NAME

thin_repair - repair thin provisioning binary metadata.

SYNOPSIS

thin_repair [*options*] **-i** {device|file} **-o** {device|file}

DESCRIPTION

thin_repair reads binary thin provisioning metadata created by the respective device-mapper target from one device or file, repairs it and writes it to different device or file. If written 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.

-i, --input {device|file}
Input file or device with binary data.

-o, --output {device|file}
Output file or device for binary data.

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

EXAMPLE

Reads the binary thin provisioning metadata from file metadata, repairs it and writes it to logical volume /dev/vg/metadata for further processing by the respective device-mapper target:

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

DIAGNOSTICS

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

SEE ALSO

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

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