olr

COLLABORATORS

	TITLE : olr		
ACTION	*NAME*	*DATE*	*SIGNATURE*
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Contents

Chapter 1

olr

1.1 olr.guide

                OLR
***

   IceOLR is an off-line reader program for the message bases (1) that
IceTERM and IceBBS create. IceOLR allows you to read, post, reply to,
search for, and delete messages in a local copy (2) of the message
bases that interest you. You update these message bases with the
IceTERM program's batch SIGs tool. IceTERM is a special communications
program designed for use with bulletin board systems running IceBBS
software. This manual describes the features of IceOLR programs up to
version v27, the IceTERM program is described in a separate manual.

   A printed version of the IceOLR and IceTERM manuals is available
from the Author (see
                Direct updates
) and may also be available from
your local Amiga Dealer, IceBBS sysop, or Amiga Users Group. This 120
page manual includes about 25 figures as well as this text and is
printed in a small book format (5x8 inch pages) and coil bound for ease
of reference.

                Copying
                        IceOLR is freely distributable

                Introduction
                        What is IceOLR?

                Quick start
                        Setting up quickly

                Trouble shooting
                        Common ailments and their cures

                Using the reader
                        General directions

---------- Footnotes ----------

(1) Also called SIGs, for special interest groups.

(2) That has been downloaded onto your Amiga.

1.2 olr.guide/Introduction

Introduction
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   IceOLR is a replacement for the previous READ and AGE tools (1). It
features a similar user interface, but the message bases are stored in
a more efficient format. With IceOLR a user can read messages he
downloads with the batch SIG tool in IceTERM, as well he can reply to
messages and post new messages. These new postings will be
automatically uploaded to the BBS and placed into the correct SIG when
the batch SIG function is next used.

   ---------- Footnotes ----------

   (1) These were tools for the old style IceBBS message base which
was replaced by the current message base to address a number of
performance and features issues. There were two other readers for this
old message base: GPReader and VBBSReader, these cannot be used with
the new message base.

1.3   olr.guide/Quick start

                     Quick Start
****

    IceOLR is intended for use both by the users of a IceBBS system and
by the sysop of that system. IceOLR is intended to be used from the
WorkBench by double clicking its icon.

               Configuring
                      Basic icon setup

               The buttons
                      A quick look at what those buttons do

1.4   olr.guide/Configuring

                     Initial configuring of IceOLR
============================

    IceOLR is configured by editing the various tool types in its icon.
The following are the basic tool types (see
                 Tool types
                  for the complete
set) that must be configured first:

    USER=
    MESSROOT=
    KEEPFILE=

as these tell IceOLR what your name is (for postings and replies), where
your messages are put by IceTERM and where the file is that you like to
keep interesting things in. All the rest may be safely left out of the
icon.

    If you are a sysop you will also want to include the SYSOP flag tool
type, as this is what tells IceOLR to look for your s:vbbs.newsigs file
and use it to locate the SIGs. Also, as a sysop you need the MESSROOT
tool type as it is used to store your kill lists in.

1.5   olr.guide/The buttons

An overview of the buttons
==========================

    A lot of people seem to suffer button shock when they start IceOLR

and see the number of buttons in the control panel. There really is no
reason to be afraid, IceOLR has a lot of functionality, and with that comes
a lot of controls.

     Important: because of the above button shock there are now two
versions of the control panel which you can choose between.

     The basic idea behind the layout of the buttons is to keep the most
used buttons towards the left and top. This was done so that those who
are tight on screen space can reduce the size of the window (obscuring
the least used buttons which are on the bottom rows and the right edge).

     The most used buttons are the << and >> ones, in the upper left
corner. These let you read fowards and backwards in a SIG by posting
date. This is equivalent to a non-threaded read fowards or backwards
function on most other systems. If you use these buttons to read you
will always get to see all the new messages. Below these are two
buttons which will popup windows that allow you to move to a specified
message (by date, author name, subject, or a search string) so that you
can read from there, and a window that you can use to jump to a
particular SIG directly by clicking on its name. IceOLR will remember
the latest message you were reading and will automatically place you
there when you change SIGs.

     The next cluster of buttons is the Prev, Next, Parent, Child group.
This set of messages is used to allow you to do threaded reading, note
that since there is a separate set of buttons for non-threaded and
threaded reading. You can intermix the two as you find appropriate.
For example you might normally use >> to read all new messages in the
order of posting, until you find a reply to an old message that you
want to re-read, so you then click on the Parent button to take you to
the original message, and to get back you use the Child button. In
other words a reply is a child of some other message (said to be the
parent message).

     Since a single parent message can have several children (and it is
very useful to be able to browse all the children of a particular
parent), the Prev and Next buttons are provided. These move you in a
loop through all the children of a particular parent.

     Note that a child message can also have children, this is what
happens when you reply to a reply (a child) instead of to the original
posting.

     The Subscribe button allows one to select the SIGs you wish to
subscribe to. This is a good way of limiting your on-line time, and of
improving the signal to noise ratio: subscribe to just the SIGs that
you are really interested in. In order to make IceOLR only show you the
subscribed SIGs list you need to click on the All button, which will
then change to Sub. Note that you can make this button appear in this
new state by default if you use the Snapshot menu item to save the
configuration to the IceOLR icon.

     The last button in this zone is the New and Manual mode selection.
If you are in manual mode IceOLR will only track changes to your high
message read counter that are made by moving with the Prev, Next,
Parent and Child buttons. In new mode it tracks changes made by

the >> and << buttons. It makes most sense to leave this button set to
New.

    The next two columns contain the Post and Keep buttons, for posting
new messages into the current SIG and for keeping a copy of the current
message and header in your keep file. The lower portion of these two
columns is devoted to the kill filters.

    IceOLR (and the on-line reader) provide two kill filters which you
can use to screen out messages from certain people or about certain
topics. The filters are enabled by clicking on the Auth or Subj
buttons. You can add the author or subject of the currently displayed
message to a kill filter by clicking on either (or both) of the two
Kill buttons, the Kill button above the Auth button will add the
author to the kill author list. The two Edit buttons are provided so
that you can resurrect authors and subjects that you previously killed.

    The Reply button allows you to enter a reply to the current message,
it has a number of optional features which are set by the buttons below
it. The bottom button allows one to select whether IceOLR will
automatically quote the original message, add a header to the top of
the message with the original author's name and date of posting, do
both or not do anything at all. The > button allows you to specify a
custom message quoting string and the – button allows you to specify a
custom message header. All of these settings can be saved in the icon
by using the Snapshot menu item.

    The last column contains a number of miscellaneous functions. At the
top are the Move and Delete buttons, Move is ghosted in the user mode
of IceOLR (it is available in sysop mode) and allows the sysop to move
messages from one SIG to another. The Delete button is used to mark a
message for deletion, such a message can be undeleted by clicking
Delete a second time. Messages that are marked as deleted are
removed during the trim phase regardless of their age.

    The BBS button is used to select the BBS you wish to read messages
from (in the happy event that there are several systems running IceBBS
in your neck of the woods).

    The PERM button is used to mark a message as being permanent, once
this is done it cannot be deleted with the Delete button and will
survive trimming. You can use this to save messages in your SIGs files
for future reference.

