

MRBackup

COLLABORATORS

	<i>TITLE :</i> MRBackup		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		January 8, 2025	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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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.
