```
   _____
  //   ___   ___   ____   ____   ___   //  //
 // /| / / |/ / |/ /  | / ___| / ___| / // /    /
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```

Msged/Q
A Freely Available
QuickBBS Compatible Message Editor

Version 1.60
Copyright 1991 by Pieter Muller
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Manual Written and Compiled
by Simon Driver and Pieter Muller
Copyright 1991

1. INTRODUCTION

Msged/Q is a message editor which was designed for the QuickBBS
message base. It was developed primarily for point use, but it can
also be used by QuickBBS sysops. It is based on the Msged 1.99 source
code of Jim Nutt, with his permission, and has inherited all it's
features. This manual is based on the Msged 1.99 manual and various
addendums written by the author.

1.1 Disclaimer

This software is distributed free of charge and with no restrictions
on its use in non-commercial settings. If, for any reason, you decide
to use this program in a commercial application, please contact the
author at the address listed below.

This program is guaranteed to work only on the author's own computer
system in his home! Use of this program is at your own risk and the
author cannot be held responsible in any way for anything that happens
as a result of your using Msged/Q. Remember, you got this program for
free and the source code is available.

1.2 Author's Address

Please don't bother Jim Nutt with questions about Msged/Q. The author
can be contacted in one of the following ways.

```
Netmail:        Pieter Muller at 5:7102/11@Fidonet
Internet:       pmuller@cs.sun.ac.za
Paper Mail:     P.O. Box 7124
                7600 Stellenbosch
                South Africa
```

1.3 Version Numbers

All versions will be numbered in the #.## (two decimal digits). Beta
versions will have a non-zero second decimal digit, being the beta
release number.

2. WHAT YOU NEED

Check the following lists to make sure that you have all the programs
you need. These lists represents the minimum software requirements.

2.1 A Point System

In addition to the Msged/Q executable and manual, you need a QuickBBS
message packer for your netmail and echomail and other QuickBBS
message base utilities for message maintenance.

You need at least the following files for your point setup. Talk to
your pointnet host to find out where to find these programs. Note
that Fidonet software are continually updated and new packages appear
all the time. Therefore this list may not be up to date.

Program	Function	Where?
MSGEDQ.EXE	Message Editor	(included)
QECHO.EXE	Import/Export Echomail	QNET_263.ZIP
MAILSCAN.EXE	Export Netmail	QNET_263.ZIP
MAILTOSS.EXE	Import Netmail	QNET_263.ZIP
MSGEDQ.DOC	Manual for Msged/Q	(included)
QUICKBBS.DOC	QuickBBS manual	QDOC_261.ZIP
MSGUTILS.EXE	Message maintenance	QUTL_262.ZIP (in QEXE_263.ZIP)
MSGPACK.EXE	Message maintenance	MSGPK24B.ZIP (or QUPD_204.ZIP)

In a Binkley environment you will also need a mail packer like oMMM
(OMMM_140.ZOO) or Qmail (QM_100.LZH). Sample config files are
included. You will also need an archiver like PKZIP, PKARC or LHARC.

Msged/Q has been used with the ZmailQ mail processor. It has also
been used with FrontDoor and D'Bridge.

2.2 A QuickBBS System

You will already have the required QuickBBS programs installed, so you
only need the files included here.

3. INSTALLATION

Msged/Q was designed with easy installation in a QuickBBS/BinkleyTerm
environment in mind. It makes use of most of the data files that are
already necessary for the other programs needed to operate a QuickBBS
or Point system, but it can use it's own separate configuration file
if necessary.

3.1 Point Installation

o   Extract all the files needed into an empty directory.

o   Read the sections on The Message Base, Netmail and Echomail, and
     Qecho in the QuickBBS manual and modify the sample QECHO.CTL for
     your system.

o   Modify the origin line and the conference names and numbers
     (called boards by QuickBBS) in the sample AREAS.BBS file supplied
     so that you receive the correct areas from your point host. The
     conference names have to be exactly the same as the names of the
     conferences you are receiving from your point host. You can use
     any board number from 1 to 200 as long as the number is unique for
     each conference. Some mail processors might require that you use
     consecutive board numbers.

o   Modify IMPORT.BAT, EXPORT.BAT, BINKLEY.CFG and MSGEDQ.CFG for your
     system so that the directories referenced and other commands are
     correct.

Now that your point has been set up correctly, it is time to tell
Msged/Q to create the various other files that are needed by the
QuickBBS utilities. Run Msged/Q with the following command line:

    MSGEDQ -n<Directory Name of NETMAIL messages>

This will create the QuickBBS USERS.BBS and CONFIG.BBS files using the
information found in the Msged/Q configuration files. The QuickBBS
utilities use the information in CONFIG.BBS so you should use this
command line switch every time you add to or modify your conference
configuration.

The IMPORT.BAT file is used to unpack new mail received from your
pointnet host. The EXPORT.BAT file is used just before you call your
host to export all new mail entered by you. (You can change messages
before they are exported with the <Alt-C> command. If you change a
message after it has been exported, it will be exported again).

3.2 QuickBBS Installation

If you already have your QuickBBS system set up to send and receive
netmail and echomail, all you need to do is use the MsgedQ.Exe file.
