MRBackup

COLLABORATORS

	TITLE : MRBackup		
ACTION	*NAME*	*DATE*	*SIGNATURE*
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REVISION HISTORY

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Chapter 1

MRBackup

1.1   MRBackup File Utilities

MRBackup's File Utilities perform a variety of AmigaDOS file management
operations. The top portion of the window contains gadgets for specifying
file selection criteria and reporting status. The middle portion is a
combined information display and file requester for interactively selecting
individual files. The bottom portion of the window primarily contains
"command buttons" which select the operation to be performed on the
selected file(s).

When performing a Utilities operation, the affected files have a source
(From) and, where appropriate, a destination (To). The file information
display box in the center of this window multiplexes (switches) between the
From and To modes, depending upon the settings of the ON/OFF switches
affecting the From and To selections.

```
     OFF/ON Switch
     From Gadget
     To Gadget
     From/To Arrow (Parent Directory) Gadgets
        Link "FromTo Gadgets" }
     Drive Button
     FileSpec Gadget
     Info Gadget
     All Button
     None Button
     State Gadget (unlabled)

     Utility Command Buttons

     Go to Top Level
```

1.2   OFF/ON Switch

The OFF/ON switches determine whether the source (From) or destination (To)
directory is displayed in the file display area. These switches are
mutually exclusive and only one can be ON at a time, though both can be OFF

at the same time. Clicking on either will cause the display box to be
filled with information relevant to the appropriate path specification.

1.3   from gadget

The From gadget holds the source device or directory name. Upon activation
of the Utilities window, this value defaults to the Backup Path setting in
the General Parameters window. You may alter this value by typing directly
into the gadget. It will also track your interactions with the file
information display box or parent directory gadgets.

1.4   to gadget

The To gadget holds the destination device or directory name. Upon
activation of the Utilities window, this value defaults to the Backup Path
setting in the General Parameters window. You may alter this value by
typing directly into the gadget. It will also track your interactions with
the file information display box or parent directory gadgets.

1.5   From/To Arrow (Parent Directory) Gadgets

The From and To gadgets each have an arrow gadget to the right of their
respective text boxes. Clicking on the arrow causes the selection to move
up one level in the file hierarchy (the immediate parent). For instance,
if the From selection is currently "DH0:Src/Lib/Amiga", clicking its
associated arrow gadget will change the From selection to "DH0:Src/Lib".

1.6   drive button

Clicking on the Drive button will cause the currently active selection
(From or To, as determined by the OFF/ON switch settings) to cycle to the
next disk drive (including RAM:, RAD:).

1.7   filespec gadget

The FileSpec gadget (file specification) is applied to the From selection
to restrict the files visible in the file information box. Typically, an
AmigaDOS/ARP file name pattern is entered here. For instance, "#?" or "*"
(default) allows all filenames to be seen. "#?.Doc" would allow only
filenames ending in ".Doc" to be seen. The FileSpec does not apply to
directory names, which are always visible.

1.8   info gadget

The Info gadget provides status information related to the current utility
operation being performed.

1.9   all button

Clicking on the All button (beneath the lower right-hand corner of the file
information display box) will select everything in the file information box
(including entries which are out of view). Selected entries are displayed
in reverse video.

1.10   none button

Clicking on the None button will cause all files in the file display area
to be deselected.

1.11   state gadget (unlabled)

There is an unlabeled box in the upper right hand corner of the Utilities
window. This gadget is used to display the current state of the Utilities
"engine".

1.12   utility command buttons

At the bottom of the Utilities window is a set of gadgets (command buttons)
which are labeled with the names of the Utilities processing options. Each
one will be discussed separately below. One thing that they all have in
common is that the From selection must be active before they may be used.
Clicking any command button before the current process has completed will
terminate the current process.

```
    Compress Button
    Compression Code Size Button
    Decompress Button
    Delete Button
    Move Button
    Copy Button
    Set Bits Button
    Clear Bits Button
    SetDate Button
```

1.13   compress button

This command button causes the selected files to be compressed, using the
current Compression bit code setting and compression filter file in the
MRBackup Parameters window. The From and To path specifications may
indicate the same or different pathnames. If they are the same, the
original file will be deleted and replaced with its compressed version
(having a ".Z" suffix).

1.14   compression code size button

This gadget, wedged between the Compress and Decompress gadgets, selects
the maximum code size to be used when compressing or decompressing files.
It cycles through the range of None to 16-Bit each time it is clicked.

1.15   decompress button

This command button causes the selected files to be decompressed, using the
current Decompression bit code setting and decompression filter file, as
specified in the MRBackup main window. The From and To path specifications
may indicate the same or different paths. If they are the same, the
compressed file (having the ".Z" suffix) will be replaced by its
decompressed version (".Z" suffix removed).

1.16   delete button

Only the From specification is required for Delete. All selected files
will be deleted from your system. Be careful!

1.17   move button

This button causes the currently selected files to be moved (renamed) to a
new location. Move requires that the From and To specifications name
different directories on the same device (renaming across devices is not
allowed). All selected files will be moved from their current location to
the To directory.

1.18   copy button

The Copy command button requires different From and To specifications. The
selected files are copied to the To path.

1.19   set bits button

The Set Bits command button provides the capabilities of the AmigaDOS
"Protect" command. Above the Set Bits command button, you will see eight
gadgets with the letters "H,S,P,A,R,W,E,D". These letters are defined as
follows:

```
    H - Hidden file (not currently supported)
    S - Script (recognized by NewShell, AShell)
    P - Pure (used by "resident" programs)
    A - Archived (set => file is archived)
    R - File is readable
    W - File is writeable
    E - File is executable
    D - File is deleteable
```

Set the appropriate gadgets for the bits you wish to set, then click the
Set Bits command button. The bit pattern you have selected will be
logically OR-ed with the current bit settings for the selected files.

The R, W, E and D indicators are somewhat confusing, as their meaning is
inverted. A set bit actually means that the related operation is
inhibited. For instance, when "W" is displayed, it actually means that the
"W" bit is clear, allowing file write operations. To write-protect a file,
then, you must SET its "W" bit.

1.20   clear bits button

Clear Bits works in much the same fashion as Set Bits except that the
selected bits are turned off. Only the selected bits will be affected -
all others retain their current setting.

1.21   setdate button

The SetDate command button changes the file modification date for all
selected files (the "to" specification is not required). Upon selecting
the SetDate command button, you will be presented with MRBackup's date
requester. Simply select the date you wish to apply.