

LXD Dev Environment Cheat Sheet

■ Inspect Instances

| Action | Command |
|-----------------------------|---|
| List all instances | <code>`lxc list`</code> |
| Info about an instance | <code>`lxc info dev-env`</code> |
| Show only running | <code>`lxc list --state=RUNNING`</code> |
| Show container resource use | <code>`lxc info dev-env`</code> |

■ ■ Start / Stop / Restart

| Action | Command |
|--------------------------|---|
| Start container | <code>`lxc start dev-env`</code> |
| Stop (graceful) | <code>`lxc stop dev-env`</code> |
| Stop (force) | <code>`lxc stop dev-env --force`</code> |
| Restart | <code>`lxc restart dev-env`</code> |
| Delete (must be stopped) | <code>`lxc delete dev-env`</code> |

■ Snapshots

| Action | Command |
|------------------|---|
| Create snapshot | <code>`lxc snapshot dev-env snap1`</code> |
| List snapshots | <code>`lxc info dev-env`</code> |
| Restore snapshot | <code>`lxc restore dev-env snap1`</code> |
| Delete snapshot | <code>`lxc delete dev-env/snap1`</code> |

■ Export / Import

| Action | Command |
|------------------|--|
| Export to file | <code>`lxc export dev-env dev-env.tar.gz`</code> |
| Import from file | <code>`lxc import dev-env.tar.gz`</code> |

■ Storage

| Action | Command |
|-------------------|---|
| View storage info | <code>`lxc storage info default`</code> |
| Resize root disk | <code>`lxc config device set dev-env root size 20GB`</code> |

■■ Configuration

| Action | Command |
|-----------------------|---|
| Enable Docker support | <code>`lxc config set dev-env security.nesting true`</code> <code>`lxc config set dev-env security.privileged true`</code> |
| Mount Docker socket | <code>`lxc config device add dev-env docker-socket disk source=/var/run/docker.sock`</code> |

■ Files

| Action | Command |
|--------------------------|---|
| Push file to container | <code>`lxc file push ./file dev-env/root/`</code> |
| Pull file from container | <code>`lxc file pull dev-env/root/file ./`</code> |

■ Exec / Shell

| Action | Command |
|--------------------|--|
| Run command inside | <code>`lxc exec dev-env -- <cmd>`</code> |
| Open shell inside | <code>`lxc exec dev-env -- bash`</code> |