    The TRIM button is used to perform a trim of all your SIGs in all the
BBSs on your system. Clicking on TRIM starts the process and it shows
its progress via messages in the control window's title bar. TRIM is
ghosted in sysop mode.

    The last button: Net, is used to enable display of network specific
information, the IceBBS system normally keeps this information hidden
but it can be useful to sysops for a debugging tool.

1.6   olr.guide/Trouble shooting

                   Trouble Shooting
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   This section contains a number of problems commonly encountered with
IceOLR and their solutions.

                       Missing SIGs
                            The list of SIGs is incomplete

                   Control panel too large
                    There are too many buttons here

1.7   olr.guide/Missing SIGs

I can't see all the SIGs
========================

   There are two possible causes of this problem. The first is the
setting of the SIG list mode button. In order to read all the SIGs you
need to set the button that is marked Sub to All. If the SIG list (as
shown by the Goto SIG button is still too small then your master copy
of the SIG list needs updating. To update it you need to log into the
BBS and then hit the Sigs button, read a message and then close the
on-line reader. The master SIG list will now be up-to-date.

1.8   olr.guide/Control panel too large

The control panel is too large
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   IceOLR has four different versions of the control panel. There is a
brief version (with a reduced number of buttons) and a full version
(with the complete set of buttons). Both of these button sets are
available in a horizontal and vertical arrangement, which makes four
different control panels. Select the arrangement that suits your needs
the best and save it in the icon.

   To address this user interface issue future versions of IceOLR may
be written in MUI.

1.9   olr.guide/Using the reader

Using the reader
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   IceOLR is controlled via the buttons in the control panel, keyboard
equivalents to these buttons, scroll bar gadgets and the menu.

          The buttons
           gives an overview of the most often used buttons, this
chapter gives an in-depth explaination of each function, the functions
are presented in the order that they are likely to be first used.

          Window positioning
            Customizing window layouts

          The BBS
                        Selecting the BBS to read messages from

          Subscription
                    Selecting the SIGs you want to read

          All-Sub
                        To read all the SIGs or just your subscription

          Reading new
                    Reading new postings

          Reading threaded
                Threaded reading to explore a topic

          Searching
                    Searching for particular messages

          High counter
                    Remembering what you read last

          Posting
                        Entering a new message into a SIG

          Replying
                        Entering your comments on an existing message

          Quoting
                        Aids to cite the original message

          Changing SIGs
                How to move between the SIGs

          Kill filters
                    Filtering out messages by author and subject

          Private
                        Replying to a message in private

          Moderator functions

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                         Extra controls to maintain a SIG

                   Keeping
                                Ways of saving useful messages

                   Triming
                                Freeing up disk space, removing old messages

                   PGP
                                  Using PGP with IceOLR

   IceOLR initially opens two windows on the WorkBench screen (1). One
of these is a text display window where the text of the current message
is displayed for you to read and the other is a control panel that
provides the additional buttons you need to use the SIGs system.

   ---------- Footnotes ----------

   (1) It can open its own custom screen if the appropriate tool types
have been set, see
                Custom screen

1.10 olr.guide/Window positioning

                Arranging the windows
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   IceOLR, like IceTERM, contains a Snapshot menu item which is used
(1) to record the positions and sizes of the currently opened IceOLR
windows so that when IceOLR is run again the current layout will
reappear. The actual snapshot information is written into the IceOLR
icon, for detailed information on the individual snapshot settings see

                Tool types
                .

   ---------- Footnotes ----------

   (1) Like the Snapshot function of the WorkBench's Icons menu.

1.11 olr.guide/The BBS

                IceOLR allows you to read messages from several IceBBS systems. ←
                     You
need to select the BBS you are wanting to read messages from first.
There are several ways of doing this:

   * The BBS button will open a list of the BBS systems to which you
     have connected, you can choose the BBS you want to read messages

from by picking its name in the list,

* You can hit the >> button until a message appears, this message
  will be the first new message in the first SIG of the first BBS
  that is in your system,

* If you have a preferred BBS that you want to read whenever IceOLR
  is started you can place its name in the icon with the BBS tool
  type (see
              Tool types
).

1.12   olr.guide/Subscription

Subscribing to SIGs

   About the first thing you should do when you add a new BBS to your
system is to select the SIGs you wish to subscribe to on that BBS (that
is the ones you will be reading on a regular basis). To do this click
on the Subscribe gadget and a pair of list windows will appear.

   In one window is a list of all the SIGs that are available on the
current BBS, in the other is the list of SIGs that you are currently
subscribed to. By clicking on the SIG names you can add new SIGs to
your subscription list and remove unwanted ones from it. When you have
finished changing your subscription, click on the close window gadget
of one of the SIG list windows and a confirmation requester will appear
to check that you want to save the changes.

   Remember there is a separate subscription list for each BBS that you
call and use the batch SIGs function on. The subscription list you
edit with IceOLR will be used by the batch SIGs function of IceTERM to
determine which SIGs to update. Occasionally you should open the SIGs
tool (as opposed to the batch SIGs tool) on each BBS to get an
up-to-date copy of the list of all the SIGs on each BBS. If you find a
SIG has gone dead it could be that the sysop has dropped it from his
BBS.

1.13   olr.guide/All-Sub

              All or subscribed

   Once you have subscribed to the SIGs you wish to read you can read
just those SIGs by making sure the subscription mode button says Sub
instead of All. The state of this button can be saved for future
sessions by snapshoting (see
              Window positioning

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                ) the window.
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1.14   olr.guide/Reading new

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                 Reading new messages
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   Reading messages is generally accomplished by using the two buttons
marked: << and >>, which take you to the previous and next message
(respectively) in the chronological order of posting. Note that these,
and the other buttons, can be bound to keyboard equivalents of your
choice (see
                 Keyboard
). Normally one clicks on the >> button to read
all the new postings in a SIG, when the last message has been read the
next click on the >> button will take you to the next SIG. Which SIG
this is depends on whether you are in the read all SIGs (the All
button) or read only subscribed SIGs (the Sub button) mode. Most users
will configure the on-line reader to the read subscribed SIGs mode.

1.15   olr.guide/Reading threaded

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Reading threaded
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   There is also a fully threaded message read facility available. This
is accessed by the buttons marked: Prev, Next, Child and Parent. This
may be used at any time, even while reading messages with the << and >>
buttons. In fact, the threaded read is perhaps most useful when you
need to step backwards through the messages which led to a particular
reply.

   The BBS maintains several links between messages. When a new message
is posted to the BBS it is entered into a particular SIG as an isolated
(1) message. This message remains isolated in the SIG until someone
decides to reply to it. At this point the new reply is entered into
the SIG as a new message and is linked (threaded) to the original
message that it was a reply to by the parent and child links. Now the
original posting's Child button will no longer be ghosted; and when
pressed, will take the reader to the first reply to it. Conversly the
reply's Parent button will not be ghosted; and when pressed, it will
take you to the original posting that prompted the reply.

