LEARN as you COLOR!

redhat.

the CONTAINER COMMANDOS COLORING BOOK

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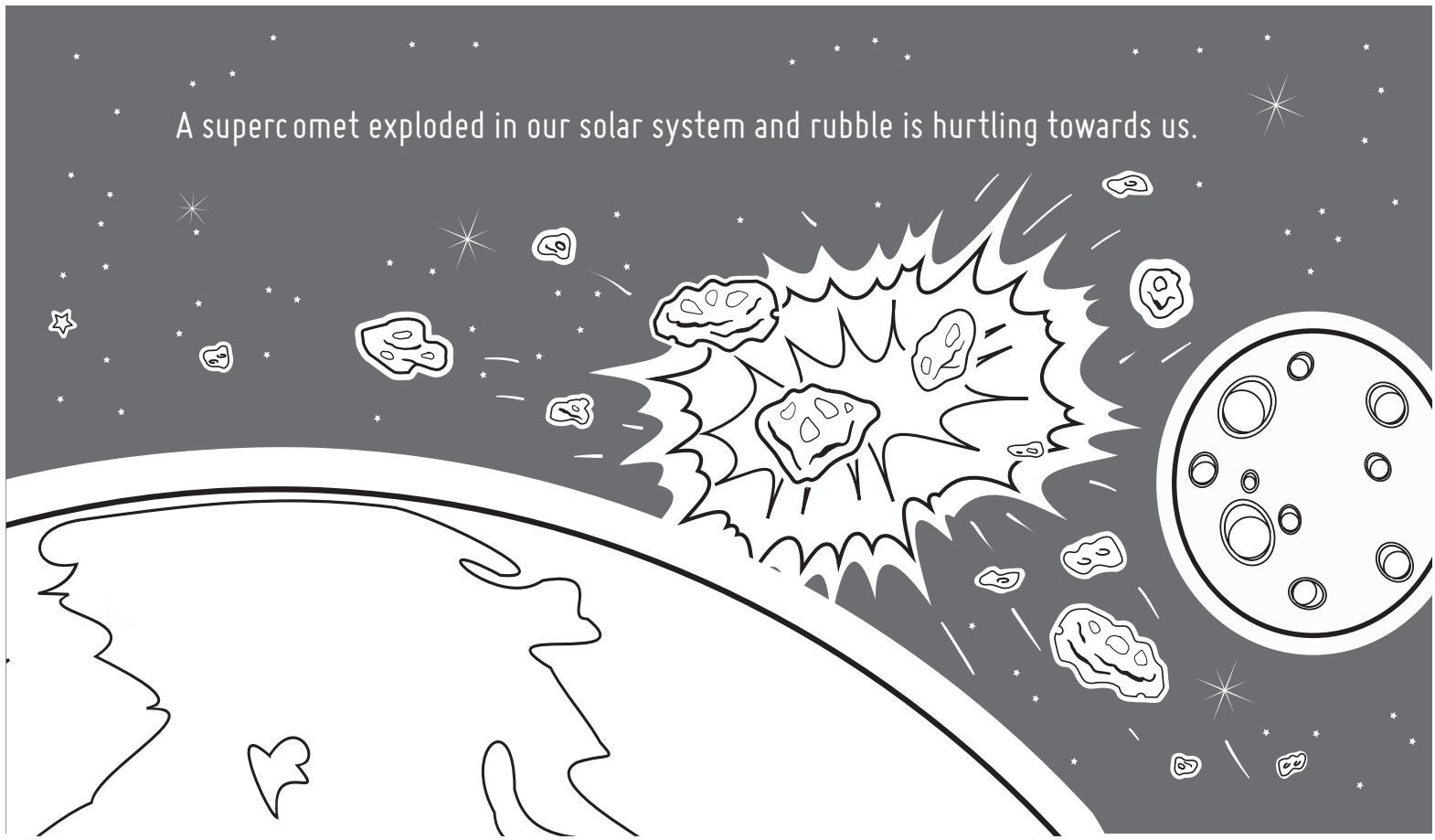
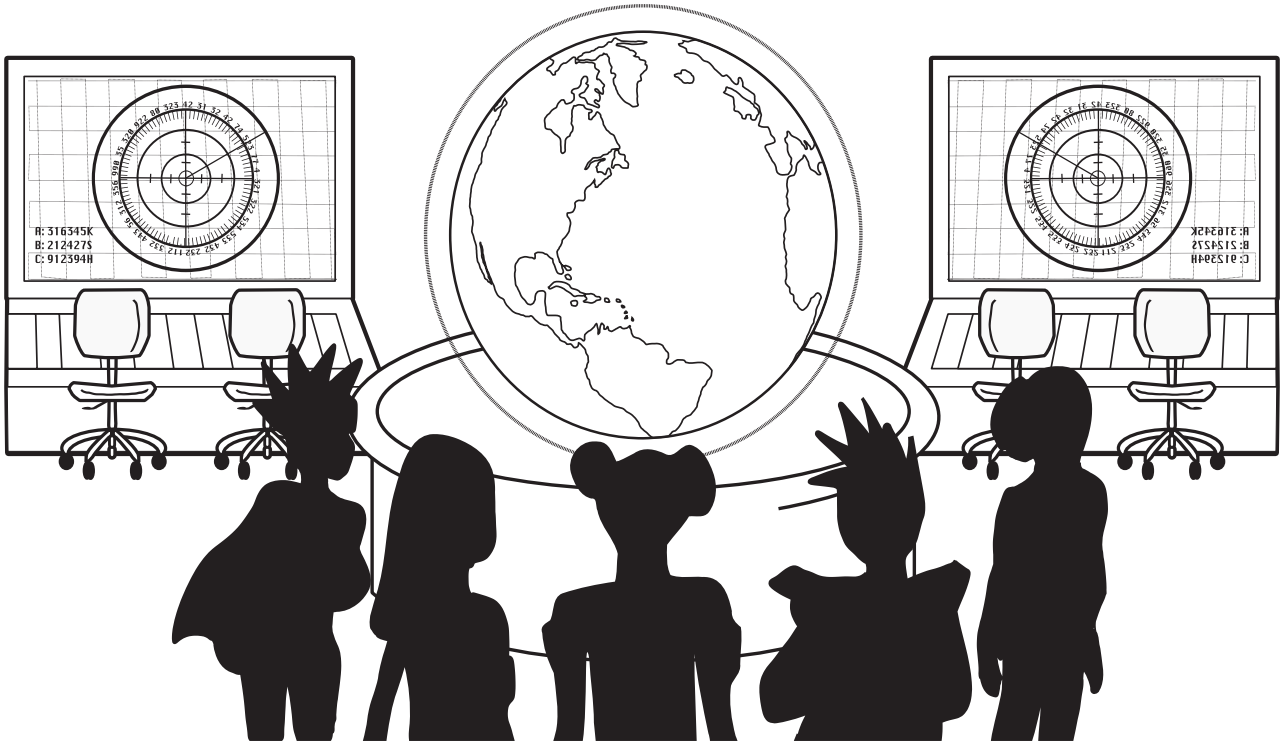
THE EARTH IS IN DANGER...

