
Living in toolbox containers

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Toolboxes

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- linux rootless pet containers
- running over Podman or Docker
- shares /home and host resources

Toolbox projects

currently 2 major projects:

- Toolbox
- Distrobox

(There is/was also CoreOS toolbox)

<https://github.com/containers/toolbox>



T O O L B O X

Toolbx

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- Available as:
 - `toolbox` in Fedora, RHEL, Arch
 - `podman-toolbox` in Debian & Ubuntu
- <https://containertoolbx.org/>
- <https://repology.org/project/toolbox-development-environment/versions>

Toolbx images

Toolbox needs custom toolbox container images:

- `registry.fedoraproject.org/fedora-toolbox:{36,37,38,39}`

<https://github.com/toolbx-images/images>

- <https://quay.io/organization/toolbx-images> has images for:

alpine, almalinux, amazonlinux, archlinux, centos, debian, rockylinux, opensuse, rhel, ubuntu

Toolbx under the hood

Distrobox



Distrobox

<https://github.com/89luca89/distrobox/>

- collection of shell script commands: `distrobox-*`
- <https://github.com/89luca89/distrobox/blob/main/docs/compatibility.md>
- <https://repology.org/project/distrobox/versions>

Thanks!

Toolbox projects:

1. Toolbx: <https://github.com/containers/toolbox>
2. Distrobox: <https://github.com/89luca89/distrobox/>

Contact me:

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- slides: <https://github.com/juhp/presentations/tree/master/fossasia2023-toolboxes/> written in Typst