NAME

tapetool – OpenWindows tool for reading files from tape or archiving files to tape

SYNOPSIS

tapetool [*generic-tool-arguments*]

AVAILABILITY

This command is available with the OpenWindows environment. All OpenWindows standard tools use the Graphical User Interface (GUI).

DESCRIPTION

tapetool is an OpenWindows based XView application that uses the **tar**(1) command to write files to tape, extract files from tape or list the contents of a tape.

OPTIONS

generic-tool-arguments
: **tapetool** accepts the generic tool arugments described in **xview**(7).

USAGE

tapetool is part of the OpenWindows user environment.

There are two windows associated with **tapetool.** The main window that appears when the tool is initially brought up is for writing files to tape. The read window appears when you '**List**' the contents of a tape or choose either '**Read Selected**' or '**Read Entire List**'.

'**List...**' panel-button brings up a '**Tape Contents'** window that lists the files on tape. Filenames can be added using the '**File To Read**' button. Filenames can be deleted using the scrolling list popup menu. It may take some time listing the entire contents of a tape if it contains many files. If you want to extract just a few files and know the exact names of the files you may want to do a '**Read Selected**' that will bring up an empty '**Tape Contents**' window. Then add the filenames to the list using the '**File To Read**' button and do a '**Read Entire List**'.

There are three ways to read files:

Read Selected
: Reads the files selected in the '**Tape Contents**' window.

Read Entire List
: Reads all the files listed in the '**Tape Contents**' window.

Read Entire Tape
: Reads the entire tape. The '**Tape Contents**' window does not have to be showing to do this. The files are put into the directory specified by the '**Destination**' field if they do not contain fully qualified pathnames.

To write files to tape, add filenames to the main scrolling list using the '**File To Write**' menu button. The main scrolling list has a popup menu for deleting selected files. '**Write**' writes the filenames listed in this window to tape.

Props gives a property sheet for specifying **tar**(1) options.

Device:
: **/dev/rmt/***n* SCSI tape drives

Host Name:
: Specifies the name of host system where the reading or archiving of

files will be applied. The default is the current host name.

Tar Options

Write:

No SCCS F option to **tar**(1), exclude all directories named SCCS from tarfile.

No SCCS+ FF option to **tar**(1), exclude all directories named SCCS, all files with **.o** as their suffix, and all files named **errs**,**core**, and **a.out**.

Block I/0 **b** option to **tar**(1), blocking factor for tape records. The default blocking factor is 20 blocks. The block size is determined automatically when reading tapes. This determination of the blocking factor may be fooled when reading from a pipe or a socket. The maximum blocking factor is determined only by the amount of memory available to **tar** when it is run. Larger blocking factors result in better throughput, longer blocks on nine-track tapes, and better media utilization.

Sym Links **h** option to **tar**(1), follow symbolic links as if they were normal files or directories. Normally, **tar** does not follow symbolic links.

Show Errs **l** option to **tar**(1), Display error messages if all links to archived files cannot be resolved. If not used, no error messages are printed.

Suppress **o** option to **tar**(1), Suppress information specifying owner and modes of directories that **tar** normally places in the archive.

Read:

No Check **i** option to **tar**(1), Ignore directory checksum errors.

Mod Time **m** option to **tar**(1), Do not extract modification times of extracted files. The modification time will be the time of extraction.

Orig Mode **p** option to **tar**(1), Restore the named files to their original modes, ignoring the present **umask**(2). SetUID and sticky information are also extracted if you are the super-user.

Delete Dir:

For writing files to tape

‘**NONE**’ retains filename path exactly as specified.

‘**ALL**’ Extracts the entire path from *filename* and writes just the *filename*.

‘**PATTERN**’ extracts the *pattern* specifed and writes the *filename* left over.

Other:

Err Exit **e** option to **tar**(1), If any unexpected errors occur **tar** aborts immediately with a positive exit status.

Exclude **X** option to **tar**(1), Specify a file containing a list of named files (or directories) to be excluded when reading from tape. Only one file can be specified.

Apply Menu button that applies the options that have been set.

Reset Menu button that resets the defaults.

You may drag and drop files from **filemgr**(1) onto the tapetool write window for writing files to tape. You can also drop files onto the **tapetool** icon for writing.

FILES

/dev/rmt/*n* SCSI tape interface

BUGS

See bugs for **tar**(1)

SEE ALSO

tar(1), **filemgr**(1)
OpenWindows user documentation
"About Tape Tool" in the Help Handbook available through the Help option on the Workspace menu.