skopeo Move container images

Source docker:// dir: oci: → `skopeo copy` → **skopeo** no daemon, no root → `writes` → **Destination** docker:// dir: oci-archive:

copy moves manifest, layers and signatures between any two transports

CONCEPTS

Skopeo needs no daemon and no root: it talks to registries and storage directly, without pulling images first.

CONCEPTS (cont.)

Transports (image name prefixes)

Prefix	Points at
`docker://<ref>`	Registry (Docker Registry API v2)
`dir:<path>`	Directory of manifest and layer files
`oci:<path>:<tag>`	OCI image layout directory
`oci-archive:<path>:<tag>`	Tar of an OCI layout
`docker-archive:<path>`	Tar made by docker save
`docker-daemon:<ref>`	Local Docker daemon (needs tag)
`containers-storage:<ref>`	Podman/ Buildah local storage

CONCEPTS (cont.)

Global options such as `--override-arch` go before the subcommand; subcommand options go after it.

INSPECT & LIST

`skopeo inspect docker://` *`<image>`*
Show manifest summary without pulling

`skopeo list-tags docker://` *`<repo>`*
List tags in a repository

`skopeo inspect --config docker://` *`<image>`*
Show the image config (env, cmd, arch)

`skopeo inspect --raw docker://` *`<image>`*
Print the raw manifest

`skopeo inspect --format '{{ .Digest }}' docker://` *`<image>`*
Pick one field with a Go template

`skopeo inspect --no-tags docker://` *`<image>`*
Leave out the long tag list

COPY

`skopeo copy` *`<src> <dst>`*
Copy an image between transports

`skopeo copy docker://` *`<image>`* **`dir:`** *`<path>`*
Download layers to a directory

`skopeo copy --all` *`<src> <dst>`*
Copy every platform plus the list

`skopeo copy --format` *`<oci|v2s1|v2s2> <src> <dst>`*
Convert manifest type

`skopeo copy --digestfile` *`<file> <src> <dst>`*
Write resulting digest to a file

`skopeo copy --retry-times` *`<n>`* **`--retry-delay`** *`<t> <src> <dst>`*
Retry flaky transfers

SYNC & DELETE

`skopeo sync --src docker --dest docker` *`<src> <dst>`*
Mirror all tags of a repo

`skopeo sync --src docker --dest dir` *`<repo> <dir>`*
Registry to local directory

SYNC & DELETE (cont.)

`skopeo sync --src yaml --dest docker` *`<file.yml> <dst>`*
Sync what a YAML file lists

`skopeo delete docker://` *`<image>`*
Mark an image for deletion

AUTH & TLS

`skopeo login` *`<registry>`*
Log in and store credentials

`skopeo logout` *`<registry>`*
Remove stored credentials

`skopeo login -u` *`<user>`* **`--password-stdin`** *`<registry>`*
Log in with password from stdin

`skopeo copy --src-creds` *`<u:p>`* **`--dest-creds`** *`<u:p> <src> <dst>`*
Separate credentials per side

PLATFORM & POLICY

`skopeo --override-arch` *`<arch>`* **`inspect docker://`** *`<image>`*
Look at another architecture