

NAME

runc-run – create and start a container

SYNOPSIS

runc run [*option ...*] *container-id*

DESCRIPTION

The **run** command creates an instance of a container from a bundle, and starts it. You can think of **run** as a shortcut for **create** followed by **start**.

OPTIONS

--bundle|-b *path* : Path to the root of the bundle directory. Default is current directory.

--console-socket *path* : Path to an **AF_UNIX** socket which will receive a file descriptor referencing the master end of the console's pseudoterminal. See docs/terminals (<https://github.com/opencontainers/runc/blob/master/docs/terminals.md>).

--detach|-d : Detach from the container's process.

--pid-file *path* : Specify the file to write the initial container process' PID to.

--no-subreaper : Disable the use of the subreaper used to reap reparented processes.

--no-pivot : Do not use pivot root to jail process inside rootfs. This should not be used except in exceptional circumstances, and may be unsafe from the security standpoint.

--no-new-keyring : Do not create a new session keyring for the container. This will cause the container to inherit the calling processes session key.

--preserve-fds *N* : Pass *N* additional file descriptors to the container (**stdio** + **\$LISTEN_FDS** + *N* in total). Default is **0**.

--keep : Keep container's state directory and cgroup. This can be helpful if a user wants to check the state (e.g. of cgroup controllers) after the container has exited. If this option is used, a manual **runc delete** is needed afterwards to clean an exited container's artefacts.

SEE ALSO

runc(8).