

NAME

thin_restore - restore thin provisioning metadata file to device or file.

SYNOPSIS

```
thin_restore [options] -i {xml file} -o {device|file}
```

DESCRIPTION

thin_restore restores thin provisioning metadata created by the respective device-mapper target dumped into an XML formatted (see **thin_dump**(8)) file, which optionally can be preprocessed before the restore to another device or file. If restored to a metadata device, the metadata can be processed by the device-mapper target.

This tool cannot be run on live metadata.

OPTIONS

-h, --help

Print help and exit.

-V, --version

Print version information and exit.

-q, --quiet

Suppress output messages, return only exit code.

-i, --input {xml file}

Input file containing XML metadata.

-o, --output {device|file}

Output file or device for restored binary metadata.

If a file is used for output, then it must be preallocated, and large enough to hold the metadata.

EXAMPLE

Restores the XML formatted thin provisioning metadata on file metadata to logical volume /dev/vg/metadata for further processing by the respective device-mapper target:

```
$ thin_restore -i metadata -o /dev/vg/metadata
```

DIAGNOSTICS

thin_restore returns an exit code of 0 for success or 1 for error.

SEE ALSO

thin_dump(8), **thin_check**(8), **thin_repair**(8), **thin_rmap**(8), **thin_metadata_size**(8)

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