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***Rocky Enterprise Linux 9.2 Manual Pages on command 'cache\_metadata\_size.8'***

***\$ man cache\_metadata\_size.8***

cache\_metadata\_size(8)            System Manager's Manual            cache\_metadata\_size(8)

**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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System Manager's Manual

Device Mapper Tools

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