You should run Msged/Q with the "-q" command line switch so that it
takes all the information it needs from CONFIG.BBS and AREAS.BBS.
You can create a MSGEDQ.CFG file if you want to override the
information found in these files.

You should never use the "-n" command line parameter if you are
running QuickBBS. The "-n" parameter causes Msged/Q to overwrite your
CONFIG.BBS and USERS.BBS files and is required for points setups so
that they don't need to run QConfig.

You can modify the MSG.BAT file for your system. Use this file to run
Msged/Q and to pack newly entered netmail and echomail automatically.

3.3 Batch Files

If you are planning to run a well designed point system, it is
important to make use of the batch files supplied and ones that you
create yourself. In order to facilitate this, Msged/Q provides you
with some exit codes that can be trapped using the DOS errorlevel
system. The following codes are used, others can be assumed to be
errors.

                          0   No New Mail Entered
                          1   New NetMail Entered
                          2   New Echomail Entered
                          3   New Net and Echomail Entered

4. CONFIGURATION

4.1 Where Msged/Q gets it's area information

Msged/Q can get its area information from a number of sources. The
first source searched is the board configuration in CONFIG.BBS (if you
specified the "-q" command line switch. Next, AREAS.BBS is searched.
Lastly, the Msged/Q configuration file is searched for "quick"
statements defining message areas.

Some of these files do not provide all the information needed for the
area description. It is important that the message board numbers be
consistent throughout your system, i.e. if an area is listed in
several of these configuration files, you should use the same board
number in all the different files.

The following table shows which kind of information is listed in each
type of configuration file.

	Board Type	Echo Tag	Board Descr.	Board Number
CONFIG.BBS	yes	no	yes	yes
AREAS.BBS	yes	yes	no	yes
MSGEDQ.CFG	yes	yes	yes	yes

Msged/Q doesn't use the Echo tag directly, but it can display it for
you on the areas screen. If it can't find a board description, it
will use the echo tag.

4.2 Adding New Areas

If you are a QuickBBS sysop, you should modify your AREAS.BBS and
CONFIG.BBS files in the normal way.

If you are a PointOp you should add a unique board number in
AREAS.BBS. If you want to add a descriptive name to a conference, you
can add a "quick" statement to your MSGEDQ.CFG file. The format is:

    Quick Mail|Local|Echo [pcks] "Description" boardno [tag]

Only one of Mail, Local or Echo must be present. These keywords
define Netmail, Echomail or Local message areas respectively. The
[pcks] flags are optional and set the Private, Crash, Kill/Sent and
SoftCR bits on Netmail. The [tag] is only required for Echo boards.

If you are a PointOp and you have modified your areas configuration
you should run Msged/Q with the following command line:

    MSGEDQ -n<Directory Name of NETMAIL messages>

Which will re-create the CONFIG.BBS and USERS.BBS files with the new
information.

4.3 Configuration Keywords

These are all the statements that Msged/Q recognizes in it's
configuration file. The keywords contain a subset of the keywords
from the BinkleyTerm and Msged configuration files. This allows you
to add your Msged/Q-specific configuration information to your
BINKLEY.CFG file. Msged/Q will use all the BinkleyTerm statements it
recognizes.

If quotation marks are shown, they are required. Alternatives are
indicated with "|". Optional parts are between square brackets,
"[...]".

The source of each configuration statement is shown at the right of
the line containing the keyword. The source can be "Binkley",
"Msged", "Msged/Q" or "Msged 2.00". Although Msged 2.00 is not yet
available, the author used some of the ideas that are being
incorporated in Msged 2.00 by following the MSGED echo.

    Address   Zone:Net/Node.Point@Domain   Binkley

                 This is your node number with point and domain being
                 optional. The current version doesn't handle multiple
                 address statements and will use the last one found.

    Application AppName [params ...]   Binkley

                 If AppName is "Msged" or "MsgQ" Msged/Q will parse the
                 rest of the line as if it is a normal configuration
                 statement. Any other values for AppName is ignored
                 totally.

                 This command is defined by Binkley and allows you to
                 include application-specific configuration information in
                 your Binkley configuration file.

    Attrib   AttributionLine   Msged/Q

                 This command sets the Attribution line that is used when
                 quoting messages. The default attribution line is "In a
                 message of <$d>, $f ($a) writes:".

                 This, like the quote string is totally configurable.

                    $d Date of the message that you're quoting
                    $f Who the message that you're quoting was from
                    $t Who the message that you're quoting was to
                    $a The address of the message that you're quoting

                 See "Quote" for more information on spacing etc. but you
                 might come up with something that looks like:

                    Attrib "In a message to $t on $d, $f scribbled ..."
                    Attrib "Original $d was from $f to $t"

                    Attrib "$f said:"

          The attribution line can be disabled by setting it to the
          empty string, "". Try to keep the attribution line
          short, remember to leave space for the expansion of the
          "$" macros.

   BBSFiles   DirectoryName   Msged/Q

          See "QuickBBS".

   Color   ColourArea Foreground/Background   Msged

          See "Colour".

   Colors   ...   Binkley

          See "Colours".

