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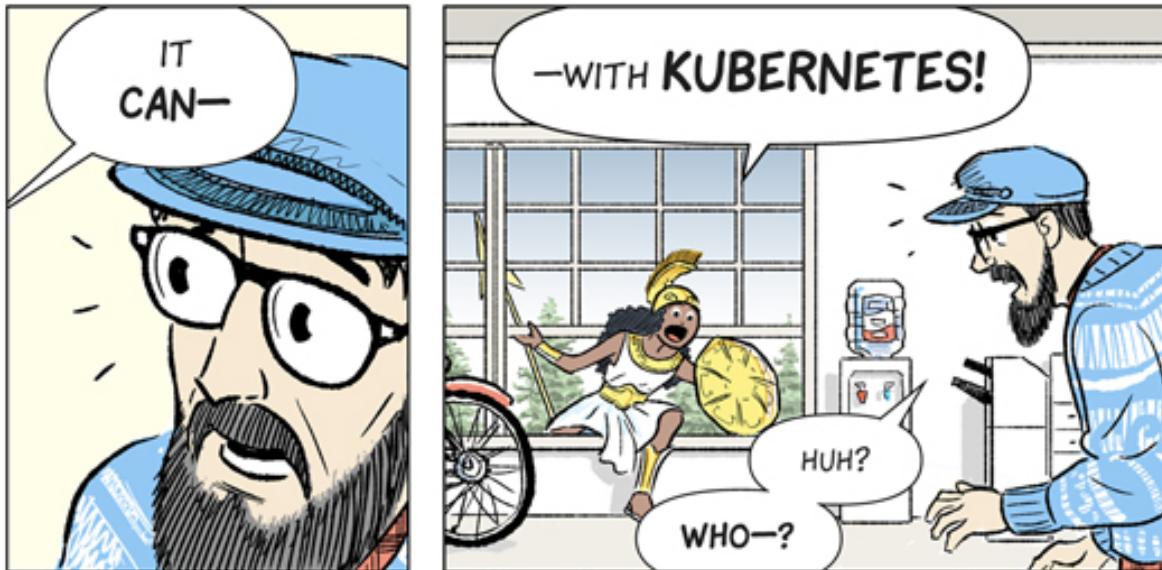


LEARN ABOUT KUBERNETES AND HOW YOU CAN USE IT
FOR CONTINUOUS INTEGRATION AND DELIVERY.