   If any additional replies are made to the original posting their
Parent buttons will all point back to the one original message.
However, the Child button on the original message will still only
points at the first reply. To see the other replys to the original
message you use the Child button to go to the first reply and then use

the Next and Prev buttons to look at the rest of the replies. All the
replies to the original message are linked together in a ring, so by
pressing the Next message button one sees the replies in the order of
posting (from oldest to newest); while by using the Prev button one
sees the replies in the reverse order of posting (from newest to
oldest).

    All the original postings in a SIG are also linked togeather in a
ring by the Next and Prev buttons. Effectively the messages created by
posting (rather than replying) form the backbone of the SIG and the
messages created by replying to other messages form the ribs and meat
(2) attached to this backbone.

    Now what happens when someone replies to a message that is itself a
reply? In this case the new reply is entered as a child of the
original reply. So when you are reading the original reply you will
find that both its Parent (which takes you to the original posting) and
its Child buttons are unghosted. Now, if you click on the Child button
you will be taken to the first reply (possibly the first of a chain of
replies) to this message. At this lower level the Parent buttons take
you back to the original reply.

    The buttons in the control panel ghost and unghost as you select
different messages to read. The state of these buttons act as extra
visual clues about the message. For example:

  * If the Parent button is ghosted it means that this message is not
    a reply to any other message, since it has no parent. This means
    that it is either an original posting or it is a reply to a
    message that has since been removed from the BBS (3),

  * If the Parent button is not ghosted it means that this message is
    a reply to some other message on the BBS. If there are any other
    messages that are replies to that same message then you can read
    them too by using the Next and Prev buttons,

  * If the Child button is ghosted then there are no replies to this
    message,

  * If the Child button is not ghosted then there are replies to this
    message and you can read the first of them by clicking on the
    Child button and any additional replies can then be read by
    using the Next and Prev buttons.

    Feel free to browse the history behind interesting messages by
backing up to them by either using the Parent or Prev buttons as
appropriate. When you have obtained the information you needed you can
resume reading new messages by pressing the >> button. This system was
designed to allow a free mixture of threaded and sequential reading to
increase the usefulness of a BBS as a message exchange system.
Additional features, like the ability to mark key messages as
permanent, delete junk messages and to search for keywords, also serve
to further this goal.

    ---------- Footnotes ----------

    (1) Despite the term isolated, the message can still be read by

using the normal non-threaded read, or by doing a threaded read along
the root (posting) level of messages in the SIG by using the Next and
Prev keys.

   (2)   Of course if you are vegetarian you might use the classical
tree analogy where the messages created by posting form the trunk of
the tree and the replies form the branches and leaves.

   (3)   Every so often the BBS trims the message bases by removing old
messages and ones that have been deleted by the moderators, when a root
posting is removed any replies to it become orphaned and are thus
elevated to posting status (that is they are linked into the backbone
chain of the SIG and their parent pointers will be ghosted).

1.16   olr.guide/Searching

Searching for a message

   On top of the message browsing buttons described previously some
additional message locating tools are accessed through the Goto Msg
button. Clicking on this opens another mini-control panel containing
buttons that can be used to go to the first message posted after a
particular date and time or to search for messages containing the given
text in the subject, author or even message body. The go to message
window can be left open all the time, or opened and closed as needed.
It always locates messages within the currently selected SIG, so to
search several SIGs for the same thing you will need to open the Goto
SIG window as well and use both windows.

   To go to a message posted after a particular date or time you use the
buttons in the top half of the go to message window. The buttons with
the + in their label increase the target date (move it towards the
future) and the buttons with the - in their label decrease the target
date (move it towards the past). You adjust the date you are looking
for by clicking on these buttons until the date that is displayed looks
right and then you hit the Go button and the message reader will take
you to the first message posted on or after the date and time you have
specified. This has been set up in this fashion since one often seems
to think in terms like I saw something like that a few days ago...

   The go to message window also contains a pair of buttons marked First
and Last. These are used to move you to the very oldest message in the
current SIG, or the newest respectivly. No date or search string need
be entered, just hit the appropriate button.

   The go to message window also provides the ability to locate messages
by a case insensitive search of their contents. These contents include
the full message itself, the subject and the author lines. To use this
feature you hit the Search button and a text string entry gadget will
appear. Type the string of characters or even phrase you want to
search for and hit return. Now the search text has been set you can
search for a message containing that text either previous to the
currently displayed message by clicking on the < button or following the

current message with the > button. Clicking on these buttons a second
time will move you to the second message in which the search string
occurs, and so on.

1.17   olr.guide/High counter

The high message counter

   There is a button that selects between New and Manual. In practice
this is seldom used, in fact its only real use is when you quickly want
to set your high read mark pointer (the counter that tells the BBS what
the most recent message you have read in a SIG is) manually to skip
over a bunch of messages. To do this you set the button to Manual mode
and then use the Prev or Next buttons to go to the end of the SIG (or
better yet use the Goto Msg button to select today's date and go to
it). If the gadget is set to the New position then only the >> button
will affect the high read mark location. This is so that if you happen
to follow an interesting thread of replies forward in time, while
reading new messages, you don't skip over any new messages that do not
happen to be in that thread. Sound confusing? Don't fret, just leave
the button set to the New position all the time and all will be well.

1.18   olr.guide/Posting

                    Posting a message

   To post a new message of your own into a SIG all you need do is to
click on the Post button. When this is done IceTERM will start up the
editor you have specified with the EDITOR tooltype (see
                    Editors
). You
enter the text of your message into the editor and when you are done
you save the file (IceTERM has already given it a name) and exit from
the editor. A requester will now appear on IceTERM's screen asking you
if you really want to post this message, and if you still do, click on
the Yes button. IceTERM will then proceed to ask you for the subject of
your posting and the name of the person it is addressed to. Once these
questions have been answered the message will be sent to the BBS and
entered into the current SIG as the most recent message.

1.19   olr.guide/Replying

                    Replying to a message

    To reply to the current message click on the Reply button. When this
is done IceTERM will start up the editor you have specified with the
EDITOR tooltype (see
                Editors
) and preload the editor's buffer with the
message you are replying to. You can enter the text of your message
into the editor and even include bits of the original message to help
clairify your thoughts. When you are done you save the file (IceTERM
has already given it a name) and exit from the editor. A requester
will now appear on IceTERM's screen asking you if you really want to
post this reply, and if you still do, click on the Yes button. IceTERM
will then proceed to ask you to supply a new subject for your reply if
you want the subject to be the same as the original message just hit
return, otherwise enter the new subject. Unlike the posting of a new
message IceTERM will not ask you for the name of the person it is
addressed to, as a reply is assumed to be addressed to the author of
the message being replied to. Once these questions have been answered
the message will be sent to the BBS and entered into the current SIG as
the most recent message and will be chained onto the list of replies to
the original message.

1.20   olr.guide/Quoting

Message quoting

    When replying to a message you can choose to have the message
pre-quoted before it is loaded into the editor. To do this you use the
> and the - buttons. These two buttons allow you to edit the string
that is inserted at the begining of each line to quote the message and
to customize the line at the begining of the message that states who
the original author was and on what date he made the posting. There is
an additional multi-state button that selects between None, Quote,
Header and Both. These modes specify:

    *   None no quoting or header is to be done,

    *   Quote only the quoting of each line is to be done,

    *   Header only the author/date header is to be included,

    *   Both both the header and quoting of each line is to be done.