   Colour   ColourArea Foreground/Background   Msged

          The following ColourArea values may be used:

            Normal, Warn, Quote, Block, Info, Hilite

          The following colours are recognized (only the first
          three letters are significant):

            Black, Blue, Green, Cyan, Red, Magenta, Yellow (or
          Brown) and White (or Gray).

          You can append "+Intense" to a foreground colour.

          Example: Colour Quote Yellow+Intense/Black

   Colours   ...   Binkley

          Only for compatibility with BINKLEY.CFG. See the Binkley
          documentation for more information.

   EditKey   ScanCode Function   Msged

          Using this command allows redefining of the editing keys
          used in Msged/Q. "ScanCode" is the code returned by the
          BIOS for a particular key. It is represented in
          hexadecimal. For example:

            <Ctrl-A> is 0x0001
            <Down Arrow> is 0x5000

          "Function" can be one of the following:

            Backspace Backspace and delete
            Del   Delete character under cursor

```
                    Left       Moves cursor one left
                    Right      Moves cursor one right
                    Up         Moves cursor up one line
                    Down       Moves cursor down one line
                    WordLeft   Moves cursor to previous word
                    WordRight  Moves cursor to next word
                    PageUp     Moves cursor up one screen
                    PageDown   Moves cursor down one screen
                    NewLine    Creates a new line at cursor position
                    DelLine    Deletes the entire line under cursor
                    Anchor     Mark the beginning of a block
                    Cut        Cut from anchor point to current line
                    Paste      Paste cut text into message text
                    GoEOL      Moves cursor to the end of the line
                    DelEol     Deletes all text to the end of the line
                    Top        Moves cursor to the top of screen
                    Bottom     Moves cursor to the bottom of screen.
                    First      Moves cursor to the first line
                    Last       Moves cursor to the last line
                    Quit       Save the message and exit to the reader
                    Abort      Exit to the reader without saving
                    Tab        Go to the next tab stop, insert spaces
                    Shell      Go to a DOS shell
                    Import     Import a text file into the message
                    Export     Exports text to a file or device
                    GoBOL      Go to the beginning of the line
                    Insert     Toggle the insert/overwrite mode
                    EdHelp     Key to bring up on-line help.
                    Format     Reformats the current paragraph
                    Null       Does nothing. Use to deallocate a key
```

     Function   KeyNumber String   Msged

               Defines your function keys for use within Msged/Q.
               KeyNumber can be any number from 1 to 40.

                    01 - 10   Normal Function Keys
                    11 - 20   Shifted Function Keys
                    21 - 30   Control Function Keys
                    31 - 40   Alt Function Keys

               To place a control character into the string use a ^
               before the character.

               Example: <Ctrl-A> = ^A

               To place a special key, use a 5 character string, the
               last two characters representing the scan code of the key
               in hexadecimal.

               Example: <Up Arrow> = \0x48

        Include   FileName   Binkley

                     If you wish to include configuration data from another
                     file, use this command. You might want to combine this
                     keyword with the "Application" keyword to include
                     Msged/Q-specific information into your BINKLEY.CFG file.

        MaxX   Number   Msged

                     Defines the screen width. Use this if you have a non-
                     standard video card. The number must be at least 80.

        MaxY   Number   Msged

                     Defines the screen height. Use this if you have a non-
                     standard video card.

        Name   Your Name   Msged

                     See "Sysop".

        Origin   Your Origin Line   Msged

                     This is the default origin line that will appear at the
                     end of each echomail message that you write. If you
                     don't use this config keyword, Msged/Q will get the
                     default origin line from CONFIG.BBS or AREAS.BBS. It
                     can, however, be overridden in specific areas by using
                     the ECHOORIG.CTL file. This line should be shorter than
                     80 characters after the " * Origin: " and your address is
                     added by Msged/Q. If you use the "-d" command line
                     parameter, you will be warned of origin lines that are
                     too long.

        Outfile   FileName   Msged

                     This is the default filename that Msged/Q uses when you
                     write data to a file using the <Alt-W> command. The
                     default value is "prn" to send the output to the printer.

        PrivateNet   NetNumber   Binkley

                     This is your private net number that your point host will
                     recognize you as. This statement will only take effect
                     if your address statement contains a non-zero point
                     number.

        Quick   Type [pcks] "Description" BoardNo [Tag]   Msged 2.00

                     This statement defines message areas.

                     Type is Mail, Local or Echo. [pcks] is optional and sets
                     the Private, Crash, Kill/Sent and SoftCR flags for the
                     area. Description should be in double quotes and is a

descriptive name for the area. BoardNo is a unique board
number for each area. Tag is optional and specifies the
echomail tag.

See also the section "Adding new areas".

QuickBBS   DirectoryName   Msged 2.00

This is the directory in which Msged/Q should look for
the *.BBS files. Note that Msged/Q always looks for
CONFIG.BBS and AREAS.BBS in the current directory when
loading. The reason for this is that these two files are
read before the Msged/Q configuration file is read.

Quote   QuoteString   Msged

This defines the string to be used to prefix quoted text.
The default QuoteString is ">".

When quoting a message using Msged/Q it is often nice to
have the initials of the quoted person's name next to the
quoted piece of text. Msged/Q provides "magic"
characters that are replaced by the initials of the
quoted person. You can create any kind of quote style
that you want with the following characters:

   &   All initials
   *   First initial
   ^   Last initial

If you want to include spaces inside your quote string
then you need to enclose your quote string within single
(') or double (") quotation marks.