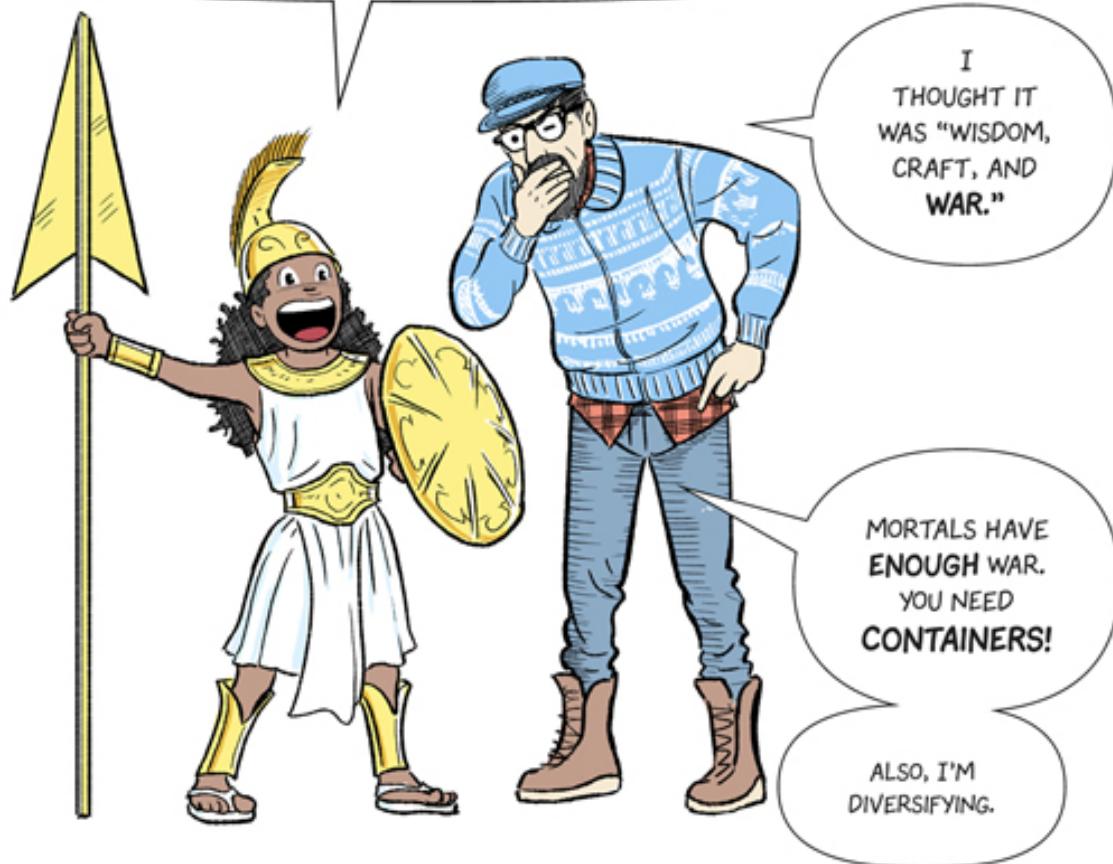




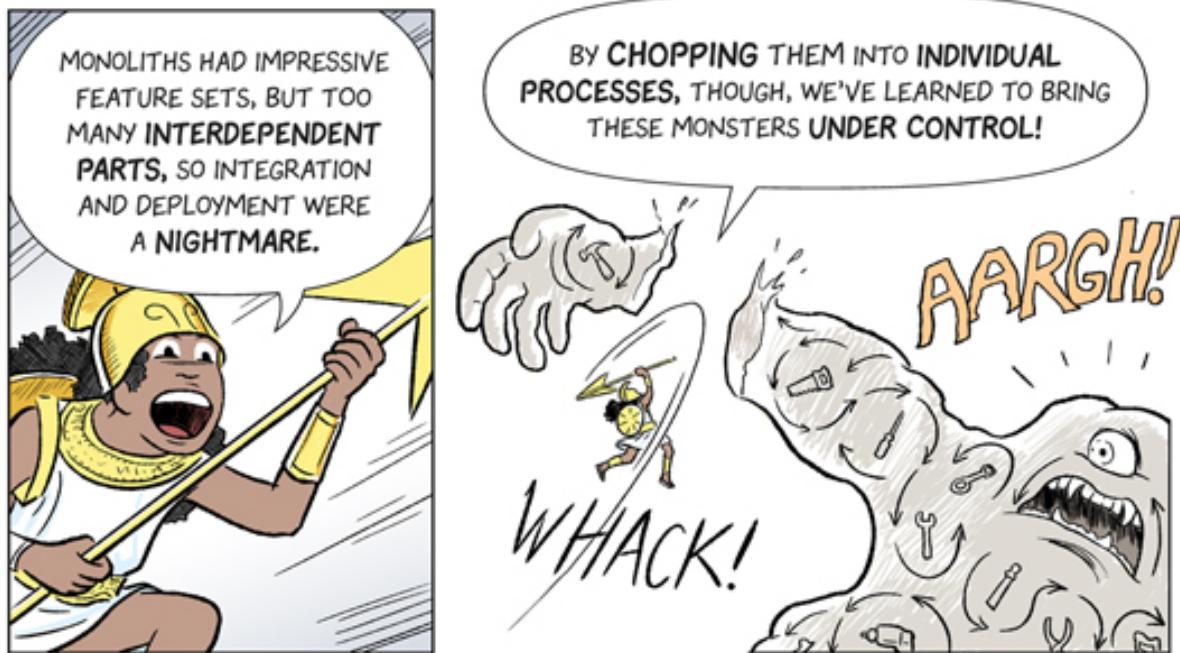
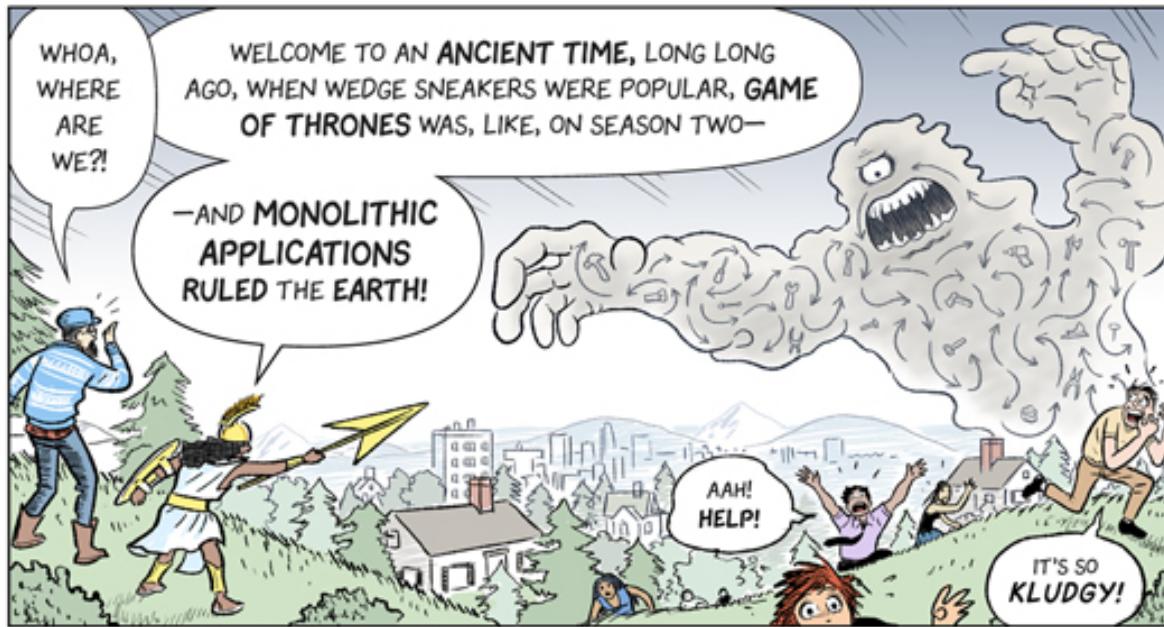




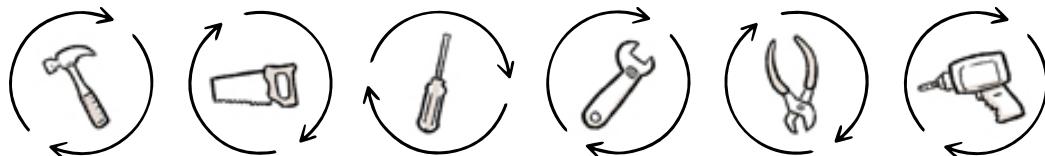
IT'S ME, **ATHENA!** GODDESS OF WISDOM,
CRAFT, AND CONTAINERIZED APPLICATIONS.