1.21   olr.guide/Changing SIGs

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          Changing SIGs
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   From time to time you will want to change the SIG you are reading.
O{No Value For "LR"} does this for you automatically when you reach the
end of new messages and hit the >> button a second time. In this case it
switches to the next SIG in your list of SIGs (see

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          All-Sub
          ) and
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positions you at the last message you read in that SIG (for
continuity). Hence, by just clicking on the >> button you will
eventually read all the new messages in all the SIGs you are interested
in.

   There are three other buttons in IceOLR's control panel that allow
you to move around the SIGs. These are the Prev SIG, Next SIG and Goto
SIG. These all work with the currently selected list of SIGs (see

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          All-Sub
          ).  The Next SIG takes you down the list one SIG, the Prev SIG
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button takes you up the list one SIG, and the Goto SIG button opens a
window containing the names of all the SIGs in the list and allows you
to go to a SIG by just clicking on its name.

1.22   olr.guide/Kill filters

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The kill filters
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   IceOLR also sports a kill filter system. This allows you to save
time by preventing the BBS from sending you messages that have subjects
or authors which are listed in your kill filters. There are 6 buttons
to control the message system's two kill filters. They are arranged in
two columns: on the left are the buttons for the author killer and on
the right are the buttons for the subject killer. The Kill button (in
either column) is used to add the current message's author or subject
to the kill filter that column controls. The Edit button is used to
review your kill filters and to remove any unwanted kill entries so you
can see those subjects or authors again. The Auth and Subj buttons are
toggle gadgets that are used to enable and disable the kill filters
(which you can do at any time). The names and subjects in your kill
filters are stored in your MESSROOT tool type and when you open the
on-line reader, or when you add another subject or author to the kill
filter or when you edit a kill filter the kill filters will be sent to
the BBS. The BBS then will screen out messages that match the
activated kill filters and on those messages it only has to transmit
the header across the phone lines (so the threading information is
still valid). You save time because the body of the killed message is
not transferred.

1.23   olr.guide/Private

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Private replies
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The Private button is not currently implemented but is intended to
be used to mark a reply or posting as private to the addressee for
those networks like FidoNet which support private messages within a
public conference area. I emphasise the word private because in these
public networks the only way to ensure that your message is read only
by the intended addresse is to send it in encrypted form (1).

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---------- Footnotes ----------
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(1)   See the IceTERM manual regarding the use of PGP for encryption.

1.24   olr.guide/Moderator functions

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Moderator functions
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Currently the moderator functions do not allow a moderator to make
changes to the BBS SIGs while off-line. In the future this may be
implemented. What these functions do at the moment is to allow IceOLR
user to modify his local copy of the SIGs, but the modifications he
makes will in no way affect the BBS.

The Move button is used to move the current message from this SIG
into another SIG. When you click on the button a list of all the SIGs
on the current BBS will appear, you can then select the name of the SIG
you want this message moved to.   IceOLR will then copy the message over
to the new SIG and will mark it as deleted from the current SIG. If you
wanted to copy the message into the new SIG but leave it in the current
SIG as well, all you have to do is undelete it now by clicking on the
Delete button to restore it.

The Delete button is used to delete a message from a SIG. This can
be used to remove messages that you do not want to keep. To delete a
message just click on the Delete button. The message is not physically
deleted from the SIG until the next time that the Trim button is hit;
and so, until the trimmer runs the message may be restored by clicking
on the Delete button a second time.

The Perm button is used to mark a message as being permanent. This
helps to improve the usefulness of the SIG system as a reference tool
by marking useful messages as permanent. Then when the message trimmer
runs it will leave them alone, but age out the less-useful messages
that were not marked as permanent. Note that to make a message
deletable again (a permanent message cannot be deleted by the Delete
button) you just click on the Perm button a second time.

1.25   olr.guide/Keeping

                    Keeping messages

   There are several ways of saving interesting messages for future
reference. The Keep button in the main control panel or in the bottom
border of the scrollable text window that is displaying the message can
be pressed. When this is done the current message will be appended to
your keepfile (as defined by the KEEPFILE tool type, see
                    Tool types
).

   The other way of saving the message is to use the Perm button to
mark it as permanent. This way the message will be kept in the SIG and
will be accessible via IceOLR. It will not be deleted when the Trim
button is used.

1.26   olr.guide/Triming

                    Pruning the message databases
=============================

   The message trimer (activated by the Trim button) is used to free up
your disk space by removing old, deleted or read messages. It has
several controls that may be adjusted through the tool types (see

                    Tool types
). The most important of these is the one that selects how
triming is to be done. This is the:

     TRIMREAD

tool type. If this is present then only the messages that have been
marked as read or deleted will be trimed. If this is not present then
the trimer will delete any messages that are marked as deleted as well
as any messages that are older than the age you have set with one of
the following tool types:

     TRIMDAYS=
     TRIMHOURS=
     TRIMMINS=
     TRIMSECS=

   The trimer has two ways of actually packing the message bases down to
return the free space, one is an in-place pack (which is slower but
takes no extra disk space) the other (the default if in-place is not
specified) is faster but takes up some extra space for temporary files.
To turn on the in-place packing you include the:

     INPLACE

tool type in the IceOLR icon.

    Normally IceOLR recovers its space one SIG at a time by creating an
pair of temporary files what contain just the messages to be saved,
then it deletes the original files and renames the temporary files to
the name of the original files. The problem with this process is that
it can require quite a bit of extra space in the MESSROOT directory.

    If the INPLACE tool type is present then all the old messages and
deleted messages will be removed, and all the remaining messages will
be packed down to the start of the files. Hence the in-place name. The
files still remain the same size, but they will contain a bunch of
free-space which the batch SIG downloader will make use of. This
method uses no extra disk space but will run a bit slower than the
default method. It has been reported that the in-place mode sometimes
causes problems by filling the entire disk... if this happens to you,
remove the INPLACE tool type for a few trims.

1.27   olr.guide/PGP

Using PGP with IceOLR
=====================

    IceOLR provides some support for PGP (1). Three PGP functions: a
way to add keys to your key ring, a way to test clear signed messages
to see if they come from the owner of the key and to see if they have
been tampered with, and a way to clear sign the messages and replies
that you post are supported.

    To use these features you will need PGP 2.2 or higher installed on
your system and add a PGP= tool type to your IceOLR icon. The tool
type is required for IceOLR to be able to fund and run PGP. You should
include the full directory path as well as the name of the PGP program,
for example:

     PGP=dh0:bin/pgp

    If you encounter crashes while using PGP you might want to try
adding the STACK= tool type to the IceOLR icon, for example:

     STACK=40000

the default setting is 20000 bytes.

    There are two IceOLR buttons: Test and +Key. The Test button is
used to test the current message (if it is a clear signed PGP message)
to see if it comes from the author and is not a fake. Note that you
need to have the author's key on your keyring for the test to take
place, PGP will tell you if it could not find the key. The +Key button
is used to tell PGP to search the current message for public keys and
if it finds any to add them to your keyring.

    The post and reply functions have a third button added to the Do you

want to Post this message? requesters. This is the PGP sign it?
button, if you hit this then PGP will be used to sign the message (it
does a pgp -sta +clearsig=on command) so that other readers of the
message can test it to ensure that it really does come from you and
that it has not been tampered with.