Example: Quote "<*^> " or
            Quote ">&: "

Please remember to include a ">" character within the
first 5 characters of your quote string. This allows
message editors to recognize quoted text and display it
in a different colour.

QuoteRight Number   Msged

This is the position of the right margin for the quoted
part when quoting a message. The default value is
"Right" - 1.

ReadKey   ScanCode Function   Msged

Using this function allows the modifying of keys used by
the Msged/Q reader. See "EditKey" for further details.

   Previous Go to previous message

```
                         Next        Go to next message
                         First       Go to the first message in the board
                         End         Go to the last message in the board
                         Last        Go to the last read message in the board
                         Link_To     Go to the next message in thread
                         Link_From   Go to the previous message in thread
                         Reply       Reply to current message
                         Quote       Reply to current message and quote
                         Areas       Go to message areas screen
                         View        Toggles hidden lines
                         Home        Go to the first message in thread
                         Search      Search messages for text
                         Delete      Delete current message
                         NewMsg      Enter a new message
                         Move        Move, copy or forward current message
                         Export      Export message to a file or device
                         Config      Settings menu
                         Help        Reader Help screen
                         List        List messages in the current area
                         Change      Change current message
                         Exit        Exits from Msged/Q
                         Shell       Go to a Dos shell
                         Lastread    Set lastread pointer
                         NxtArea     Go to next areas with new mail
                         PrvArea     Go to previous area with new mail
                         UpArea      Go to next area
                         DownArea    Go to previous area
                         MaintArea   Go to maintanance menu
                         Null        Does nothing. Use to deallocate a key
```

     Right   Number   Msged

                 This is the position of the right margin. The default is
                 "MaxX" - 1.

     Sysop   Your Name   Binkley

                 This is the name that you want the "From:" field in
                 Msged/Q to default to.

     TabSize   Number   Msged

                 Defines the size of your tab stops. The default size is
                 8 characters.

     Userlist   Filename [, Filename]   Msged

                 This specifies the name of your fido user list(s).
                 Msged/Q uses these lists to search for the address of a
                 person when you type in the name in the "To:" field. The
                 lists are searched in the order they are listed here.

                 The list must be a sorted ASCII file and all lines in the
                 file must be of the same length. This allows Msged/Q to

perform an extremely fast binary search of the file. The
line format is:

   Lastname, firstname <spaces> address

Every line (including the last line) should have a CR/LF
at the end. The address must come after column 35 and
there should be no empty lines at the end of the file.
Don't use tabs for the spacing and make sure that there
aren't any blank lines at the end of the list.

A userlist file in the correct format can be generated
from the Fidonet nodelist by nodelist processors like
ParseLst.

   Video   Direct │ Bios │ NoSnow   Msged

         Depending on what kind of graphics card you are using,
         you may choose one of the three methods of writing to the
         screen. The default value is "Direct". Use "NoSnow" for
         old CGA cards that create display "noise".

   VideoSeg   Address   Msged

         Defines the video segment address if you have a non
         standard video card. By default Msged/Q determines the
         video segment itself. This is done in a DESQview aware
         manner.

4.4 Configuration Flags

Compared to plain Msged, Msged/Q uses a slightly different way of
setting the configuration flags. It uses statements of the form
"Enable │ Disable │ No Flag". "No" means the same thing as "Disable"
and is provided for Msged 2.00 compatibility.

The following list indicates which keywords are allowed after an
"Enable", "Disable" or "No" keyword. The default values of these
keywords are indicated in brackets.

   Beeps   (Enabled)   Msged/Q

         Enables the generation of beeps.

   Confirm   (Enabled)   Msged

         Used to ask for confirmation of deletions and other
         potentially dangerous commands.

   EIDs   (Enabled)   Msged 2.00

         This is used to generate ^aEID lines in echomail. ^aEID
         lines are used for duplicate checking and reply linking.

   Global...   (Disabled)   Msged/Q

                The full name of this keyword is "GlobalSearch".

                This flag determines if Msged/Q should search through all
                areas when doing the searches with the <Alt-F>, <Alt-Z>
                and "/" keys. By default Msged/Q searches only in the
                current area. In all cases Msged/Q starts searching at
                the current message.

   MSGIDs   (Enabled)   Msged 2.00

                This is used to generate ^aMSGID and ^aREPLY lines in
                netmail and echomail. ^aMSGID and ^aREPLY lines can be
                used to uniquely identify messages and replies.

   ShowNotes   (Disabled)   Msged

                Tells Msged/Q whether to display hidden "kludge" lines.

   SoftCr   (Defunct)

                This flag was used to tell Msged/Q whether to generate
                soft carriage returns at the end of lines. Soft carriage
                returns are ignored by Fidonet software and make messages
                longer. However, they are required for messages gated to
                Usenet and related networks. This flag is superceded by
                the "s" flag in the "quick" statement. See the section
                "Adding new areas" for more details.

   Strip   (Enabled)   Msged 2.00

                This is used to tell Msged/Q to strip all ^a lines in a
                message before adding new ones when changing a message
                with <Alt-C>. Leave this flag enabled in most cases.

