



Container Debugging & Cleanup Checklist

The everyday commands for looking inside a container and cleaning up without guessing.

Inspect -> Debug -> Clean -> Rebuild

LOOK INSIDE

- `docker exec -it <c> sh`
- `docker logs -f <c>`
- `docker inspect <c>`
- `docker inspect -f '{{.State...}}'`

CLEAN UP

- `docker system df` first
- `docker system prune`
- `prune -a` removes unused images too
- `prune --volumes`: check ls first

SMALLER IMAGES

- Multi-stage builds
- Build stage keeps the toolchain
- Final stage: `COPY --from=build`
- Smaller, safer final image

DON'T DO THIS

- Patch a running container by hand
- Rely on the latest tag
- Run as root by default
- Rebuild the image instead