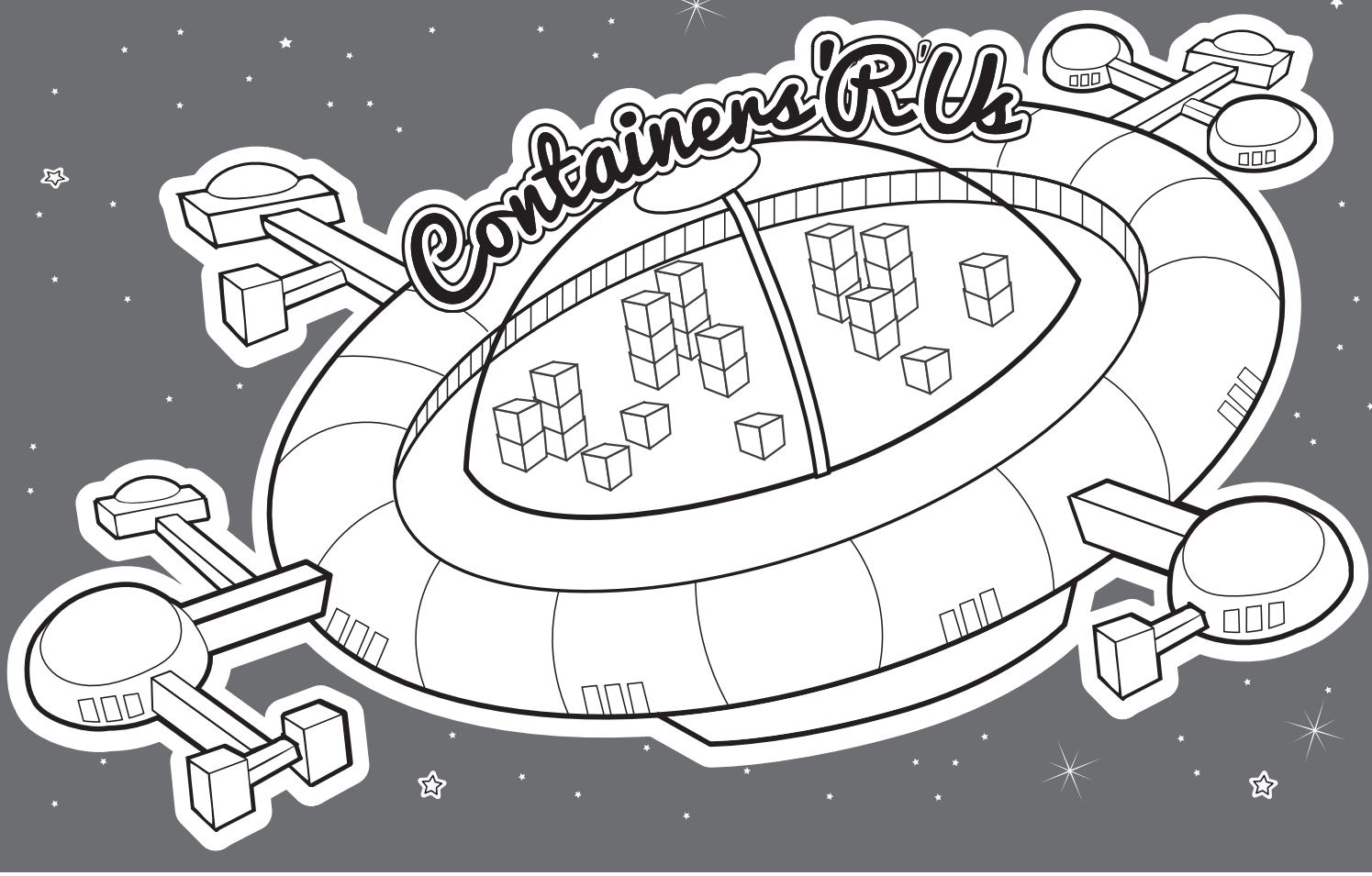
A supercomet exploded in our solar system and rubble is hurtling towards us.