   TosScan   (Disabled)   Msged/Q

                This option is used to tell Msged/Q to mark all mail as
                "local". Apparently TosScan won't export messages unless
                they are marked local. Some older versions of Qecho
                didn't export messages with the "local" bit set, but the
                new versions don't seem to mind.

   4.5 Debugging config files

If you use the "-d" option on the command line, Msged/Q will provide
you with debugging information while the configuration files are read.
This can be very useful in tracking problems. The debugging output is
directed to the standard output device, so you can pause it with ^S,
or even re-direct it with normal Dos re-direction symbols.

4.6 Origin Line Overrides

Msged/Q will use ECHOORIG.CTL if it is found. This is a flat ASCII
text file which provides origin line overrides for each board. The
format of the lines in ECHOORIG.CTL is:

<board#> <origin line>

Boards whose origin lines have not been overridden return to the
default origin line. If the first item on a line is not a number, the
line will be ignored by Msged/Q.

5. USING MSGED/Q

5.1 Starting Up

Msged/Q accepts two optional command line parameters and several
command line switches. The switches start with a "-" character and
can be intermixed with the command line parameters.

The first command line parameter is the file name of the configuration
file. It defaults to BINKLEY.CFG and, if that is not found, MSGED.CFG
and then MSGEDQ.CFG.

The second command line parameter is the name of the areas file. It
defaults to AREAS.BBS.

The "-q" command line switch is used to tell Msged/Q that you are a
QuickBBS sysop and that you already have a CONFIG.BBS file. Msged/Q
will always refuse to overwrite CONFIG.BBS if you use this switch. If
this switch is not used, Msged/Q will ignore any information in
CONFIG.BBS.

The "-n" switch is used to re-create CONFIG.BBS for point setups. The
syntax is "-nNetPath" (no spaces) and it should be used only when you
have modified your areas configuration. It causes CONFIG.BBS to be
overwritten or created and it adds your user name to USERS.BBS if it
isn't already there. The message board descriptions are taken from
the other configuration files and entered into CONFIG.BBS. Your name
and origin line is also saved in CONFIG.BBS, in case other utilities
need them. These files are required by some mail utilities like
Mailscan and Mailtoss.

The startup screen displays information about your setup, e.g. your
address, name and origin line. After you press a key, Msged/Q will
search for areas with new mail and automatically place you on any area
with new mail. If no new mail is found, it will beep and leave you on
the first area.

5.2 Reading Messages

Reading messages has been made very easy with Msged/Q. All commands
are simple and nearly all may be redefined using the "EditKey"
statement in the configuration file.

Msged/Q keeps a "highest-read message" pointer for each message area.
This information is stored in QuickBBS's LASTREAD.BBS file. Some of
the message reading commands update the highest-read pointer and some
don't. In the following list of message reading commands the last
column indicates if the specified command updates the highest-read
pointer.

Function	Keys	Updates highest-read
Next Message	<RightArrow>	yes

        Moves to the next message in the current message
area.

| Previous Message | <LeftArrow> | yes |

        Moves to the previous message in the current
message area.

| Next in sequence | <Enter> | yes |

        Moves one message further in the same direction
as the last movement.

| Next in Thread | <Ctrl-RightArrow> | no |

        Moves to the next message in the current message
thread using the "See #" message pointer.

| Previous in Thread | <Ctrl-LeftArrow> | no |

        Moves to the previous message in the current
message thread using the "Reply To #" message
pointer. This command does not update the
highest-read pointer.

| First in Thread | <Home> | yes |

        Moves to the message you were at when you
started to issue <Ctrl-RightArrow> and <Ctrl-
LeftArrow> commands. This is often the original
message in the current thread.

| First in Board | <Ctrl-Home> | yes |

        Moves to the first message in the current board.

| Last in Board | <Ctrl-End> | yes |

        Moves to the last message in the current board.

     Highest Message Read <End>   yes

                           Moves to the highest message number that has
                           been read in the current board.

     Next New Messages   <+>   no

                           Moves to the next area with new messages. If
                           there are no other areas with new messages, it
                           moves to the first area.

     Previous New Messages <->   no

                           Moves to the previous area with new messages.

     Next Area   <Ctrl-N>   no

                           Moves to the next message area.

     Previous Area   <Ctrl-P>   no

                           Moves to the previous message area.

     Search for New Mail   </> (forward slash)   no

                           This searches from the current message forward
                           for new mail address to you. It will not update
                           the highest-read pointers, so you can later go
                           back and read the rest of the mail. If the
                           GlobalSearch flag is set, this command searches
                           through all areas for new mail addressed to you.

     Scroll Up   <UpArrow>   no

                           Scrolls the current message up one line.

     Scroll Down   <DownArrow>   no

                           Scrolls the current message down one line.

     Next Page   <PageDown>   no

                           Displays the next page of the current message.

     Previous Page   <PageUp>   no

                           Displays the previous page of the current
                           message.

     Goto Message   <Any Digit>   yes

                           Prompts for a message number starting with the
                           digit you typed to start this command. If the
                           message exists then the entered number becomes

                              the current message. If you enter 0, it will
                              return to your current message.

