MRBackup

		COLLABORATORS		
	TITLE : MRBackup			
ACTION	*NAME*	*DATE*	*SIGNATURE*	
WRITTEN BY		October 20, 2024		

		REVISION HISTORY	
NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

MRBackup

1.1   Status Display Window

The Status Display window informs you of MRBackup's progress during backup
and restore operations. The meanings of the various indicator gadgets are
defined here.

```
    Backup Volume Name Gadget
    Volume Number Gadget
    Errors Gadget
    Progress Indicator Bar
    Bytes In Gadget
    Bytes Out Gadget
    Ratio Gadget
    Throughput (KBPS) Gadget
    Elapsed Time Gadget
    Transfer Time Gadget
    Current Pathname Gadget
    Status Gadget
    STOP Button
    PAUSE / PROCEED Button

    Go to Top Level
```

1.2   backup volume name gadget

This gadget reports the name of the backup volume currently being used for
a backup or restore operation.

1.3   volume number gadget

This gadget indicates the sequence number of the backup media which is
currently being accessed for backup or restore. It will increment by one
for each successive floppy diskette but will remain at 1 for tape or file
media.

1.4   errors gadget

This gadget displays the total number of errors detected during a backup or
restore operation.

1.5   progress indicator bar

This indicator displays the relative progress of the backup as a percentage
of files and directories processed vs. the number of files and directories
selected. (Note: this will probably change soon to reflect disk blocks
processed vs. selected which is a much more accurate indicator of time
remaining).

1.6   bytes in gadget

This gadget displays the total number of bytes, in K (1024 byte
increments), which have been read into MRBackup.

1.7   bytes out gadget

This gadget displays the total number of bytes, in K, which MRBackup has
written to the destination media.

1.8   ratio gadget

This gadget displays, as a percentage of change, the effective compression
ratio for backups and decompression ratio for restores. For example, when
a value of 35% is displayed during a backup operation, then the cumulative
size for all files backed up has been reduced by 35 per cent. When
compression/decompression are disabled, N/A is displayed.

1.9   throughput (kbps) gadget

This indicator displays the relative data transfer rate as a measure of
kilobytes per second. It is intended to provide you with a relative
measure of backup performance. By changing various parameters (buffer
size, tape driver buffering, etc.) and then observing changes in this
indicator, you can tune your backup parameters to a combination which is
optimal for your environment.

1.10   elapsed time gadget

This indicator displays the total elapsed time since you started a backup
or restore operation.

1.11   transfer time gadget

This indicator displays the total time which MRBackup has been actively
transferring data during a backup or restore. This timer is halted and
resumed whenever user interaction occurs. Like the Throughput indicator,
this indicator can also provide you with a relative measure of performance.

1.12   current pathname gadget

At the start of a backup, this gadget reports the name of each directory
being scanned for files. During a backup or restore operation, this gadget
reports the name of the directory being accessed (note: it was felt that
reporting individual files here would adversely affect backup performance).

1.13   status gadget

This is a one-line text message which reports the current
state of MRBackup or the last significant event or error.

1.14   stop button

This gadget allows you to terminate a backup or restore operation. As a
safety measure, a requester will ask you to confirm this action before it
takes effect.

Please note that when using a large buffer size, there may be a very
noticeable delay when clicking the STOP or PAUSE gadgets. Just be patient-
MRBackup will recognize the request as soon as the current buffer operation
completes.

1.15   pause_proceed button

This gadget temporarily suspends all backup or restore activity. If you
are closely monitoring the progress of a backup or restore and the phone
rings, you can click PAUSE and be confident that things won't "get away
from you". When you click the PAUSE gadget, its label changes to PROCEED.
MRBackup will be suspended until this gadget is clicked again.