   Added the auto-highlighting of quoted text. To enable this feature
you need to include a tooltype like:

   AUTOQ=2

   the number tells the system how many characters must match to detect
a quote, 2, 3 or 4 are good numbers.

   ---------- Footnotes ----------

   (1) PGP is the Pretty Good Privacy encryption program that uses RSA
public key technology. this software package is freely distributable
and versions of it are available for a large number of platforms.

1.28   olr.guide/From the CLI

From the CLI
****

   The syntax of the command is:

     IceOLR [switch switch ...] [signame signame ...]

ie. a number of switches (any or none of which may be present) followed
by a number of SIG names. If any SIG names are present then only those
will be selected for reading, if none are present then all SIGs will be
selected for reading.

   Note the CLI interface is really intended for use by sysops, so all
its features may not work in user mode...

   IceOLR may be started from the CLI, in which case it looks first for
an IceOLR icon in the current directory, then the S: and then the C:
directories. If it finds one it will load the tool types from it and
then it will scan the CLI command line and load any of the switch
settings specified. These may include:

-s

     read news as a sysop, requires the S:VBBS.NEWSIGS file,

-e

     selects the editor the user wants to use,

-k

     specifies the name of the keepfile, -kKEEPFILE is default,

-f

     selects the font to use (ie. -fpearl.font),

-F

     selects the size of font to use (ie. -F22),

-h

     selects the height of the custom screen (-h400 is default),

-t

     specifies directory to use for temporary files,

-w

     selects the width of the custom screen (-w640 is default),

-u

     specifies the name you wish to use on postings and replies.

1.29 olr.guide/Tool types

                 Tool types
****

   IceOLR includes a Snapshot menu item, when you select it the
positions of all the windows and state of all the gadgets will be
written to the icon as additional tool types. Note that you should
close the WorkBench window that the IceOLR icon is in, otherwise some
of the tool types will not get written due to competition for the icon
with WorkBench.

   There are some additional tool types that must be manually set in
addition to those that are set by the Snapshot menu item.

   This chapter documents all these tool types. The tool types are
grouped according to function, if you need to find documentation on a
specific tool type use the tool types index (see
                 Tool types index
).

                  Tool type rules
                     The rules of tool type syntax

                  Custom screen
                     Running IceOLR on a custom screen

                  Keyboard
                     Customizing the keyboard to your liking

                  Editors
                     Specifing your favourite editor

                  WBHACK
                     Simulating public screens under AmigaDOS 1.3

```
                      Default BBS
                                Which BBS do you want IceOLR to start with?

                      Trim control
                              Controlling the message trimer

                      Fonts
                                      Selecting other display fonts and character sizes

                      Sysop tool types
                         For sysops only

                      Control panel
                            Selecting the control panel type

                      Signalling
                              Adding audio and visual feedback

                      User name
                                  Specifying your user name

                      Temporary files
                           Where are temporary files kept?

                      The message base
                          Where are the message base located?

                      Keeping messages
                          Saving interesting messages

                      Window dressing
                           Specifing a window layout

                      Quoting messages
                          Customizing message quoting

                      Reading control
                            The SIGs and order of reading

                      Kill filter control
                       Controlling the kill filters

                      Auto quoting
                              Highlighting quoted text

                      PGP controls
                              Tool types to support PGP encryption
```

1.30   olr.guide/Tool type rules

```
                  Tool type syntax
================
```

When documenting the parameters that a tool type can be set equal to
the following symbols are used:

NUM
     This indicates that a number consisting of the digits 0, 1, 2,
     ..., 9 should be used here. If you specify a number that is too
     large or too small IceOLR is likely to limit it to prevent damage
     (but there might be some places where I have forgotten this range
     checking),

HEX
     Enter a three digit hexadecimal number here (one containing the
     numbers 0, 1, 2, ..., 9 and the letters A, B, C, D, E, and F. The
     first hex digit is the red value, the second is the green value,
     the third is the blue value,

STRING
     Enter a string of characters here, spaces will be included so you
     should be carefull not to add any extra spaces to make things more
     readable or pretty,

FILE
     Enter the name of an AmigaDOS file here, usually including the full
     directory path to it,

DIR
     Enter the name of an AmigaDOS directory here, usually including the
     full directory path to it,

K
     Enter the label of a key on the keyboard here, this should be the
     symbol that is printed on the key in the unshifted position, so for
     the % key you enter a 5 not a %,

|
     If a tool type takes several parameters, some of which probably
     will be optional, then you need to separate them with the |
     (vertical bar) character. Note you should not put spaces around
     the | characters,

QUAL
     This specifies that a keyboard shift key (a qualifier key) can be
     named here, IceOLR understands the following qualifier key types:
     SHIFT
          One of the two SHIFT keys should be pressed,

     ALT
          One of the two ALT keys should be pressed,

     CTRL
          The control key (between the left shift and tab keys) should
          be pressed,

     AMIGA
          Either of the two Amiga keys should be pressed (don't press
          both of them, you'll be only a control key press away from a
          reboot),

NUM
        The key must be on the numeric keypad.

BUTTON
     Enter the name of one the control panel's buttons here. Note that
     some of the buttons have a slightly different name for tool type
     purposes, see
               Keyboard
                for the full list.

1.31   olr.guide/Custom screen

Running IceOLR on a custom screen
=================================

    If you want IceOLR to run on its own custom screen you need to
specify at least one of the following tool types:

SWIDTH=NUM
     the width of the custom screen to be used,

SHEIGHT=NUM
     the height of the custom screen to be used,

SDEPTH=NUM
     the depth (number of bitplanes) the custom screen is to use,
     normally this should be 2 which gives you 4 colours,

PALETTE=HEX
     there can be several of these tool types, each one specifies a
     custom colour for the custom screen.

    Additionally the appearance of the text and button labels within
IceOLR can be changed by specifing a different value for the text pen
colour tool type, whose syntax is:

     TEXTPEN=NUM

Where NUM is the number of the colour palette register that is to be
used for drawing text. Valid numbers include 1, 2 and 3. On AGA
equipped Amigas numbers as high as 255 may be used (if you are running
IceOLR on a 256 colour WorkBench). The colour palette 0 (zero) is to
be avoided as it is generally the pen used for the background colour of
windows; and hence, will make your text appear invisible.

1.32   olr.guide/Keyboard

                     Keyboard equivalents for buttons
================================

    The KEY tool type allows you to specify which button on the control
panel is to be pressed when you hit a given key on the keyboard. This
allows you to build a keyboard layout to suit your own taste, perhaps
mimicing another message reader you commonly use. The syntax for this
tool type is:

        KEY=K|BUTTON[|SHIFT|ALT|AMIGA|CTRL|NUM]

Where K is the letter printed on the key, BUTTON is the name of the
IceOLR button that the key is to activate and the qualifiers (SHIFT,
ALT, AMIGA and NUM) are optional. Any qualifier keys that are
listed in the KEY tool type indicate the shift keys that must be
pressed at the time the named key is also pressed for the IceOLR button
to actually activate. Note that IceOLR considers the left and right
ALT, AMIGA and SHIFT keys to be the same. The NUM qualifier means
that the key must be part of the numeric keypad, so 9|NUM and 9 mean
the nine on the keypad and the nine on the top row of the main
keyboard, respectively.