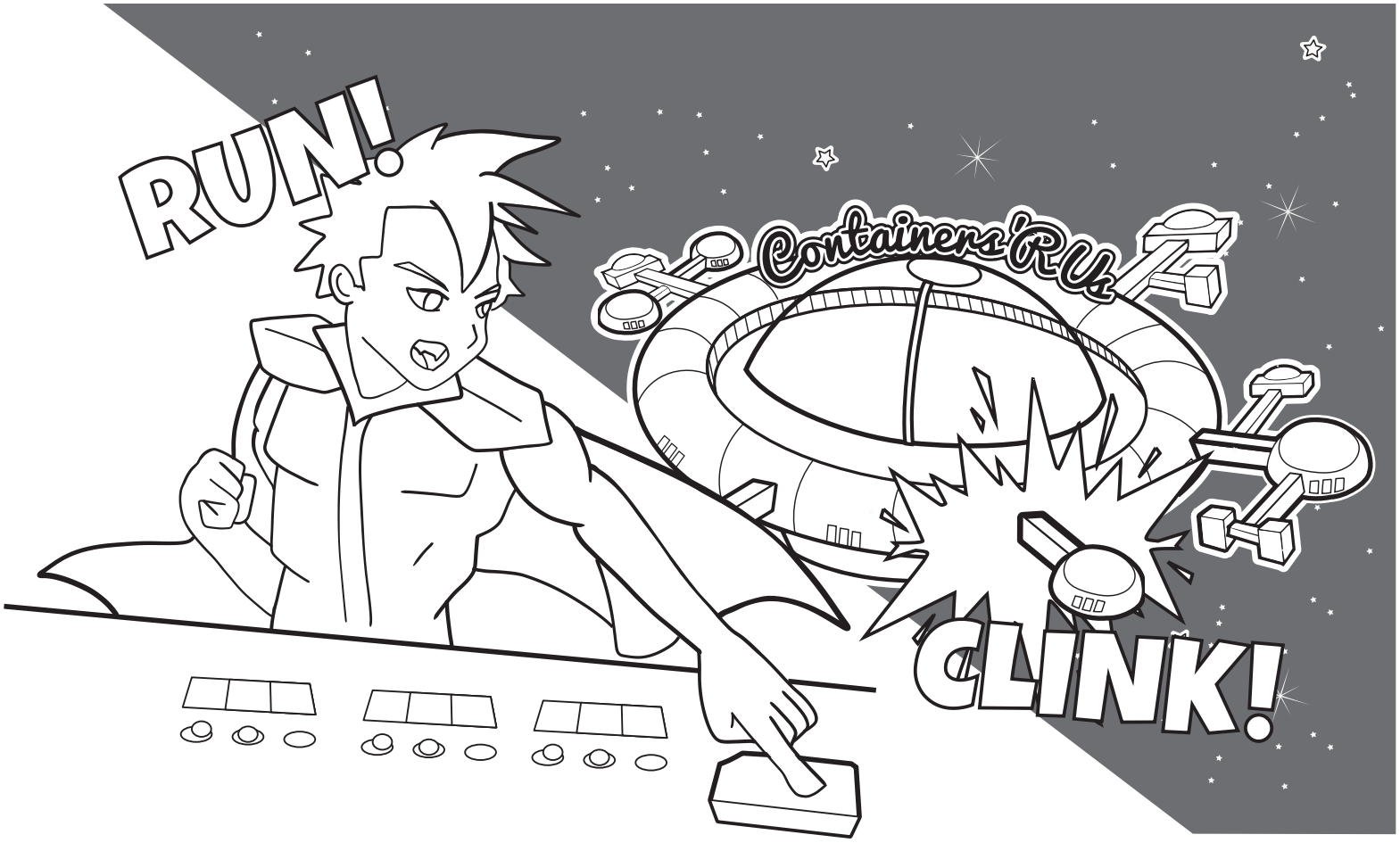


The Global Superhero Alliance must deploy a shield to protect—and save—the planet.



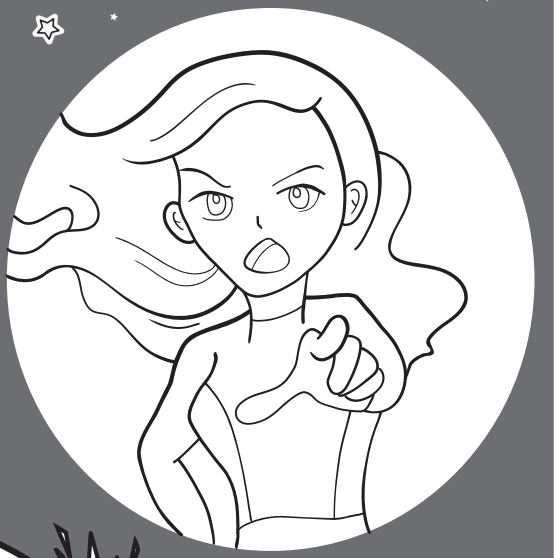
The alliance has partnered with Containers 'R' Us to develop, build, deploy, and manage the container-based, anti-rubble protective shield. Containers 'R' Us delivers containers from a centralized launch station.





