

**olr**

<b>COLLABORATORS</b>
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	<i>TITLE :</i>		
	olr		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		January 18, 2023	

<b>REVISION HISTORY</b>
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NUMBER	DATE	DESCRIPTION	NAME

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# Chapter 1

## olr

### 1.1 olr.guide

OLR

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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

From the CLI  
    Some specifics for the avid CLI user

Tool types  
    Customizing IceOLR with tool types

Direct updates  
    Information on distribution and pricing etc.

Warranty  
    No warranty on IceOLR

Thanks  
    Without which this would not have happened

Indices...

Tool types index  
    The various IceOLR tool types and buttons

Concept index  
    Main Index

----- Footnotes -----

- (1) Also called SIGs, for special interest groups.
- (2) That has been downloaded onto your Amiga.

## 1.2 olr.guide/Introduction

Introduction  
\*\*\*\*\*

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

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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

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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.newsig 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

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

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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 forwards and backwards in a SIG by posting date. This is equivalent to a non-threaded read forwards 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

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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.

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## 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 explanation 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

Trimming

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  
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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  
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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 snapshotting (see
 

- Window positioning

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) the window.

## 1.14 olr.guide/Reading new

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

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. Conversely 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 replies to the original message you use the Child button to go to the first reply and then use

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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 together 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  
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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 respectively. 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

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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  
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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  
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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

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### Replying to a message

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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 clarify 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

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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 beginning of each line to quote the message and to customize the line at the beginning 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

All-Sub  
) and

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

All-Sub

). The Next SIG takes you down the list one SIG, the Prev SIG 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

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

Private replies  
-----

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 addressee is to send it in encrypted form (1).

----- Footnotes -----

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

## 1.24 olr.guide/Moderator functions

Moderator functions  
-----

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/Trimming

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 trimming 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 trimmed. 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

Specifying 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  
Specifying 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 specifying 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 activates 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.

#### QINSEEDIT

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 window 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 trimming function (see  
Trimming  
).

#### 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 it 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 trimming controls  
=====

There are six optional tool types that can be used to configure the message trimming function (see

Trimming  
) that is built into IceOLR.

These are:

INPLACE

specifies that trimming is to be done in-place, without creating temporary files,

TRIMREAD

specifies that only messages marked as either deleted or read are to be trimmed (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 audible 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

Specifying 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 choose 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,
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- \* The distributor agrees to cease distribution of the programs and documentation if requested to do so by the Author.

## 1.54 olr.guide/Warranty

Warranty  
\*\*\*\*\*

No warranty  
=====

THERE IS NO WARRANTY FOR THE PROGRAMS, TO

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Disclaimer

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No warranty, either express or implied, is made with respect to the fitness or merchantability of IceOLR.

Stephen Vermeulen (referred to as the Author, reserves the right to not develop any future versions of IceOLR.

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## 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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