     Area Select   <Alt-A>   no

                              This key activates the area selection screen.
                              It also flushes all the message base files to
                              disk to provide protection against power
                              failures.

                              Once in the area selection screen, you can use
                              the cursor keys to move the selector around.
                              Sometimes more than one page of area information
                              is used and you can move the selector between
                              pages. To select an area, press <Enter> and to
                              abort press <Esc>.

                              The areas screen supports "incremental search".
                              You may type enough characters of the area name
                              to uniquely identify it.

                              Using <Alt-T> (the Techie key) will toggle
                              between the full descriptions and the echomail
                              tags and board numbers.

                              <Alt-H> will show a help screen.

     Change Messages   <Alt-C>   no

                              This command allows you to change the header and
                              text of an existing message. The message will
                              be marked for re-export if it is not a local
                              message. Be careful with this as people tend to
                              see liability claims in most things :-)

     Delete Messages   <Alt-D>   no

                              Deletes the current message. You will be asked
                              to confirm your choice unless you have disabled
                              the confirm flag. After deleting the message,
                              Msged/Q will move to the message after or before
                              the deleted message, depending on the previous
                              movement direction.

     Enter Messages   <Alt-E>   no

                              Allows you to enter a new message in the current
                              area.

     Quote a Message   <Alt-Q>   no

                              This is similar to replying except that the text
                              of the current message is quoted in the new
                              message using the quote string as defined in the

configuration file. See also the <Alt-N>
command.

Quote in Another Area <Alt-N>   no

This is similar to quoting a message except that
you may select the area in which the quoted
message will appear in. This command is very
useful to keep echomail messages on topic.

Msged/Q will add a message "* Moved from ... by
... " at the top of the quoted message.

Reply to a Message   <Alt-R>   no

Allows you to reply to the current message.
This means that address and name information is
kept for you and your reply chains will be
updated. See also the quote commands, <Alt-Q>
and <Alt-N>.

Find Text in Messages <Alt-F>   no

This searches through the text and headers of
all the messages in the current area for a text
string. The search always starts from the
current message in the area. You can continue a
search by pressing <Alt-F> and <Enter>. The
search can be terminated by pressing <Esc>.

Find Text in Headers   <Alt-Z>   no

Essentially the same as <Alt-F> the only
difference being that this command searches only
the message headers for the search string.

Help   <Alt-H>   no

Displays the help screen.

List Messages   <Alt-L>   no

Gives you a listing of the messages in the
current area. The information included shows
the message originator and addressee and the
subject line. Use the arrow keys to scroll
through the list and press <Enter> to go to a
message or <Esc> to go back to the previous
message. Note that the highest read pointer is
not updated if you go to a message with <Enter>,
i.e. you can browse with <Alt-L> without
disturbing your "place" in the area.

If the current area is a Netmail area, Msged/Q

will also display the destination and source
address of the message. The addresses displayed
are the raw net/node addresses of the message,
without interpreting the IFNA kludge lines
imbedded in the message text.

Using <Alt-A> will toggle the display of
addressing information in Netmail areas.

Move Messages   <Alt-M>   no

Allows you to move, copy, forward or copy-and-
show a message. The copied, moved or forwarded
message will be marked for re-export.

MOVE messages by pressing <m> at the prompt.
You will then be asked to select an area to move
the message to. The original message will be
deleted if the copy operation was successful.

COPY messages by pressing <c> at the prompt.
Again you will be asked to select an area to
copy the message to. This time, the original
will not be deleted.

FORWARD messages by pressing <f> at the prompt.
You will be prompted to select the area in which
to store the forwarded message. The message
header will be displayed for editing. The
original source of the message is left intact
and two lines displaying who the message was to
and who forwarded it are added to the message
text.

COPY-AND-SHOW messages by pressing <s> at the
prompt. This is the same as copy except that a
"* Copied from ..." message will be added to the
message text.

Settings   <Alt-S>   no

Allows you to temporarily change the
configuration file defaults. The changes made
on the settings screen are active only for the
duration of the current run of the program.

Press <Space> to change the settings and <Enter>
to accept them. Pressing <Esc> will abort the
screen without accepting the changes.

If you change the origin line on the settings
screen, the new origin line will remain active
until you move to another area. This allows you
to temporarily change your origin line.

                              The Privileged, Kill/Sent and Crash flags on the
                              settings screen are the flags of the current
                              area.

        View   <Alt-V>   no

                              Toggles the display of hidden lines. This
                              overrides the default ShowNotes flag set in the
                              configuration file.

        Write Messages   <Alt-W>   no

                              Writes the message, including header
                              information, to a text file or device. If
                              written to a device, a formfeed is added at the
                              end. The default file name may be changed in
                              the configuration file.

                              You can print messages by writing them to "PRN",
                              or "LPT1". See also the "Outfile" config file
                              statement.

        Exit   <Alt-X>   no

                              This exits Msged/Q and returns you to your
                              original command shell without confirmation.

        Update read pointer   <Alt-U>   yes

                              This key sets the highest-read pointer to the
                              current message. You can use it to mark all
                              messages from the current message to the end of
                              the area as "unread".