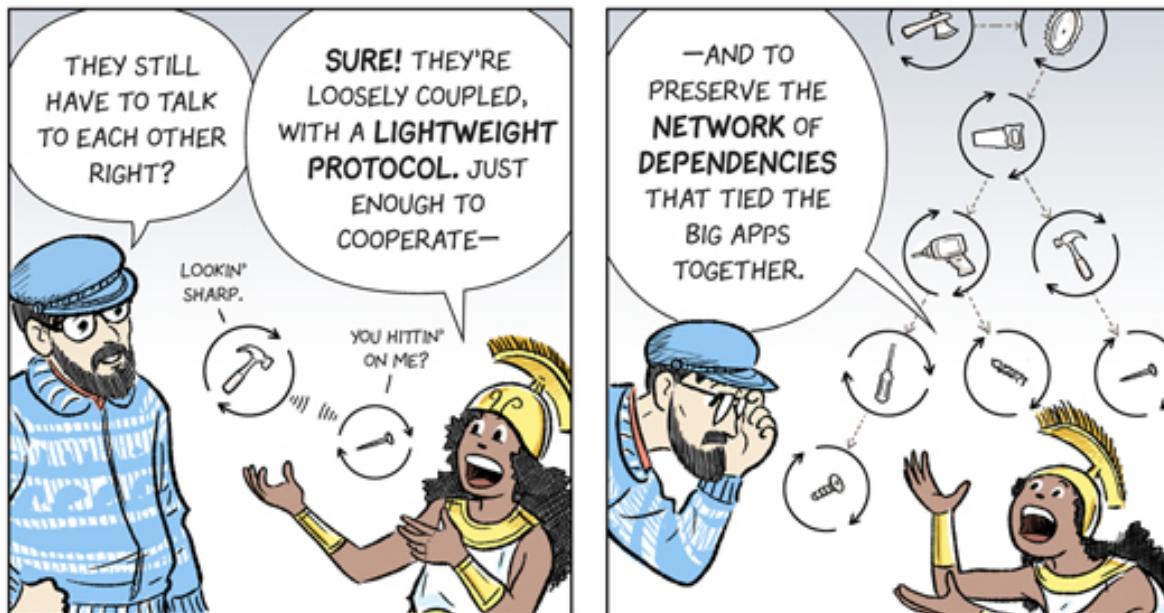


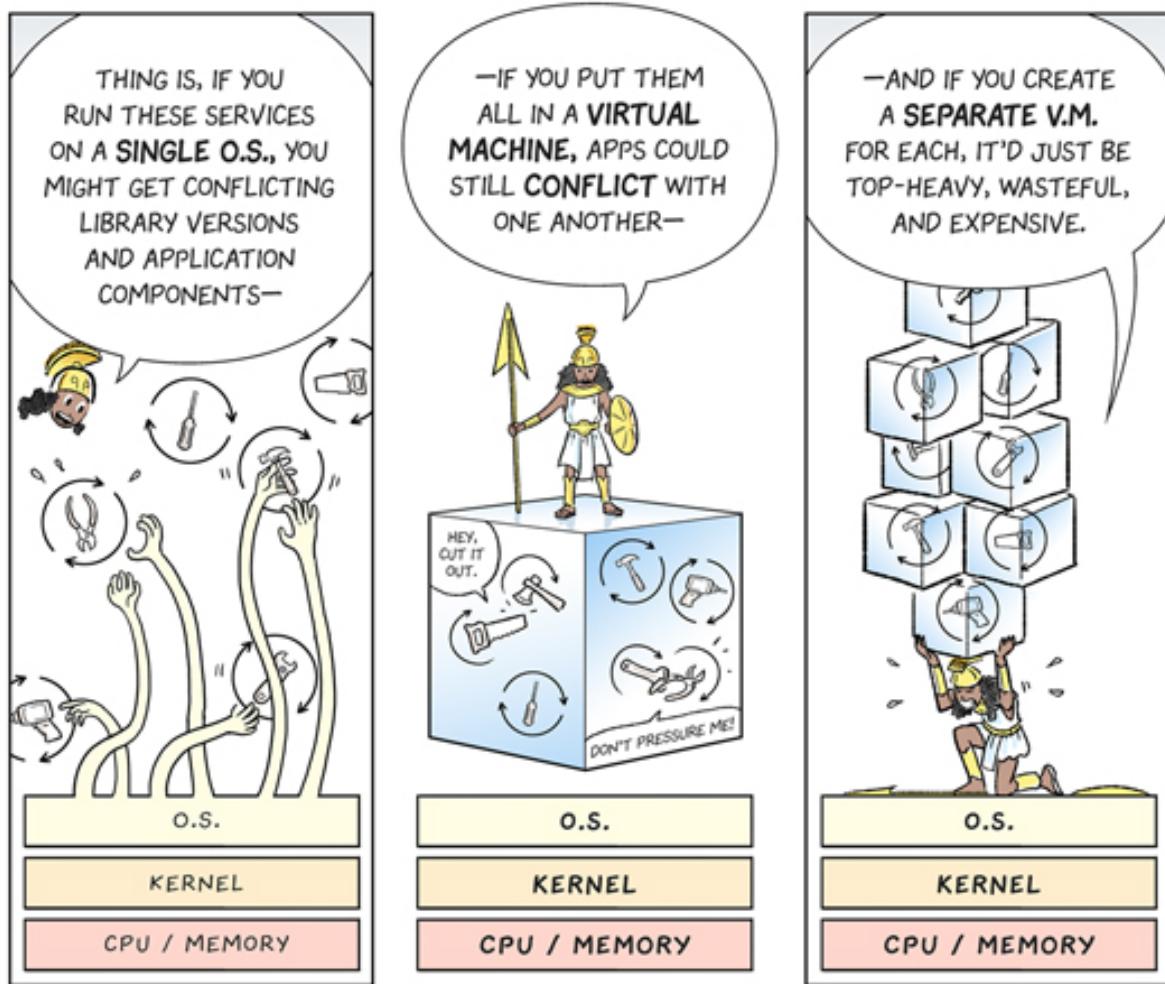


EACH ONE OF THESE "MICROSERVICES" CAN NOW BE DEBUGGED, UPDATED, AND DEPLOYED INDIVIDUALLY WITHOUT THE WHOLE PROJECT COMING TO A STANDSTILL.



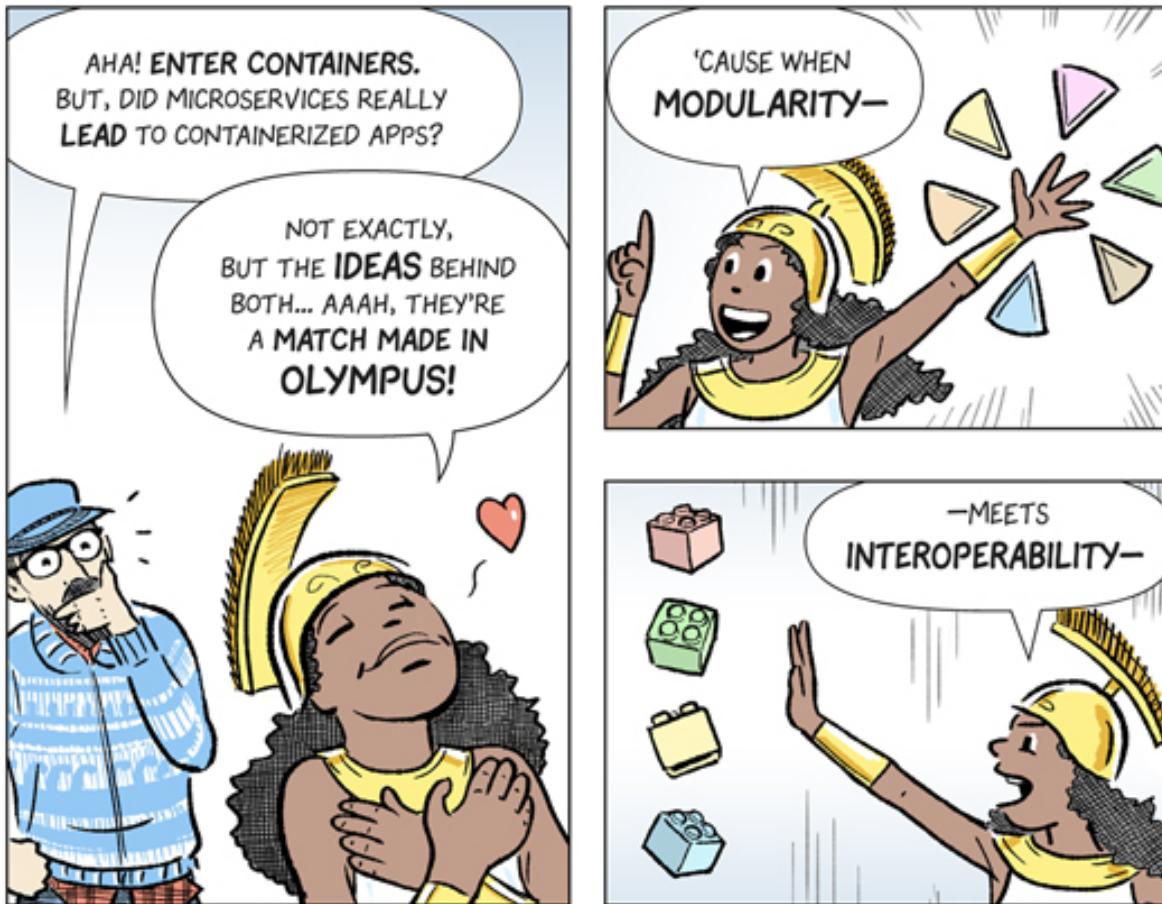
AN IMPORTANT STEP ON THE PATH TO CONTINUOUS INTEGRATION AND DELIVERY.