    There are some keys that are difficult to program this way. The main
three are the RETURN, backspace and ESC keys. These can only be
entered (1) if the string filter mode of the IControl preferences
editor is turned off. To enter the RETURN key you must press the CTRL
and M keys at the same time (ie. CTRL-M). To enter the backspace key
code you must press the CTRL and J keys at the same time. The ESC key
can be entered directly once the string filter mode has been turned off.

    The various OLR button names that can be entered into the tool types
are normally copies of the labels on the buttons, for completeness here
they are:

<<
     Read the previously posted message. This is follows messages in
     their order of posting without regard to threading.

>>
     Read the next message in the SIG. This follows messages in their
     order of posting without regard to threading.

GOTOMSG
     Open the go to message window so that you can find particular
     messages by their positing date or a search on their contents.

GOTOSIG
     Open the go to SIG window so that you can move to a particular SIG
     by clicking on its name.

SUBSCRIBE
     Open the current subscription and all SIGs lists for the currently
     selected BBS so that you can change your subscription.

PREV
     Go to the previous message. This is a threaded reading command.

See

>   Reading threaded
>   for more information on the threaded read

commands.

NEXT
    Go to the next message. This is a threaded reading command. See

>   Reading threaded
>   for more information on the threaded read

    commands.

PARENT
    Go to the parent message (the message to which the current message
    is a reply). This is a threaded reading command. See

>   Reading threaded
>   for more information on the threaded read

    commands.

CHILD
    Go to the first child message (the first reply to the current
    message). This is a threaded reading command. See

>   Reading threaded
>   for more information on the threaded read

    commands.

PREVSIG
    Go to the previous SIG in the current list of SIGs. The SIG list
    can either be the list of all the SIGs or the subscription list
    (this depends on the setting of the All or Sub button, see

>   All-Sub
>   )

    on the current BBS. If the current SIG is the first SIG in the list
    then IceOLR will attempt to change to the previous BBS.

NEXTSIG
    Go to the next SIG in the current list of SIGs. The SIG list can
    either be the list of all the SIGs or the subscription list (this
    depends on the setting of the All or Sub button, see

>   All-Sub
>   ) on

    the current BBS. If the current SIG is the last SIG in the list
    then IceOLR will attempt to change to the next BBS.

THREAD
    This toggles the button that is marked either Thread or Manual
    (see

>   Reading new
>   ).

ALLSUB
    This toggles the button that is marked either All or Sub (see

>   All-Sub
>   ).

POST
      This activates the Post button to enter a new message into the
      current SIG (see
                  Posting
).

REPLY
      This activates the Reply button to enter a new reply to the
      current message in the current SIG (see
                  Replying
).

PRIVATE
      This activates the Private button to enter a new reply (that is
      marked as private) to the current message in the current SIG (see

                  Private
).

KEEP
      This actives the Keep button to save the current message in your
      keep file (see
                  Keeping
).

KILLAUTH
      This adds the author of the current message to the author kill
      filter list (see
                  Kill filters
).

KILLSUBJ
      This adds the subject of the current message to the subject kill
      filter list (see
                  Kill filters
).

EDITAUTH
      This opens a list window containing the names of all the authors
      currently in the author kill filter (see
                  Kill filters
).

EDITSUBJ
      This opens a list window containing all the subjects currently in
      the subject kill filter (see
                  Kill filters
).

AUTHON
      This toggles the status of the author kill filter, enabling and
      disabling it (see
                  Kill filters
).

SUBJON

This toggles the status of the subject kill filter, enabling and
disabling it (see
            Kill filters
).

MOVE
    This opens a window containing the list of all the SIGs on the the
    current BBS so that a moderator can choose a SIG to move the
    current message to (see
            Moderator functions
).

DELETE
    This deletes the current message (see
            Moderator functions
            ),
    clicking a second time will restore the message.

QUOTE
    This selects the type of quoting that is done for you when IceOLR
    prepares a message for you to reply to (see
            Quoting
). This is the
    button that can be marked Quote, Both, Header and None.

QINSEDIT
    This maps a key press to the > button (see
            Quoting
).

QHEADEDIT
    This maps a key press to the – button (see
            Quoting
).

BBS
    This opens a windown containing the list of the BBS machines that
    you subscribe to. You can change to a different BBS by clicking on
    its name in the list.

PERMANENT
    This maps the Perm button to a key. This button marks the current
    message as permanent, unless it is already marked that way, in
    which case the message is made deletable again (see

            Moderator functions
).

TRIM
    This maps the Trim button to a key. This button activates the old
    and deleted message triming function (see
            Triming
).

NET
    This maps the Net button to a key. When the Net button is
    depressed the network header portion of the message will be

    displayed.

BRIEF
    This maps the Brief or Full button to a key. This button is used
    to toggle between the two different sets of buttons.

QUIT
    This maps the close window gadget of the control panel to a key
    press.

    ---------- Footnotes ----------

    (1) Under AmigaDOS 2.0, this is not a problem under AmigaDOS 1.3
and earlier.

1.33 olr.guide/Editors

                    Selecting your editor
====================

    IceOLR allows you to select the editor you wish to compose new
postings and replies with. The default is ED and you will probably
want to change that. The limitation is the editor must be in your C:
directory (at least under AmigaDOS 1.3), or you should specify the full
path to the editor. If you are running IceOLR on its own screen you
should note that some editors will only open on the WorkBench, or even
their own screens.

    Another problem you may encounter is that some editors (CygnusEd and
Az are good examples) detach from the CLI they are run from. By this I
mean they always appear to be started with a command line like run az
even if you just typed az. These editors can still be used so long as
you remember to save (1) your messages and close the editor before you
answer the Do you want to post? requester. For example you might use
the tool type:

    EDITOR=dme

    If you are running IceOLR under AmigaDOS 2.0 or higher then the
custom screen that IceOLR opens will be a public screen. This screen
has the name VBBS-OLR. If you use an editor that supports public
screens you should be able to get the editor to appear on IceOLR's
public screen. Different editors will probably use different ways of
finding out what screen to use. In the case of Ed you can use:

    EDITOR=ed window "RAW:0/0/640/200/Edit/SCREENVBBS-OLR"

    Note that you cannot put a space between the word SCREEN and the
VBBS-OLR name. Also note that capitalization is significant here!

    Other editors exist that support public screens, as I learn of them
I will add the appropriate command to this section, if you use one that
is not listed here please send me the tooltype that you use.

The XDME editor from Fish Disk 776 uses public screens, the tooltype
would be:

       EDITOR=xdme -ps VBBS-OLR

this editor has the odd feature that if you already have if running
elsewhere on your system it will not fire up a second copy of itself
and so, in this case, its window will always open on the screen the
first copy was running on.

    If your editor does not support public screens and you are running
under AmigaDOS 2.0 you can force your editor to open on IceOLR's screen
by re-enabling the hack that older versions of IceOLR used previously
(and the current IceOLR's still use when running under AmigaDOS 1.3).
You do this by including the WBHACK (see
                    WBHACK
) tool type in the icon.

