NAME

unsquashfs - tool to uncompress squashfs filesystems

SYNOPSIS

unsquashfs [OPTIONS] FILESYSTEM [directories or files to extract]

DESCRIPTION

Squashfs is a highly compressed read—only filesystem for Linux. It uses zlib compression to compress both files, inodes and directories. Inodes in the system are very small and all blocks are packed to minimize data overhead. Block sizes greater than 4K are supported up to a maximum of 64K.

Squashfs is intended for general read-only filesystem use, for archival use (i.e. in cases where a .tar.gz file may be used), and in constrained block device/memory systems (e.g. embedded systems) where low overhead is needed.

OPTIONS

-v, -version print version, licence and copyright information.

-d *PATHNAME*, -dest *PATHNAME* unsquash to *PATHNAME*, default "squashfs-root".

-n, -no-progress don't display the progress bar.

-no, -no-xattrs don't extract xattrs in file system.

-x, -xattrs extract xattrs in file system (default).

-p *NUMBER*, -processors *NUMBER* use *NUMBER* processors. By default will use number of processors available.

-i, -info print files as they are unsquashed.

-li, -linfo print files as they are unsquashed with file attributes (like ls -l output).

-l, -ls

list filesystem, but don't unsquash.

-ll, -lls

list filesystem with file attributes (like ls -l output), but don't unsquash.

-nl, -nls list filesystem with file attributes (like ls -n output), but don't unsquash.

-f, -force if file already exists then overwrite.

display filesystem superblock information.

-e *EXTRACT_FILE*, -ef *EXTRACT_FILE* list of directories or files to extract. One per line.

-da *SIZE*, -data-queue *SIZE*Set data queue to *SIZE* Mbytes. Default 256 Mbytes.

```
-fr SIZE, -frag-queue SIZE
```

Set fragment queue to SIZE Mbytes. Default 256 Mbytes.

-r, -regex

treat extract names as POSIX regular expressions rather than use the default shell wildcard expansion (globbing).

Decompressors available

gzip

lzo

XZ

SEE ALSO

mksquashfs(1)

HOMEPAGE

More information about unsquashfs and the squashfs filesystem can be found at http://squashfs.source-forge.net/>.

AUTHOR

squashfs was written by Phillip Lougher phillip@squashfs.org.uk>.

This manual page was written by Daniel Baumann <mail@daniel-baumann.ch>.