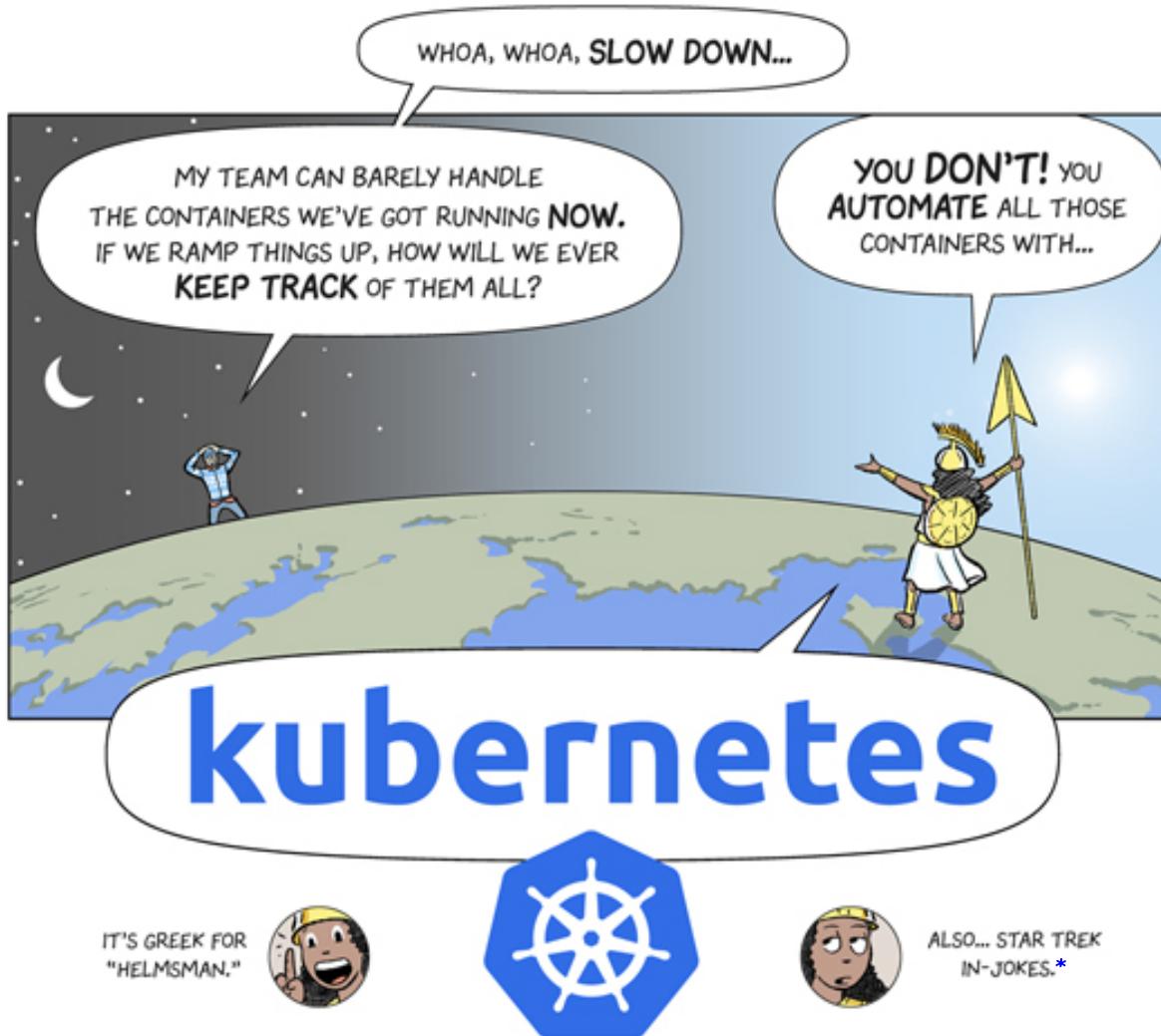
A SELF-CONTAINED PROCESS.

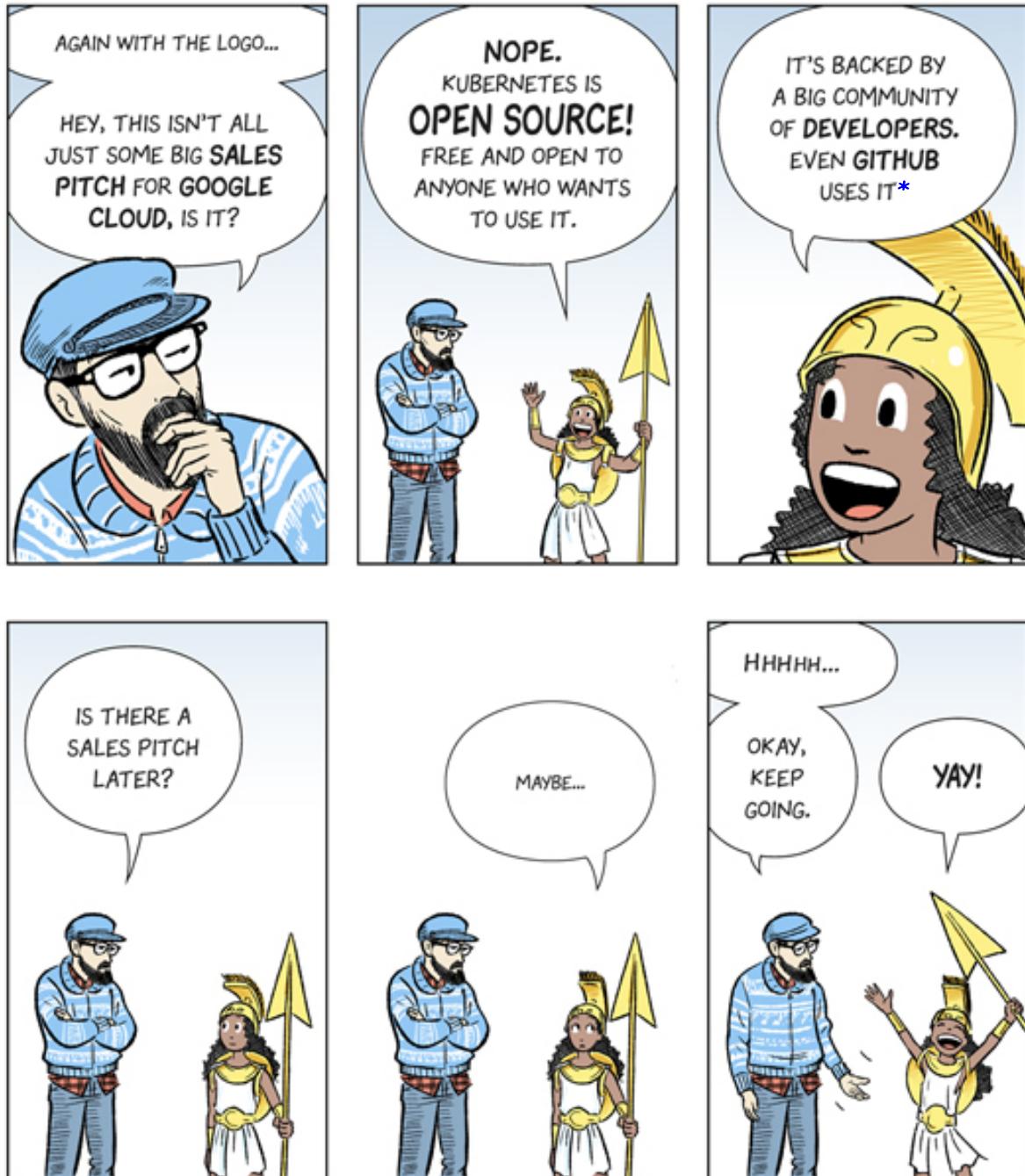


—YOU CAN START EXPLOITING WHOLE NEW LEVELS OF—



-ANYWHERE AND ANYTIME ACROSS THE WORLD!

