increment a counter.

In the Count action settings dialog you select the counter you wish to be incremented. The counter must already have been added to the list in the **Counters Tab** (pg. 6).

Technical Reference

About Mime Types

What is MIME

MIME stands for Multipurpose Internet Mail Extensions.

The Internet standards for MIME are a universally recognised method for dealing with differing types of data being contained within a mail message. The standards define the mail header fields associated with MIME data inclusions and encoding methods used.

Mail Header Fields

The primary header field associated with MIME is the Content-Type: entry. This field allows for the type of data to be specified. The value for this field comprises the data type and subtype followed by any parameters. For example Content-Type: text/plain

The currently recognised types are:-

Text - textual information. Typical subtypes - plain, html

Image - image data. Typical subtypes - jpeg, gif

Audio - audio data. Typical subtypes - basic

Video - video data. Typical subtypes - mpeg

Application - other data types.

Multipart - mail includes multiple entities of differing types.
Typical subtypes - mixed, alternative

Message - mail includes an encapsulated message. Typical subtypes - rfc822, partial.

Where data is encoded, the header field Content-Transfer-Encoding: is used to specify the encoding method used. There are two common types of encoding used, quoted-printable and base64.

Multipart Messages

When a message contains more than one type of MIME entity, the message header Content-Type: field will generally be set to multipart. In this type of message the beginning of each entity will be marked by a -----_Nextpart... subheading and within this the data type is specified using another Content-Type: field. Where Mail Manager is set to test for MIME types it is these subheading types which are checked, not the main mail header type, for multipart messages.

MIME types and Mail Manager

In most cases where Mail Manager settings allow the specification of MIME types, wildcard entries may be used. When making your entry you have the choice of simply matching a type (example text/*) or exactly specifying a full type and subtype (example text/plain). To identify which type and subtype entries are required you should study your mail header details.

For more details on the specification and use of MIME refer to the Internet RFC standards documentation.

Mail Manager Windows Registry

Windows Registry

The Mail Manager extension stores its configuration in the Windows Registry. All settings are stored under the section:-

```
HKEY_LOCAL_MACHINE
  Software
    IDSL
      MailGate
        Mailmgr
```

Within the MailMgr key are found the main configuration settings. There are also a number of subkeys. See the following pages for details.

Registry - MailMgr

The Mail Manager extension stores its configuration in the Windows Registry.

The general settings are in this location with sub-keys for the Rule and Counter settings that are listed in the following pages.

The general settings are as follows:

Value Name (Data Type)	Description
LicenseString (String)	The license key string.
Manager Address (String)	The mail manager module email address.
Version (String)	The version of the module installed on this system.

Registry - Actions

The Mail Manager extension rule configuration settings are stored below this Registry key.

For each Rule there is a sub-key in the form Action<n> where n is the index value of the rule in the full rules list. The possible entries in each Action<n> key are:

Value Name (Data Type)	Description
Action1 (DWORD)	Indicates which Action is selected for Action #1.
Action2 (DWORD)	Indicates which Action is selected for Action #2.
Description (String)	The name for this Rule.
Destination (DWORD)	Indicates if the rule should match based on message destination. 0=Don't Care. 1=Local. 2=External. Default=0.
Enabled (DWORD)	Indicates if the Rule is enabled or not. 1=Enabled. 0=Disabled.
Field (String)	Field name for Header Field matching.
FieldMatch (DWORD)	Indicates the mode for Header Field matching. 0=No Matching. 1=Match if field present. 2=Match if field not present. 3=Match if value matches given value. 4=Match if value does not match given value.
FieldValue (String)	Value for matching to a header field value. Can use wildcards.
Ignore (DWORD)	Indicates if further rule processing should be ignored. 0=Don't ignore. 1=Ignore. Default=0.
IgnoreForwards (DWORD)	Indicates if MailGate internally forwarded mails should be ignored. 0=Don't ignore. 1=Ignore. Default=1.
Logic (DWORD)	Logic mode for rule. 1 = AND (Mutual) logic. 0 = OR (Exclusive) logic. Default = 1.
Message (String)	Wildcard string to match against message body.
Recipient (String)	Wildcard string to match against message recipient.
Sender (String)	Wildcard string to match against message sender.
Size (DWORD)	Value for size limit in KB
SizeCompare (DWORD)	How to compare size against message. 0 = Don't compare. 1 = Match if message less than size. 2 = Match if message greater than size.
Subject (String)	Wildcard string to match against message subject.
Words (String)	List of words to look for in the message.

Registry - Op<n>

The Mail Manager extension rule action settings are stored below this Registry key.

For each Rule there is a sub-key in the form Action<n> where n is the index value of the rule in the full rules list. Below each Action<n> there are up to two Op<n> sub-keys where Op1 contains the settings for the first rule action and Op2 contains the settings for the second action.

The entries in each Op<n> differ according to the action selected. The possible entries are listed below by action type:-

Reject Message

Value Name (Data Type)	Description
RejectMessageFile (String)	Name of file containing rejection message. Unique filenames are generated by the extension when entering message text. The setting contains the body of the filename without path or extension. The location for all such files is in <mailgate install directory>/mailmgr.
RejectMessageFrom (String)	From: address to use in a reject response. Can include macros.
RejectMessage Subject (String)	Subject: to use in a reject response. Can include macros.