    ---------- Footnotes ----------

    (1) When IceOLR starts the editor it tells it to edit a file called
something like: tempfile, most editors have a feature which will
automatically save under this original name. This is the save method
you want to use, since that is the file that IceOLR will save to send
to the BBS.

1.34 olr.guide/WBHACK

                    Simulating a WorkBench screen
==============================

    If you are running AmigaDOS 2.0 you may need to add the WBHACK tool
type to get your editor to open on IceOLR's screen (see
                    Editors
). This
tool type is not needed if you are running under AmigaDOS 1.3 or
earlier. What this does is to activate some extra code in IceOLR that
makes the screen into a WorkBench screen just before IceOLR starts your
editor. This tricks the editor into opening its window on IceOLR's
screen rather than the WorkBench screen. Once you exit the editor
IceOLR changes its screen back to a regular screen. The side effect of
this is that if you open another WorkBench window while the editor is
still running that window might appear on IceOLR's screen instead of
the WorkBench screen. This is not particularly dangerous, except if
you close IceOLR before closing the misplaced windows. The public
screen facility which IceOLR uses under AmigaDOS 2.0 makes doing this
legal and safe.

    IceOLR also supports the new public screen feature of AmigaDOS 2.0
and higher. If your editor supports opening its windows on a named
public screen you might be able to use this technique to get the editor
to open on IceOLR's screen (see

```
                    Editors
                    ).
```

1.35   olr.guide/Default BBS

```
The default BBS
===============
```

   Additionally you can specify the BBS to be selected by default when
IceOLR is started by using the

```
     BBS=STRING
```

tool type, where STRING is the name of the BBS, exactly as it appears
in the BBS selection list.

1.36   olr.guide/Trim control

```
                Message triming controls
========================
```

   There are six optional tool types that can be used to configure the
message triming function (see
```
                Triming
```
) that is built into IceOLR.
These are:

```
INPLACE
     specifies that triming is to be done in-place, without creating
     temporary files,

TRIMREAD
     specifies that only messages marked as either deleted or read are
     to be trimed (ie. do not consider the age of the message),

TRIMDAYS=NUM
     sets the number of days to trim messages by,

TRIMHOURS=NUM
     sets the number of hours to trim messages by,

TRIMMINS=NUM
     sets the number of minutes to trim messages by,

TRIMSECS=NUM
     sets the number of seconds to trim messages by.
```

   If none of TRIMDAYS, TRIMHOURS, TRIMMINS or TRIMSECS are specified
then a default of five days is assumed.

1.37   olr.guide/Fonts

```
Selecting a different font
==========================
```

   IceOLR's displays can use a different character size and font type.
To select something else you include either one or both of the following
tool types in the IceOLR icon:

```
FONT=NUM
     this selects the point size of the font (the default value of 8 is
     about the smallest you can use),

FONTSIZE=STRING
     selectes the name of the font. For example: topaz.font to select
     the topaz font (which is the default).
```

1.38   olr.guide/Sysop tool types

```
Tool types used by sysops
=========================
```

   There are two tool types that can only be used by IceBBS sysops.
These are provided so that a sysop can read the message bases in-place.
That is he reads and posts directly from and to the actual files that
the BBS stores the messages in. This saves him the bother of having to
connect to his own BBS and download copies of the messages that are
already there.

   The SYSOP tool type is used to tell IceOLR to enter sysop mode and
use the BBS's message bases directly. Once IceOLR is running in sysop
mode there are a few functions that are unavailable, specifically the
trim function and the functions to change from one BBS to another. All
the other functions are available and the sysop mode also enables the
moderator functions (move, delete and permanent). If the sysop mode is
enabled then the MESSROOT, BBS and any trim control tool types will be
ignored. The syntax of this tool type is just:

```
     SYSOP
```

   The NEWSIGS tool type is provided for message base test purposes.
It enables the sysop to tell IceOLR to use some file other than the
S:VBBS.NEWSIGS file when determining where the BBS SIGs files are
located. This allows a sysop to set up an on-line copy of the SIGs
that his users see and an off-line copy (perhaps containing different
SIGs) for some sort of testing task. Normally one might do this when
evaluating a new message importer or exporter for use with a network.
The syntax is:

```
     NEWSIGS=FILE
```

1.39   olr.guide/Control panel

```
Selecting the control panel format
==================================
```

   There are four different configurations of IceOLR's control panel.
These are selected by two tool types: BRIEF and VERT.

   The BRIEF tool type selects the brief version of the control panel,
this is the configuration with just the basic buttons. If this tool
type is not present then OLR will open a control window with the full
set of buttons (which takes up considerably more screen real estate).
This tool type may be entered manually or may be placed in the icon by
using the Snapshot menu item. The syntax is just:

```
     BRIEF
```

   The VERT tool type is used to select the vertical tool bar like
arrangement of the control panel's buttons. This arrangement allows
those users who use a narrower font, or who run IceOLR on an overscanned
screen, to place the control panel along the side of the screen and
while still displaying about 80 characters per line obtain another five
to ten lines of text. The VERT tool type must be set manually in the
icon as there is no button that corresponds to it currently. The
syntax is:

```
     VERT
```

   When the full control pannel is to be displayed in vertical mode you
need to be running IceOLR on at least a 400 line screen (interlaced
etc.).

1.40   olr.guide/Signalling

```
Added audio and visual feedback
===============================
```

   The FLASH tooltype is used to enable screen flashing (or under
AmigaDOS 2.1 audable beeps etc.) when you reach the end of a SIG or
BBS. This was provided for some users who wanted more notification of
changing SIGs and BBSes than just changing the title bar. To enable
this feature include the tool type line:

```
     FLASH
```

1.41   olr.guide/User name

```
Your user name
==============
```

   IceOLR needs to know the name you use on the BBS machines you call
so that it can complete the From: field of any messages or replies that
you post. To set you name you use the following tool type:

```
    USER=STRING
```

which is the same as the IceTERM program uses. STRING should be
replaced with your user name. This user name is now ignored by the BBS
when the posting comes from a user, but it is required for the sysop
(when using the IceOLR in sysop mode).

1.42   olr.guide/Temporary files

```
Temporary files
===============
```

From time to time IceOLR needs to create and delete temporary files.
You can control the directory that IceOLR does this in by changing the
TEMPDIR tool type. The syntax of this is:

```
    TEMPDIR=DIR
```

   if this tool type is not present then IceOLR will use the T:
directory for its temporary files.

1.43   olr.guide/The message base

```
              Locating the message base
=========================
```

   Unless IceOLR is run in its sysop mode (see
              Sysop tool types
) it
needs to know where the directory that IceTERM downloaded the messages
with the batch SIGs tool is. IceOLR uses the MESSROOT tool type to do
this, just like IceTERM does. The syntax is:

```
    MESSROOT=DIR
```

   Some people have been known to speed up IceOLR by copying the
downloaded messages to the RAM disk and then using the MESSROOT to
specify the RAM disk. This can be done, but you need to copy back the
files to the disk they came from after running IceOLR so that any
postings you made get uploaded and so that your high message counters
(the last message you read in each SIG) are maintained.