    5.3 Entering Messages

    You can begin entering a message in one of five ways. By entering a
    new message, by replying to a message, by changing a message, by
    quoting a message and by quoting in another area. After selecting one
    of these methods, the screen is cleared and you get a chance to enter
    the header and the message text.

    5.3.1 Message Header

    When entering a new message, the only default presented is the "From:"
    line. In all other cases, the "To:" and "Subj:" lines are also
    defaulted. You can change the header using the standard cursor keys
    to move to the field you want to change.

    You may also change the attributes of the message by moving to the
    attribute line. Toggle the attributes by pressing the first letter of
    the specific attribute. If the attribute is on then it is

highlighted. If you can't see the highlighted attribute, change the
"HiLite" colour in your configuration file.

o   [A]ttach indicates that there are files attached to the message.
    The file names are listed in the "Subj:" field with a single space
    between them. Msged/Q automatically sets this attribute if the
    "Subj:" field starts with a letter, a colon and a backslash. In
    this case it also checks if the named files exist and beeps if
    they don't. File names that don't exist will be displayed in the
    warning colour.

o   [K]ill/Sent tells the message packer to delete the message after
    it's been sent. This should be used only with Netmail messages.

o   [P]rivileged indicates that the message is to be marked "Private".
    Most BBS's allow only the addressee and Sysop to read "Private"
    messages. Some mail packers will move "Private" echomail messages
    to Netmail, but rather use the <Alt-N> command to reply to an
    echomail message with Netmail.

o   [C]rash marks the message as "Continuous" mail. Most mailers will
    send crash mail directly to their destination by making a direct
    call to the destination. Be careful with this as it could cause
    other systems high phone costs.

5.3.2 Carbon Copies

Msged/Q allows you to create messages that will be sent to several
people automatically. To do this, once you've entered your message,
go to the first character in the message text and enter "CC:" followed
by the name of the first person (other than the one in the "To:"
field) that you want a copy sent to. You may enter as many names as
you like, each at the start of a new line. Only one "CC:" is needed,
and only on the first line. End your list by leaving a blank line.

All the copies of the message will be marked "kill/sent", so they will
vanish after being packed and only the original message will remain.

Sending carbon copies only makes sense for Netmail. Echomail messages
will be visible to everyone in any case.

5.3.3 Editing Message Text

Msged/Q has a complete and fast editor. It supports full word wrap
and automatic line reformatting. The cursor pad works as you would
expect it to and the keys used by the editor can be defined by the
"EditKey" configuration command. See the "EditKey" command earlier in
the manual for more information on what each function does. Here
follows a list of the default keys used for each command that aren't
otherwise obvious cursor commands.

            WordLeft   <Ctrl-LeftArrow>
            WordRight   <Ctrl-RightArrow>
            NewLine   <Enter>

```
                    DelLine      <Alt-K>
                    Anchor       <Alt-A>
                    Cut          <Alt-C>
                    Paste        <Alt-P>
                    GoEOL        <End>
                    DelEol       <Alt-D>
                    Top          <Ctrl-PageUp>
                    Bottom       <Ctrl-PageDown>
                    First        <Ctrl-Home>
                    Last         <Ctrl-End>
                    Quit         <Alt-X>
                    Abort        <Esc>
                    Tab          <Tab>
                    Shell        <Alt-O>
                    Import       <Alt-I>
                    Insert       <Ins>
                    EdHelp       <Alt-H>
                    Save         <Alt-S>
```

6. TIPS AND TRICKS

6.1 Backing Up Your Message Base

If you want to back up your message base then the simplest is to back
up MSGHDR.BBS, MSGTXT.BBS, LASTREAD.BBS, CURRENT.BBS and AREAS.KDP.
You can restore all the other index files by running "MSGPACK -I" to
rebuild the index files. AREAS.KDP contains the duplicate-checking
information and is not crucial for point systems. If you delete it,
the worst thing that will happen is that you might get duplicate
messages tossed into your message base. You can use ECHOKDUP.EXE to
delete duplicates from your message base.

6.2 Local Message Areas

You might like to create a couple of LOCAL areas, even if you're a
point so that if you find an interesting message, you can copy it in
there and you won't risk losing it by doing an accidental kill old
with MSGUTILS.

6.3 Moving Messages to another area

We would suggest that you use the Quote and Move to a different area
function whenever a message thread drifts off topic. This save a lot
on people "flaming" you and it makes things just a bit neater.

6.4 Using only CONFIG.BBS

If you are running QuickBBS and you have a CONFIG.BBS file, you might
want to prevent Msged/Q finding your BINKLEY.CFG. You can run "MsgedQ
Nul" to do this.

6.5 Quoting multiple messages

You can use the cut and paste function to quote from multiple
messages. Press <Alt-Q> to quote a message and cut out the part you
need. Then press Esc to abort the quote command and quote the second
message. Now you can use the paste command to insert the part of the
original quote and continue editing your reply. This technique can be
used to quote from multiple messages by repeating the <Alt-A>, <Alt-
C>, <Esc>, <Alt-Q>, <Alt-P> command sequence.

6.6 Combining config files

You can combine your Msged/Q configuration file with your BINKLEY.CFG,
using the Application and Include config file statements.

Msged/Q will recognize a few of Binkley's config file statements (e.g.
