



Linux Ubuntu 22.4.5 Manual Pages on command 'runc-checkpoint.8'

\$ man runc-checkpoint.8

runc-checkpoint (8"") runc-checkpoint (8"")

NAME

runc-checkpoint - checkpoint a running container

SYNOPSIS

runc checkpoint [option ...] container-id

DESCRIPTION

The checkpoint command saves the state of the running container instance with the help of criu(8) tool, to be restored later.

OPTIONS

--image-path path : Set path for saving criu image files. The default is ./checkpoint.

--work-path path : Set path for saving criu work files and logs. The default is to reuse the image files directory.

--parent-path path : Set path for previous criu image files, in pre-dump.

--leave-running : Leave the process running after checkpointing.

--tcp-established : Allow checkpoint/restore of established TCP connections. See criu --tcp-established option ?<https://criu.org/CLI/opt/--tcp-established?>.

--ext-unix-sk : Allow checkpoint/restore of external unix sockets. See criu --ext-unix-sk option ?<https://criu.org/CLI/opt/--ext-unix-sk?>.

--shell-job : Allow checkpoint/restore of shell jobs.

--lazy-pages : Use lazy migration mechanism. See criu --lazy-pages option ?<https://criu.org/CLI/opt/--lazy-pages?>.

`--status-fd fd` : Pass a file descriptor `fd` to `criu`. Once lazy-pages server is ready, `criu` writes `\0` (a zero byte) to that `fd`. Used together with `--lazy-pages`.

`--page-server IP-address:port` : Start a page server at the specified IP-address and port. This is used together with `criu lazy-pages`. See `criu lazy migration` ?https://criu.org/Lazy_migration?.

`--file-locks` : Allow checkpoint/restore of file locks. See `criu --file-locks` option ?<https://criu.org/CLI/opt/--file-locks?>.

`--pre-dump` : Do a pre-dump, i.e. dump container's memory information only, leaving the container running. See `criu iterative migration` ?https://criu.org/Iterative_migration?.

`--manage-cgroups-mode soft|full|strict` : Cgroups mode. Default is `soft`. See `criu --manage-cgroups` option ?<https://criu.org/CLI/opt/--manage-cgroups?>.

`--empty-ns namespace` : Checkpoint a namespace, but don't save its properties. See `criu --empty-ns` option ?<https://criu.org/CLI/opt/--empty-ns?>.

`--auto-dedup` : Enable auto deduplication of memory images. See `criu --auto-dedup` option ?<https://criu.org/CLI/opt/--auto-dedup?>.

SEE ALSO

`criu(8)`, `runc-restore(8)`, `runc(8)`, `criu(8)`.

`runc-checkpoint (8)"`