MRBackup

COLLABORATORS			

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

Chapter 1

MRBackup

1.1 General Parameters Window

The General Parameters Window contains parameters common to most MRBackup
operations. In addition to the usual string gadgets and command buttons,
you will also notice several square buttons (raised gadgets), labeled with
a question mark (?). These are file requester gadgets. Each of these is
associated with another gadget which specifies a device, directory or file
name. When you click on a file requester gadget, a file requester window
is superimposed on MRBackup's main window . With it, you can navigate your
file system and easily select the appropriate name for the corresponding
gadget.

The following paragraphs describe all of the gadgets in the General
Parameters window. Please take the time to read this information
carefully, as several important key concepts are presented here.

```
    Preferences         Home Path           Backup Path
    Floppy Disk Icons   Voice               Media Type
    Buffer (K)          Listing Path        Log File


    Options Button      Filters Button      Backup Button
    Restore Button      Utilities Button


    Go to Top Level
```

1.2 preferences gadget

This gadget names the file where MRBackup's operating parameters (user
preferences) are stored. If MRBackup is started without an explicit
"initial file" specification (-i option from CLI, INIT=<name> tool types
from WorkBench), the current directory is searched for "MRBackup.init". If
the file is not found there, the working directory (default =
MRBackup:Prefs) is searched. You may change MRBackup's parameters
(including this one), then use Save Preferences to record your new
settings. You may also reinitialize MRBackup with another preferences file
by changing this specification.

1.3   home path gadget

The Home Path describes the device or directory where your files normally
reside. During backup operations, files are copied from the location
specified by the Home Path. During restore operations, files are copied to
this location. You may type the Home Path value directly into the gadget
box or you may use the file requester to assist you. The Home Path must
specify a device, volume or directory name (not a file name).

1.4   backup path gadget

The Backup Path describes the destination (TO path) for files during a
backup or the source (FROM path) for files during a restore. Normally, the
backup path is the name of one of your floppy disk drives. If one or more
of the floppy disk icon gadgets is selected, the Backup Path is ignored.
See the section entitled Backup Operations for more details on the Backup
Path.

1.5   floppy disk icons

MRBackup supports selection of up to four floppy disk devices (DF0:
through DF3:) for backup or restore. This allows you to preload your disk
drives, reducing the frequency with which you must insert diskettes.
MRBackup will cycle through the selected drives and prompt you for more
diskettes only when all have been used or an error is detected. When you
click on one of these icons, a check-mark will appear, indicating that the
drive is selected. Whenever floppy drives are selected in this fashion,
the Backup Path specification is ignored.

1.6   voice gadget

This is an ON/OFF button which enables or disables MRBackup's speech
capability.

1.7   media type gadget

This gadget selects the type of backup or restore to be performed and
cycles through the following range of values:

·   AmigaDOS
·   Fast Disk
·   SCSI Tape

Note: the media types are described in detail in the section entitled
 The Backup Modes .

1.8   buffer gadget

When MRBackup performs input or output from/to a file, a certain amount of
memory is set aside as a buffer (work area). This is done to minimize the
number of physical disk accesses necessary to move data from/to a file.
The bigger the buffer, the fewer disk accesses that are required to move a
file. The default buffer size is 32K bytes (K = 1024, thus 32K = 32768
bytes). If your system has expanded memory, you can take advantage of it
by increasing your buffer size. The maximum buffer size allowed is 512K.
There is no practical benefit in specifying a buffer which is more than two
times larger than the largest file on your system. This will simply waste
memory which might be needed by other applications (remember - we can
multitask while doing a backup or restore!).

1.9   listing path gadget

MRBackup normally generates a listing during backups. This gadget
specifies the file or device to receive the listing. You may type the
listing path directly into the gadget or you may use its requester gadget
to assist you. To send the listing directly to the printer, you would
select "PRT:". To save the listing to a file on the hard disk, simply
select the appropriate directory and file name.

1.10   log file gadget

MRBackup will optionally generate a log of all of its activities if the Log
File gadget contains a valid pathname. This log will contain time-stamped
progress reports and error messages. To disable the log, simply clear this
gadget. When errors are detected during a backup or restore, it is good
practice to check the contents of the log for the cause and severity of
these errors.

1.11   options button

This command button activates the Options window and is provided as a
convenient alternative to the equivalent menu command.

1.12   filters button

This command button activates the Filters window and is provided as a
convenient alternative to the equivalent menu command.

1.13   backup button

This command button initiates a backup operation and is equivalent to the
Backup menu command.

1.14   restore button

This command button initiates a restore operation and is equivalent to the
Restore menu command.

1.15   utilities button

This command button activates MRBackup's file utilities. It is equivalent
to the Utilities menu command.