Add Header/Footer

Value Name (Data Type)	Description
FooterMessageFile Html (String)	Name of file containing footer edits for html messages.
FooterMessageFile Plain (String)	Name of file containing footer edits for plain text messages.
HeaderMessageFile Html (String)	Name of file containing header edits for html messages.
HeaderMessageFile Plain (String)	Name of file containing header edits for plain text messages.

Print

Value Name (Data Type)	Description
PrintBodyFont (Binary)	A Win32 LOGFONT structure containing details of the font to be used for printing body text.
PrintDeviceMode (Binary)	A Win32 DEVMODE structure containing details of the selected print device.
PrintDeviceNames (Binary)	A Win32 DEVNAMES structure containing details of the selected print device name.
PrintHeaderFont (Binary)	A Win32 LOGFONT structure containing details of the font to be used for printing header text.
PrintMimeTypes (Multi-String)	List of permitted mime types to be printed. Each entry can include wildcard characters. The type of each segment of a message is tested against this list and if matched included in the printed output. Default list has single entry of 'text/plain'.
PrintRemove UUencoded (DWORD)	Flag to indicate if uuencoded data is to be removed from printed output. 1 = remove, 0 = leave, default = 1.
PrintWholeHeader (DWORD)	Indicates whether to print the whole message header or just limited subset. 1 = Print whole header, 0 = print subset, default = 0.

Forward

Value Name (Data Type)	Description
ForwardDeliver Original (DWORD)	Indicates if the message should be allowed through to the original recipient. 1 = allow through, 0 = don't pass through. Default = 0.
ForwardFrom (String)	The From: address to use in forwarded message. Can include macros.
ForwardList (Multi-String)	List of email addresses to receive forwarded copy of message.
ForwardSubject (String)	The Subject: to use in forwarded message. Can include macros.

Archive

Value Name (Data Type)	Description
ArchiveMode (DWORD)	Mode for archiving files. 0 = Write all messages for a day into a file of the form MA<yyddmm>.txt. 1 = Create a subdirectory <yyyy>-<mm>-<dd> for each days messages and save messages to individual files of the form msg<xxxxx>.txt. Default = 0.
ArchivePath (String)	Path string giving directory to archive messages into.

Moderate

Value Name (Data Type)	Description
ModerateModerators (Multi-String)	Array of moderator email addresses.
ModerateNotifyUser (DWORD)	Indicates if the originator of a message should be notified that their message has been sent for moderator approval. 1=Notify. 0=do not notify. Default=1.
ModeratePassword (String)	Encrypted string giving password required for moderator control messages.
ModeratorNotifyUser Fail (DWORD)	Indicates if the originator of a message should be notified that their message has been rejected by the moderators. 1=Notify. 0=do not notify. Default=1.
ModeratorNotifyUser Pass (DWORD)	Indicates if the originator of a message should be notified that their message has been approved by the moderators. 1=Notify. 0=do not notify. Default=1.

Log

Value Name (Data Type)	Description
LogComment (String)	String giving line to be written to log file. Can include macros.

Create Message

Value Name (Data Type)	Description
CreateMessageAlternative (DWORD)	Flag indicating whether plain text/html alternative format message should be created. 1 = Create alternative format. 0 = Don't create alternative format. Default = 0.
CreateMessageAttachments (Multi-String)	List of files to be attached to the message created. Filenames can include macros.
CreateMessageFrom (String)	From address for the message. Can include macros.
CreateMessageHtmlFile (String)	Filename containing text for html portion of message
CreateMessageMakeReply (DWORD)	Flag indicating whether the message should be sent as a reply to the message the rule matched or not. 1 = Send as reply, 0 = Send as root message. Default = 0.
CreateMessagePlainFile (String)	Name of file containing text for plaintext part of message.
CreateMessageSubject (String)	String giving the Subject line for the message. Can contain macros.
CreateMessageTo (String)	String giving the To line for the message. Can contain macros.
CreateMessageAttachEmail (DWORD)	Indicates if the original email should be attached to the new message as a message/rfc822 attachment. 1=Attach. 0=Do not attach. Default=0.

Execute Program

Value Name (Data Type)	Description
ExecuteCommand (String)	String giving command to be run.
ExecuteWait (DWORD)	Flag indicating if the extension should wait for the command to complete before continuing. 1 = wait, 0 = don't wait. Default = 0.
ExecuteTerminate (DWORD)	Flag indicating if the extension should terminate the spawned process if it hasn't completed after 1 minute. 1 = terminate, 0 = don't. Default = 0.

Remove Attachments

Value Name (Data Type)	Description
RemAttachType (Multit-String)	Array of mime types to be removed. Entries can contain wildcards.
RemSaveAttach (DWORD)	Indicate if removed attachment should be saved. 1 = Save. 0 = Don't save. Default = 1.
RemSavePath (String)	Path to area that attachments will be saved into.
RemMessage (String)	String giving message that will be put into message in place of removed attachment. Can include macros.
RemUUencode (DWORD)	Indicates whether uuencoded attachments should be removed or not. 1 = Remove. 0 = Don't remove. Default = 1.

Count

Value Name (Data Type)	Description
CounterName (String)	Name of counter to be incremented by this operation

Registry - Counters

The Mail Manager extension counters are stored below this Registry key.

For each counter there is a DWORD entry using the counter name with the value set to the current count.