

**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  $\backslash0$  (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](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](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)**.