"Containers 'R' Us! Build and deploy the laser-guided targeting container!!"

"LAUNCH THE IMPACT ABSORPTION SHIELD CONTAINER!"



"LAUNCH THE REFLECTIVE SHIELD CONTAINER!"

CLINK!

CLINK!

CLINK!

CLINK!

"10 MORE LASER-GUIDED TARGETING CONTAINERS!"

"20 MORE OBJECT DETECTION CONTAINERS!"

WHIRRRRRR...

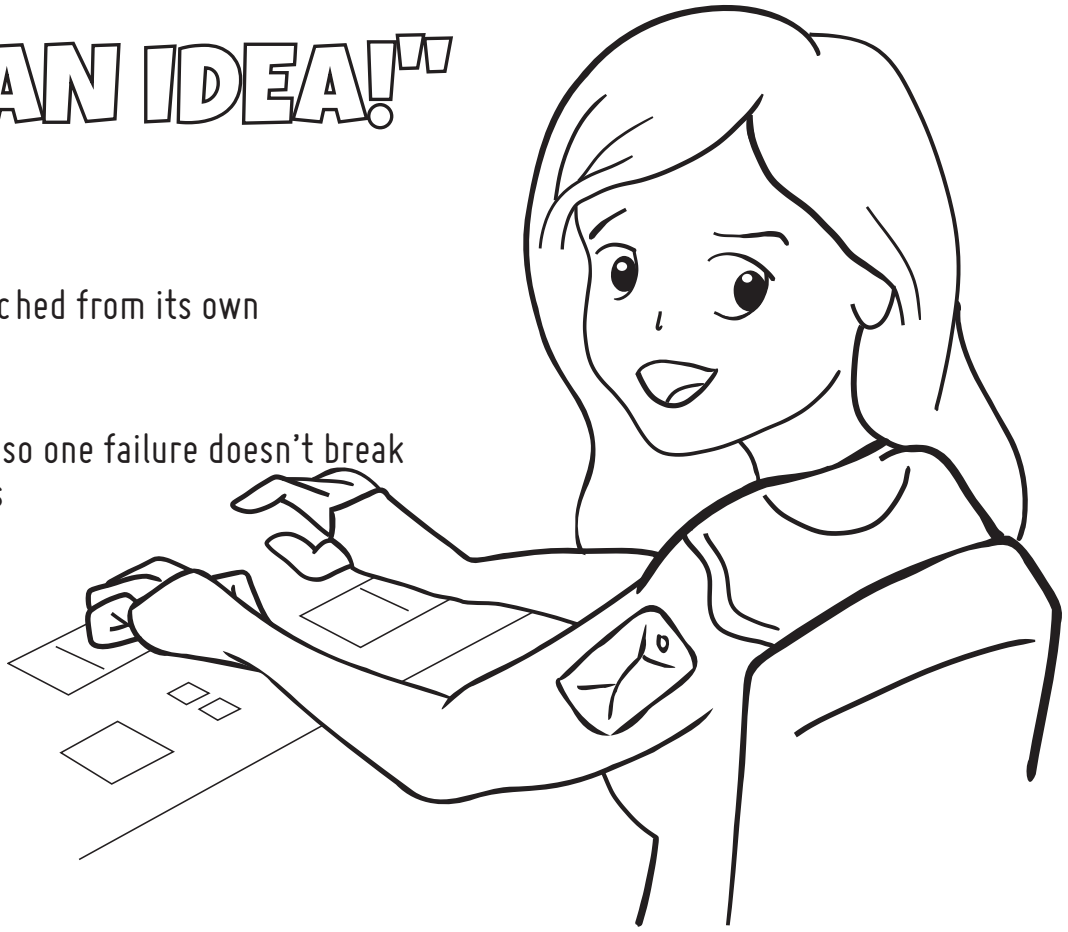
"I HAVE AN IDEA!"