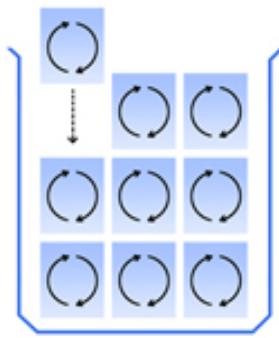




SO, KUBERNETES HAS A FEW KEY GOALS:

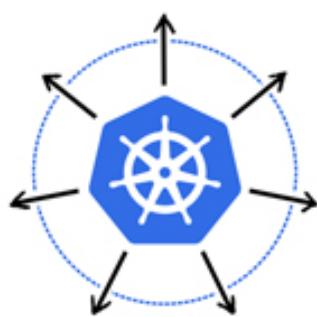


TO DISTRIBUTE
CONTAINERS IN A LOGICAL
AND EFFICIENT WAY.



TRANSLATION:
MAXIMIZE CAPACITY

TO SCALE UP (OR DOWN)
FAST WITH THE OPS YOU
ALREADY HAVE.

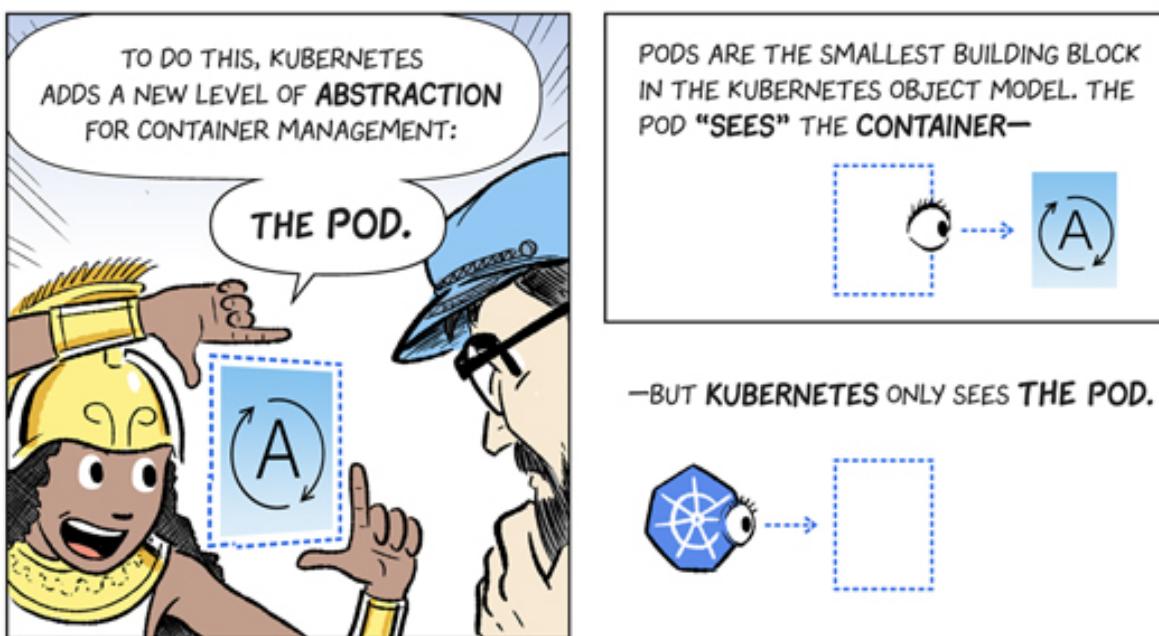
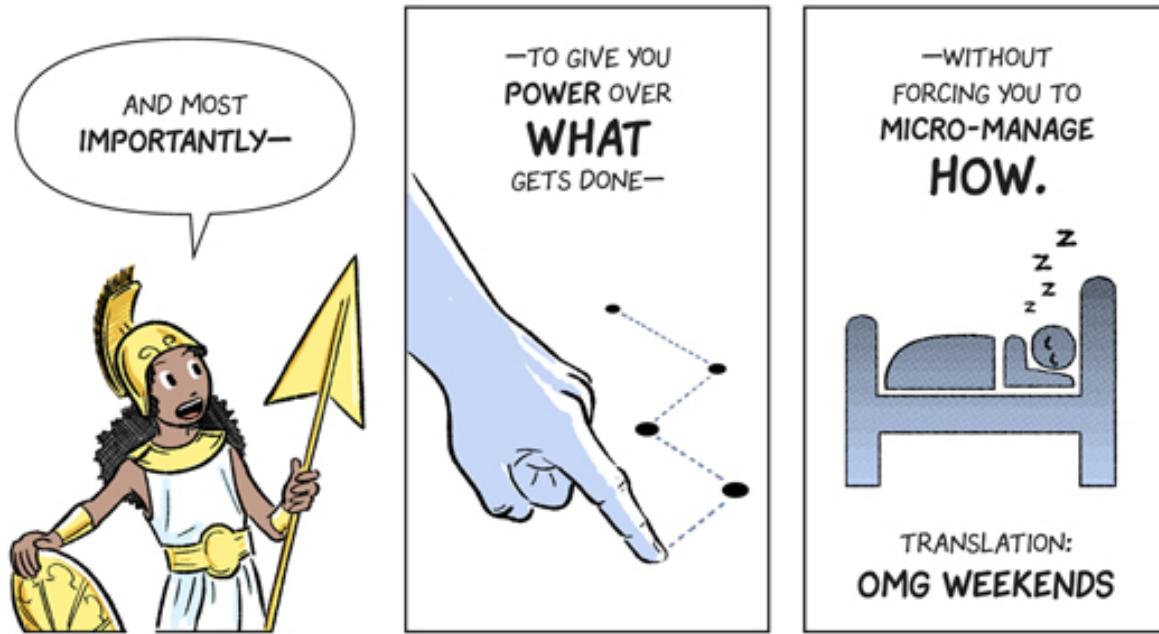


