

NAME

cache_metadata_size - Estimate the size of the metadata device needed for a given configuration.

SYNOPSIS

cache_metadata_size [*options*]

DESCRIPTION

cache_metadata_size estimates the size of the metadata.

Either **--nr-blocks**, or **--block-size** and **--device-size** must be specified.

OPTIONS

--nr-blocks {natural}

Specify the number of cache blocks.

--block-size {sectors}

Specify the size of each cache block in 512 byte sectors.

--device-size {sectors}

Specify total size of the fast device used in the cache. In 512 byte sectors.

--max-hint-width {nr bytes}

Specify hint width.

Cache policies use a per block 'hint' to record extra info (for instance hit counts). At the moment all policies use a 4 byte hint width. If you want to use a different hint width specify it with this switch.

EXAMPLE

```
$ cache_metadata_size --nr-blocks 10240
```

```
$ cache_metadata_size --block-size 128 --device-size 1024000
```

SEE ALSO

cache_dump(8), **cache_repair(8)**, **cache_restore(8)**

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