

Lxccpid

This tool is used to find the PID of a process given its (grand)parent PID and process name. Also a timeout in millis should be passed. The PID, if found, is output to stdout.

```
lxccpid - find process pid given parent pid and process name.  
Usage:  
lxccpid --ppid <parent_pid> <child_name> <timeout_ms>
```

The parent PID can be its direct parent process but also higher up the chain. The processname supports a wildcard, for example: `lxccpid --ppid 123 /usr/bin/test* 2000`. This will look for a child process which cmdline starts with `/usr/bin/test` and a parent or grandparent with PID 123. It will try to find it for 2 seconds, then times out if not found. Nothing will be printed to stdout in that case.

lxccpid reads from `/proc` to list the processes and reads `/proc/xx/stat` and `/proc/xx/cmdline`. It reads the procfs every 100 millis to try to find the child PID, until timeout.

Yocto location

The recipe and the lxccpid sources can be found here: **`/meta-containers/recipes-containers/lxccpid/`**