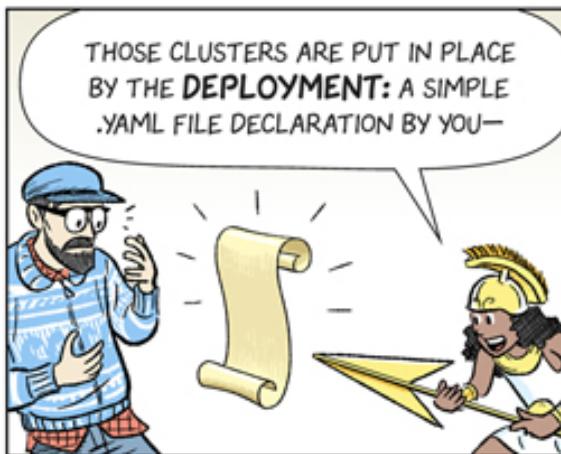
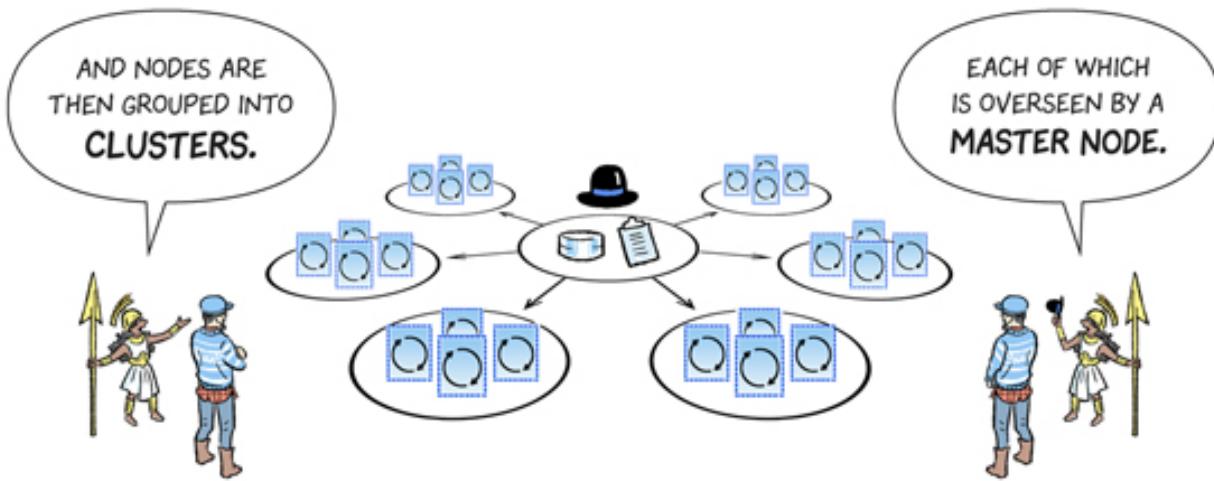
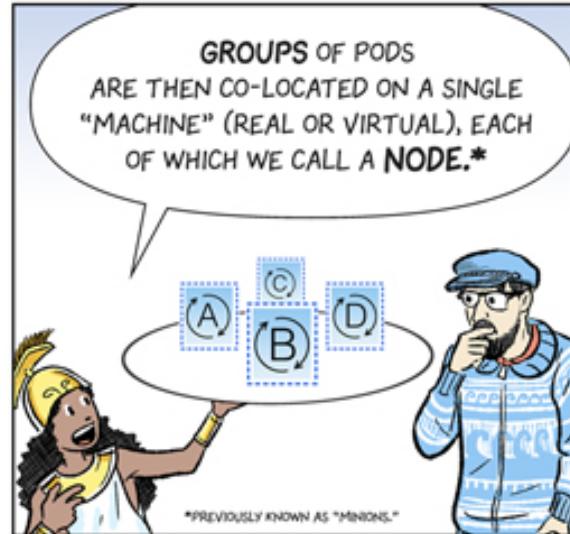
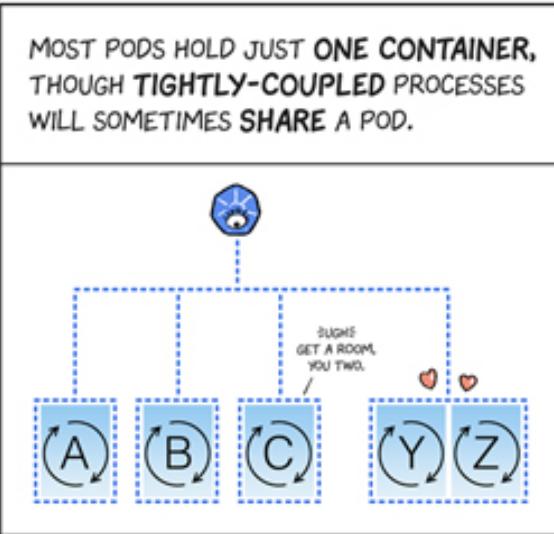
TRANSLATION:
ADAPT TO DEMAND

TO KEEP PROCESSES
CONTINUOUSLY RUNNING
AND HEALTHY.

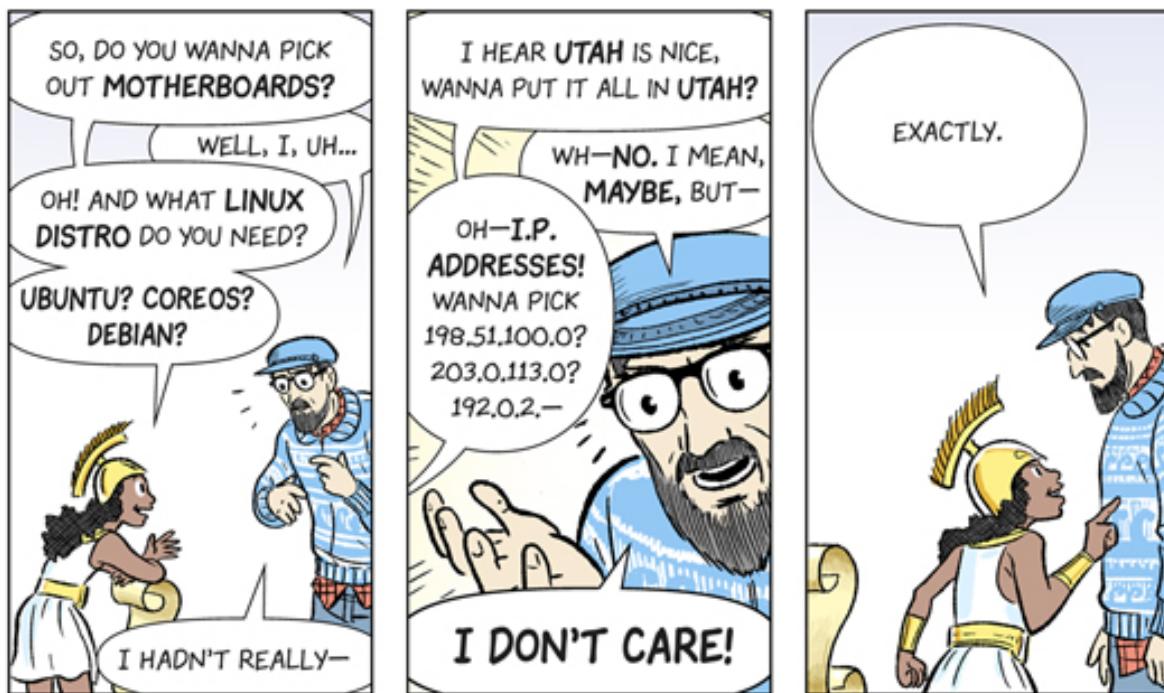
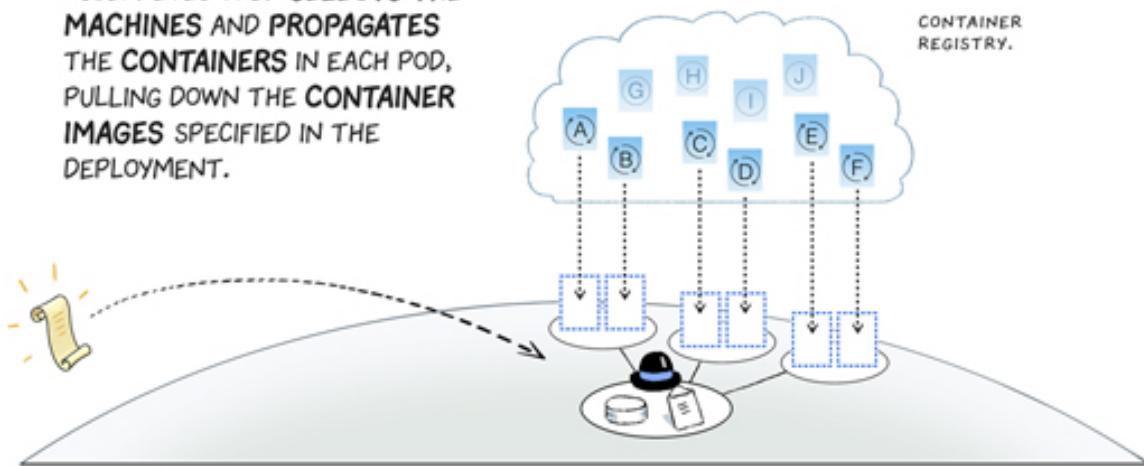