A much better way of speeding up IceOLR is to use some disk caching
software, such as HyperCache or PowerCache.

1.44 olr.guide/Keeping messages

Saving interesting messages
===========================

   There are a number of buttons throughout IceOLR marked Keep. These
are used to save the contents of the window they are a part of into the
keep file. The name of this file is RAM:KEEPFILE by default. To
select a different file name you include the KEEPFILE tool type, this
has the syntax:

        KEEPFILE=FILE

1.45 olr.guide/Window dressing

Specifing a window layout
=========================

   There are a number of tool types that are used by the snapshot
function to save the position and size of each of IceOLR's windows.
These tool types all have the syntax:

        TOOLTYPE=NUM|NUM|NUM|NUM

   where the four numeric parameters are the x position (pixels from
the left edge of the screen), y position (pixels from the top edge of
the screen), width (width of the window in pixels) and height (height
of the window in pixels) respectively. The allowable tool type names
are:

NSWINDOW
        the main control panel window,

NSMESSAGE
        the window that displays the text of the current message,

NSALL_LIST
        the window that displays the list of all the SIGs that are
        available on the currently selected BBS,

NSPICK_LIST
        the window that displays either the current SIG subscription list
        for you to chose the SIG you want to read next,

NSMOVE_LIST

```
     the window that displays the list of SIGs from which you are to
     chose the SIG to move the current message to,
```

NSSUB_LIST
```
     the window that displays the current subscription list which
     allows you to remove SIGs from your subscription,
```

NSAUTH_LIST
```
     the window that displays the list of authors who are currently in
     your kill filter,
```

NSSUBJ_LIST
```
     the window that displays the list of subjects that are currently in
     your kill filter,
```

NSDATE
NSDATE_LIST
```
     the go to message window (which contains the date entry buttons),
```

NSREADSBJ_LIST
```
     the window that displays the subject, author and date overview
     list.
```

1.46 olr.guide/Quoting messages

```
Customizing message quoting
===========================
```

```
   When a reply is being prepared for editing IceOLR can do certain
things to it including quoting and including an introductory header.
The snapshot function will normally maintain these tool types; however,
you may want to hand edit these on occasion.
```

NSQUOTETEXT=STRING
```
     Sets the text that is to be added at the start of each line to
     quote the message.
```

NSQUOTEHEAD=STRING
```
     Sets the verb part of the introductory comment line.
```

NSQUOTE=NUM
```
     Sets the type of quoting that is to be done.  This is a number
     from 0 to 3 which selects the mode that is used.  The values are:
```

```
   0

        Do no quoting of replies,
```

```
   1

        Quote each line of the reply,
```

```
   2

        Insert the header line, telling who wrote the original
        message and when,
```

3
        Quote each line and insert the header line.

1.47   olr.guide/Reading control

```
The SIGs and order of reading
=============================
```

   The user can chose to read only the SIGs he subscribes to, this is
set by the NSALLSUB tool type. Within a SIG the user can chose between
reading messages in chronological order of posting or by following the
treaded linkages, this is controlled by the NSTHREAD tool type. Both
of these tool types are best maintained by doing a snapshot.

1.48   olr.guide/Kill filter control

```
Controlling the kill filters
============================
```

   IceOLR has two message filters which can be used to speed up the
message reading process by filtering out (killing) messages about a
certain subject (the NSSUBJ tool type) or from a certain author (the
NSAUTH). These tool types control whether the filter is to be active
or inactive. These are best maintained by snapshotting.

1.49   olr.guide/Auto quoting

```
Controlling the kill filters
============================
```

   IceOLR supports auto-highlighting of quoted text to some extent. To
enable this feature you need to include a tool type like:

    AUTOQ=2

the number tells the system how many characters must match to detect a
quote, 2, 3 or 4 are good numbers.

1.50   olr.guide/PGP controls

```
Configuring for PGP
===================
```

To support the PGP encryption package you will need PGP 2.2 or
higher installed on your system and you must add a PGP= tool type to
your IceOLR icon. The tool type is required for IceOLR to be able to
fund and run PGP. You should include the full directory path as well
as the name of the PGP program, for example:

    PGP=dh0:bin/pgp

also the STACK= tool type can be used to specify the stack that is to
be set in the shell that PGP is running in. This defaults to

    STACK=20000

1.51   olr.guide/Direct updates

                    Direct Updates and Support
****

    IceOLR is not public domain, it is Copyright 1993 by Stephen
Vermeulen, and is freely distributable under certain conditons. This
section describes these conditions as well as how to obtain support and
updates to the software.

                Updates
                        Purchasing updates to IceOLR and its manual

                Copying
                        Restrictions under which IceOLR may be copied

1.52   olr.guide/Updates

Direct updates
==============

    The current version of the complete IceTERM and IceOLR set along
with the door programmer's tool kits, including the printed
documentation for IceTERM and IceOLR is available for US$15.00
(including shipping) from the Author.

    Amiga Dealers and Users Groups interested in selling the IceTERM and
IceOLR manuals should contact the Author directly.

    If you have any suggestions, bug reports etc., feel free to contact
the Author at:

    Stephen Vermeulen
    45 Butler Cr. N.W.

        Calgary, Alberta
        CANADA, T2L 1K4.

or by phone at (403) 282-7990 in Canada (Mountain Standard Time).

1.53 olr.guide/Copying

Distribution restrictions
=========================

    The program IceOLR may be redistributed under the following
restrictions:

    * The programs and documentation may not be modified or patched in
      any way,

    * Each program must always be distributed with its documentation
      file,

    * Additional documentation, examples, executables and script files
      may be added to the distribution archives as may be desired; so
      long as these are not marked as being the product, property or
      responsibility of Stephen Vermeulen,

    * The programs or documentation are not to be included in, or
      distributed with any product for which the retail price exceeds
      twice the price of obtaining two disks from the Fred Fish Freely
      Distributable Amiga Software Library, with the sole exception of
      CDROM collections of freely redistributable, public domain or
      shareware material,

    * Registered IceBBS sysops only are allowed to photocopy and
      distribute the documentation for IceOLR to users of their BBSs,
      provided that if the fee charged for the documentation exceeds the
      sysop's duplication costs by more than US$1.00 per copy they remit
      US$1.00 per copy sold to Stephen Vermeulen,

    * The distributor agrees to cease distribution of the programs and
      documention if requested to do so by the Author.

1.54 olr.guide/Warranty

Warranty
****

No warranty
===========

THERE IS NO WARRANTY FOR THE PROGRAMS, TO

Disclaimer
==========

1.55 olr.guide/Thanks

```
Thanks
******
```

   Thanks to all those who suffered through the bugs in various early
versions of IceOLR, your testing is much appreciated.

   Last but not least, thanks to Marrieta for putting up with all the
time I spend on IceBBS development, and for baking all those cookies for
Developers' meetings.

1.56 olr.guide/Tool types index

```
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****************************
```


              _
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                                        Reading new

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                         Keyboard

        >, Goto Msg
                                   Searching

        >, Sigs
                                      Quoting

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                                        Reading new

        >>, button name
                         Keyboard

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                            Keyboard

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Y+

Searching

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Searching

|

Tool type rules

1.57 olr.guide/Concept index

```
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*************

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