

NAME

unshar – unpack a shar archive

SYNOPSIS

unshar [**-flags**] [**-flag** *value*] [**--option-name**[[**=**] *value*]] [<file>...]

The operands that this program operates on may be specified either on the command line or read from standard input, one per line. In that input, leading and trailing white space is stripped, blank lines are ignored. Standard input may not be a terminal.

DESCRIPTION

Unshar scans the input files (typically email messages) looking for the start of a shell archive. If no files are given, then standard input is processed instead. It then passes each archive discovered through an invocation of the shell program to unpack it.

This program will perform its function for every file named on the command line or every file named in a list read from stdin. The arguments or input names must be pre-existing files. The input list may contain comments, which are blank lines or lines beginning with a '#' character.

OPTIONS

-d *dir*, **--directory**=*dir*
unpack into the directory *dir*.

The input file names are relative to the current directory when the program was started. This option tells **unshar** to insert a **cd** <*dir*> command at the start of the **shar** text written to the shell.

-c, **--overwrite**
overwrite any pre-existing files.

This option is passed through as an option to the shar file. Many shell archive scripts accept a **-c** argument to indicate that existing files should be overwritten.

-f, **--force**
This is an alias for the **--overwrite** option.

-E *split-mark*, **--split-at**=*split-mark*
split input on **split-mark** lines. The default *split-mark* for this option is:
exit 0

With this option, **unshar** isolates each different shell archive from the others which have been placed in the same file, unpacking each in turn, from the beginning of the file to the end. Its proper operation relies on the fact that many shar files are terminated by a readily identifiable string at the start of the last line.

For example, noticing that most 'signatures' have a double hyphen ("--") on a line right before them, one can then sometimes use **--split-at**--. The signature will then be skipped, along with the headers of the following message.

-e, **--exit-0**
split input on "exit 0" lines. This option must not appear in combination with any of the following options: **split-at**.

Most shell archives end with a line consisting of simply "exit 0". This option is equivalent to (and conflicts with) **--split-at="exit 0"**.

-D, **--debug**
debug the shell code.

"set -x" will be emitted into the code the shell interprets.

-h, --help

Display usage information and exit.

-, --more-help

Pass the extended usage information through a pager.

-R [cfgfile], --save-opts [=cfgfile]

Save the option state to *cfgfile*. The default is the *last* configuration file listed in the **OPTION PRESETS** section, below. The command will exit after updating the config file.

-r cfgfile, --load-opts=cfgfile, --no-load-opts

Load options from *cfgfile*. The *no-load-opts* form will disable the loading of earlier config/rc/ini files. *--no-load-opts* is handled early, out of order.

-v [{v|c|n} --version [{v|c|n}]]

Output version of program and exit. The default mode is 'v', a simple version. The 'c' mode will print copyright information and 'n' will print the full copyright notice.

OPTION PRESETS

Any option that is not marked as *not presettable* may be preset by loading values from configuration ("RC" or ".INI") file(s). The file "\$HOME/.sharrc" will be used, if present.

FILES

See **OPTION PRESETS** for configuration files.

EXIT STATUS

One of the following exit values will be returned:

0 (EXIT_SUCCESS)

Successful program execution.

1 (EXIT_FAILURE)

There was an error in command usage.

2 (EXIT_POPEN_PROBLEM)

cannot spawn or write to a shell process

3 (EXIT_CANNOT_CREATE)

cannot create output file

4 (EXIT_BAD_DIRECTORY)

the working directory structure is invalid

5 (EXIT_NOMEM)

memory allocation failure

6 (EXIT_INVALID)

invalid input, does not contain a shar file

66 (EX_NOINPUT)

A specified configuration file could not be loaded.

70 (EX_SOFTWARE)

libopts had an internal operational error. Please report it to autogen-users@lists.sourceforge.net. Thank you.

SEE ALSO

shar(1)

AUTHORS

The *shar* and *unshar* programs is the collective work of many authors. Many people contributed by reporting problems, suggesting various improvements or submitting actual code. A list of these people is in the *THANKS* file in the sharutils distribution.

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BUGS

Please put **sharutils** in the subject line for emailed bug reports. It helps to spot the message.

Please send bug reports to: bug-gnu-utils@gnu.org

NOTES

This manual page was *AutoGen*-erated from the **unshar** option definitions.