Address, PrivateNet). If you want to add other Msged/Q-specific
config statements to BINKLEY.CFG, you can use the "Application Msged"
or "Application MsgQ" statements. If you want to include a file of
"local" Msged/Q information, you can use "Application MsgQ Include
<filename>". This file will only be included by Msged/Q and other
programs reading BINKLEY.CFG won't include it. You can use the
"local" file to set your attribution line, message flags, message
areas etc.

7. DISTRIBUTION AND SOURCE CODE

Msged/Q is distributed as two LHARC archives, one containing the
executables, manuals and sample config files and the other containing
the source code. The xxx in the files names below stand for the
version number. The name in parenthesis after the actual file name is
the magic filename which should be used for requesting the latest
version.

o   MSGQxxxE.LZH (MSGEDQ)
    This is the normal executable version of Msged/Q with manuals and
    sample config files.

o   MSGQxxxS.LZH (MSGEDQSRC)
    This is the Msged/Q Turbo C source code.

The latest version should always be available from either 5:7105/1 or
5:7101/1 (both HST). Contact the author if you have problems finding
the files.

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ZmailQ - The Mojave Group

9. REVISION HISTORY

The following revisions were made between version 1.50 and 1.60:

-    In function closemsgbase(), if area is empty, set it's
     lastread/current to 0. This should fix the "one new message not
     marked" bug.
-    fixed bug when replying to mail with domain and no domain defined
-    add domain to MSGID if not NULL
-    fix Alt-R cutoff bug
-    Don't put out LF's in text, only CR's (saves space)
-    Don't print to screen using printf/puts (^C)
-    Keep previous filename on Alt-I and Alt-W (Peter)
-    always check message base and report if MSGINFO/MSGIDX are
     consistent
-    highlight in Alt-L in quoting colour
-    Change ^A to @ before export
-    don't quote hidden lines if not shownotes
-    Create new msgbase, fix msginfo.bbs to right size

```
        -    remove TOPT/FMPT from echomail
        -    order of kludge lines TOPT/FMPT in front and only in netmail
        -    date: last friday, yesterday etc.
        -    Delete all messages in area (Alt-G Global options)
        -    got rid of Turbo C screen module -- modes > 80x25 now work
        -    flush files after write (#define PARANOID)
        -    Alt-C:  If not shownotes, don't show hidden lines.
        -    CONFIG.BBS:  Use/Set Private/Public bit in areas
        *    Rewrote read word-wrapping totally.  Should be faster.
        -    date display format (seealso/reply -> <-)
        -    removed EIDs totally
        -    CURRENT.BBS for multi users, exactly like LASTREAD.BBS
        *    delete current message to lastread message in area (Alt-G)
        -    better support for large screen modes (you should see 132x43!)
        -    exit after new CONFIG.BBS built + auto debug mode when rebuilding
        -    use real text of MSGID for REPLY
        -    Added ^aPID line, cleaned up tearline and version numbering
        -    AltL:  fix PgUp/Dn skip lines bug.  Added Ctrl-PgUp/Dn
        *    removed enable/disable softcr, superceded by "s" flag
        *    softcr flag (s) in quick statement, softcr statement overrides
        -    Option to not use upper ASCII (#define NOIBM)
        -    More domain address things
        *    Multiple Address statements
        *    AKA flag in quick statement (1..5, ...) (aka in CONFIG.BBS)
        -    Fixed bug in userlist lookup
        *    Swap to Disk or EMS when shelling
        -    Made code compilable with JPI Topspeed C.  Possible, but tricky
        *    Config for Swapping, "enable/disable swapping" default enabled
        -    +/- on areas screen
        *    Esc aborts editing of any field, Ctrl-Y deletes line
        -    Made swapping better, now swaps much less memory
        -    Now always use USERS.BBS and add username if it is new
        -    No more PID in echomail, only in Netmail
        -    new rot13 to do lowercase
        *    Read MESSAGES.RA and CONFIG.RA if "-r" switch specified
        -    Read aka's from CONFIG.BBS
        -    Areas screen GO HOME!  Home/End
             (Below are changes after version 1.52/b)
        -    Fixed bug in Alt-G/Delete_All
        -    Aka's are also stored in CONFIG.BBS when creating it
        -    if "<" occurs before ">", don't flag a quote (for <grin>)
        -    Give error message if file create not ok (Alt-W)
        -    config "mail", "quick" can now be any case
        -    point number optional in MSGID
        -    "(last)" flag
        -    fixed movement keys in Alt-L list (good enough for now)
        -    handle huge messages (>mem) more gracefully, you can delete them
        +    added very basic internet address handling in quote functions.  If
             Alt-Q/N recognizes ^aUFGATE in echomail or "From: uucp" in
             Netmail, it scans for "From: internetaddress" in the text.  If
             found, the reply goes to "UUCP" (address is looked up in
             userlist), and "To: internetaddress" and a blank line gets added
             before the message.  Works like a charm.
        -    Fixed Alt-W header bug
```

    +   Set "local" bit for new netmail, MBUTIL EXPORT now works
    -    Fixed spurious open file in configuration section
    -    Added help message (-h switch)
    -    Replaced binidx procedure with formally derived and proved
         algorithm
    -    New "-uUser_Name" switch to override user name
    -    New "-p" switch to give simple netmail protection
    -    Incorporate FC's Msged/DB changes