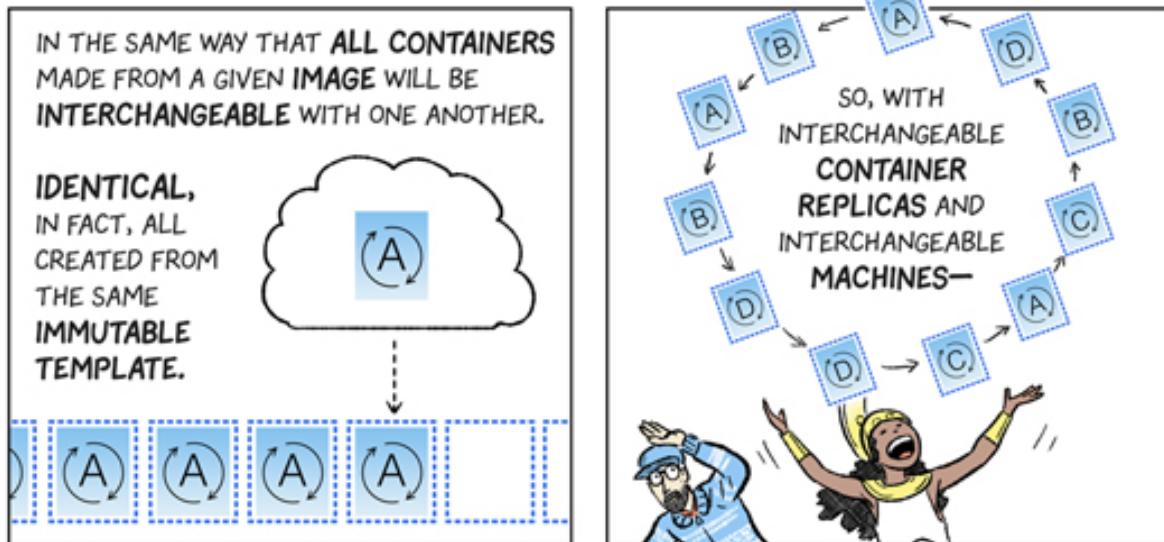
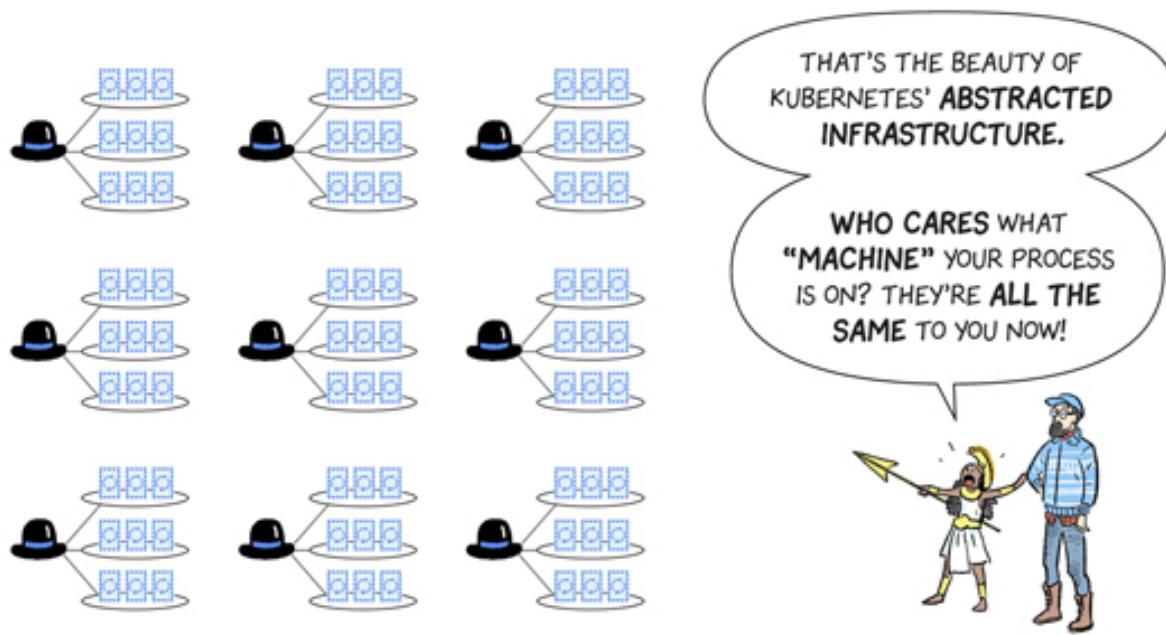
TRANSLATION:
DON'T GO DARK

