Linux Namespaces

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1 (init)

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/prod/<PID>/ns ID

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```
$ ls -al /proc/1/ns
total 0
dr-x--x--x 2 root root 0 Jan 31 03:47 .
dr-xr-xr-x 9 root root 0 Jan 24 14:46 ..
lrwxrwxrwx 1 root root 0 Jan 31 03:47 cgroup -> 'cgroup:[4026531835]'
lrwxrwxrwx 1 root root 0 Jan 31 03:47 ipc -> 'ipc:[4026531839]'
lrwxrwxrwx 1 root root 0 Jan 31 03:47 mnt -> 'mnt:[4026531840]'
lrwxrwxrwx 1 root root 0 Jan 31 03:47 net -> 'net:[4026531993]'
lrwxrwxrwx 1 root root 0 Jan 31 03:47 pid -> 'pid:[4026531836]'
lrwxrwxrwx 1 root root 0 Jan 31 03:47 pid_for_children -> 'pid:[4026531836]'
lrwxrwxrwx 1 root root 0 Jan 31 03:47 user -> 'user:[4026531837]'
lrwxrwxrwx 1 root root 0 Jan 31 03:47 uts -> 'uts:[4026531838]'
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- Cgroup (cgorup)
- IPC (ipc)
- (network)
- (mnt)
- PID (pid)
- UTS (user)
- (uts)
- (time)

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```
$ ls -l /proc/1074/ns
total 0
lrwxrwxrwx 1 root root 0 Jan 31 04:08 cgroup -> 'cgroup:[4026531835]'
lrwxrwxrwx 1 root root 0 Jan 31 04:08 ipc -> 'ipc:[4026531839]'
lrwxrwxrwx 1 root root 0 Jan 31 04:08 mnt -> 'mnt:[4026531840]'
```

```
lrwxrwxrwx 1 root root 0 Jan 31 04:08 net -> 'net:[4026531993]'
lrwxrwxrwx 1 root root 0 Jan 31 04:08 pid -> 'pid:[4026531836]'
lrwxrwxrwx 1 root root 0 Jan 31 04:08 pid_for_children -> 'pid:[4026531836]'
lrwxrwxrwx 1 root root 0 Jan 31 04:08 user -> 'user:[4026531837]'
lrwxrwxrwx 1 root root 0 Jan 31 04:08 uts -> 'uts:[4026531838]'
```

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diff   .

```
$ diff <(ls -Al /proc/1/ns | awk '{ print $11 }')  \
       <(ls -Al /proc/1074/ns | awk '{ print $11 }')
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namespace   man   . man   SEE ALSO
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[namespaces(7) - Linux manual page](https://atl.kr/dokuwiki/doku.php/linux_namespaces?rev=1722478464)

- https://www.44bits.io/ko/keyword/linux-namespace