"What if..."

"...Each container was launched from its own process?"

"....Each tool was separate, so one failure doesn't break all, and we could swap tools based on need?"

"...We could innovate in a broad, distributed, diverse community, instead of



MEET THE

CONTAINER COMMANDOS!

A crack team of individual superheroes, each with strengths tailored for specific container purposes, all collaborating together but no single one overriding all...

PODMAN!

SUPERPOWER:
Low-level, daemonless container image management

A command-line tool for the development of containers. Run standalone, non-orchestrated containers as well as groups of containers called 'pods.' Podman makes it quick, easy, and lightweight to develop, test, and debug containers.

https://github.com/projectatomic/libpod

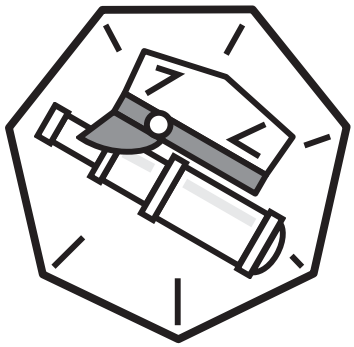
BUILDAH!

SUPERPOWER:
Builds container images

Build both working containers and images in various formats, most notably the open container image (OCI) format. Buildah lets you mount and modify the image's filesystem layer to create a new image. It provides low-level container image constructs so other, higher-level tools can build images in new and interesting ways and it supports Dockerfiles.

https://github.com/projectatomic/buildah

SKOPEO!



SUPERPOWER:
Teleports containers

Skopeo inspects remote container images on registries, but it's more powerful than that. It can copy images between different container image stores or directly into docker daemon or containers/storage—sharing it with CRI-O, buildah, and podman. Skopeo can also convert between Docker and OCI images.

https://github.com/projectatomic/skopeo

CRI-O!

SUPERPOWER:
Runs containers in production

A container runtime based on the Open Container Initiative and the Kubernetes Container Runtime Interface (CRI). Once your containers are ready to run in production, CRI-O can help. It specializes in servicing the needs of the Kubernetes orchestrator—pulling images, creating containers on them, and removing them from the system.

https://github.com/kubernetes-incubator/cri-o

OPENSHIFT!

SUPERPOWER:
Orchestrates containers and container images

OPENSHIFT

Red Hat OpenShift is a container application platform that brings containers to the enterprise. OpenShift includes Kubernetes to automate the deployment, scaling, and management of containerized apps. It also adds developer- and operations-centric tools that enable rapid application development, easy deployment and scaling, and long-term life-cycle maintenance for teams.

https://openshift.io

"We couldn't get a communications line back up to the launch station."

"Thanks to the Container Commandos, we redesigned our container deployment using a decentralized model. Now, one component process going down won't bring everything else with it."

"When the rubble came within range, we were ready—and our system held up!"

The planet is safe!

Separate processes. Specialized projects. Great teamwork.
Check them out for your container projects!

THE END...

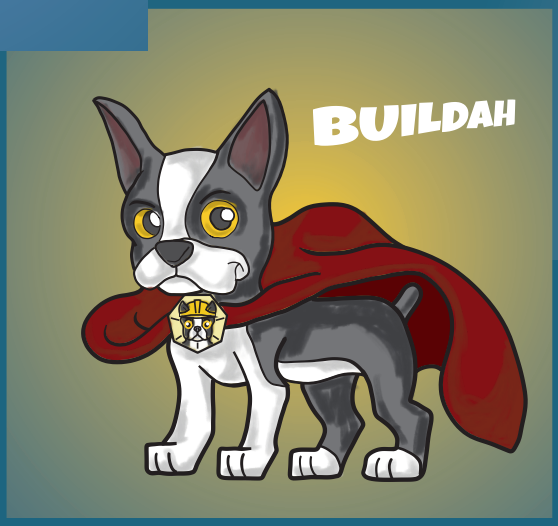
Or is it? More adventures await with a new member joining the team—CoreOS! Stay tuned...

SKOPEO

PODMAN

CRI-O

OPENSHIFT


BUILDAH