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.
```

--transaction-id {natural}
Override the transaction id given in the input xml.

--data-block-size {natural}
Override the data block size given in the input xml.

--nr-data-blocks {natural}
Override the nr data blocks given in the input xml.

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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