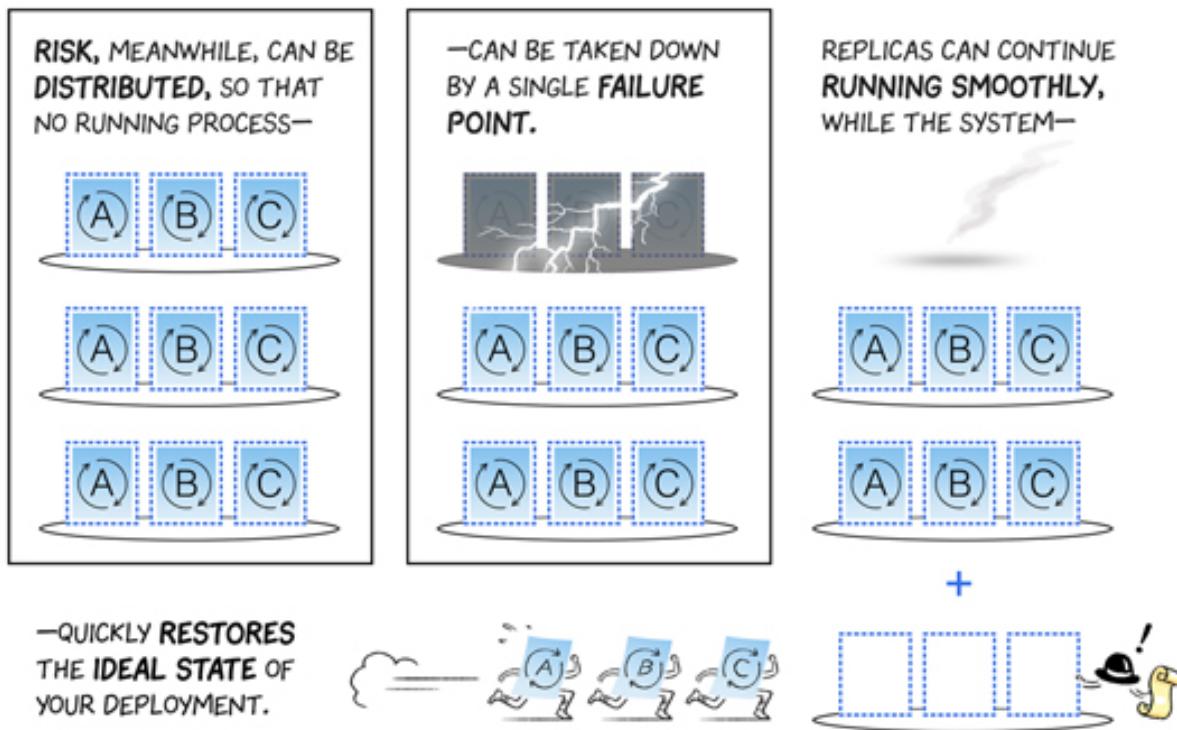
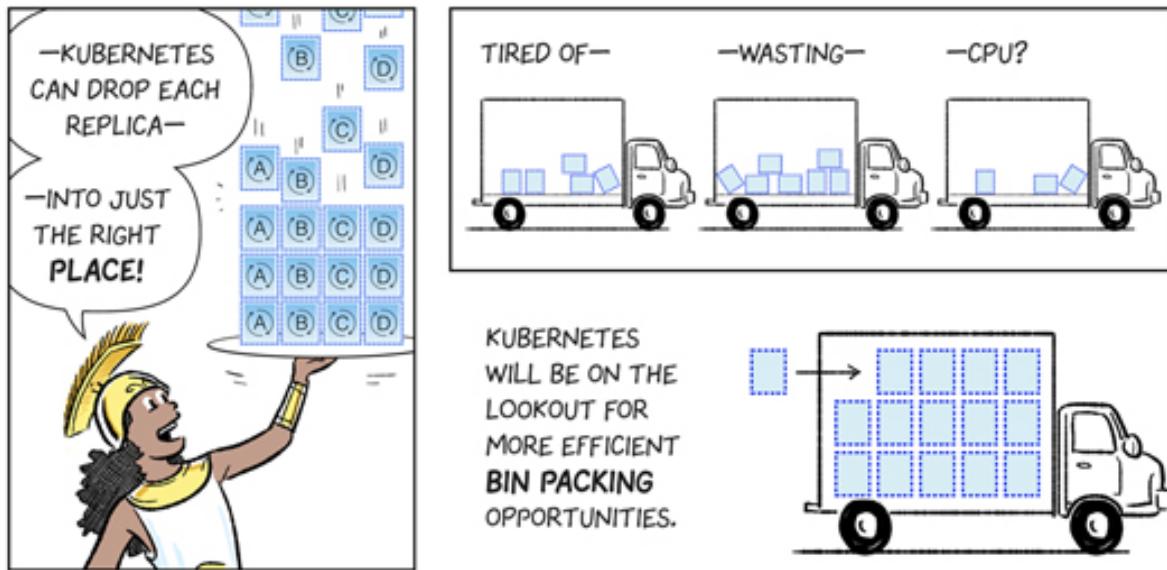


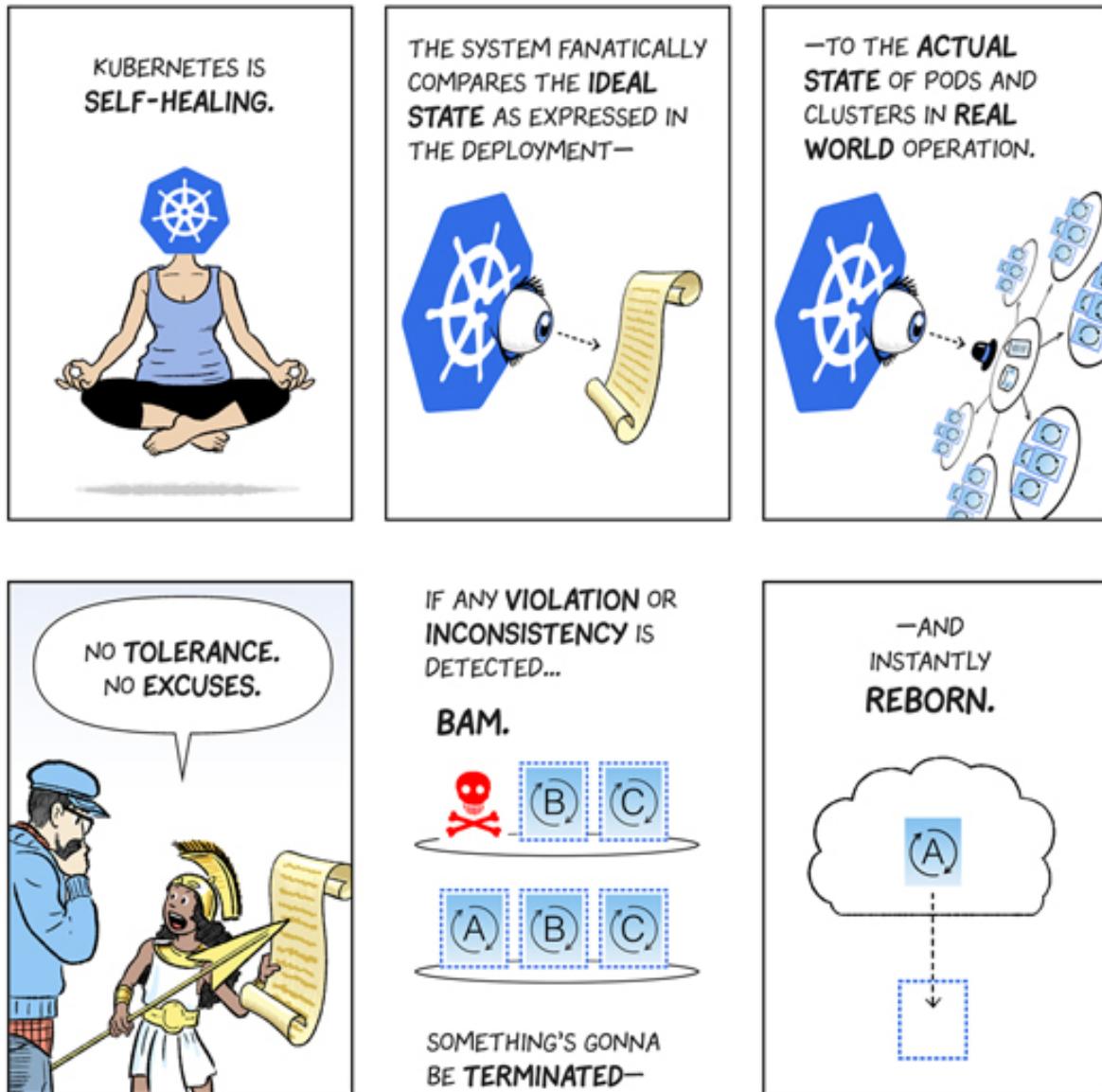


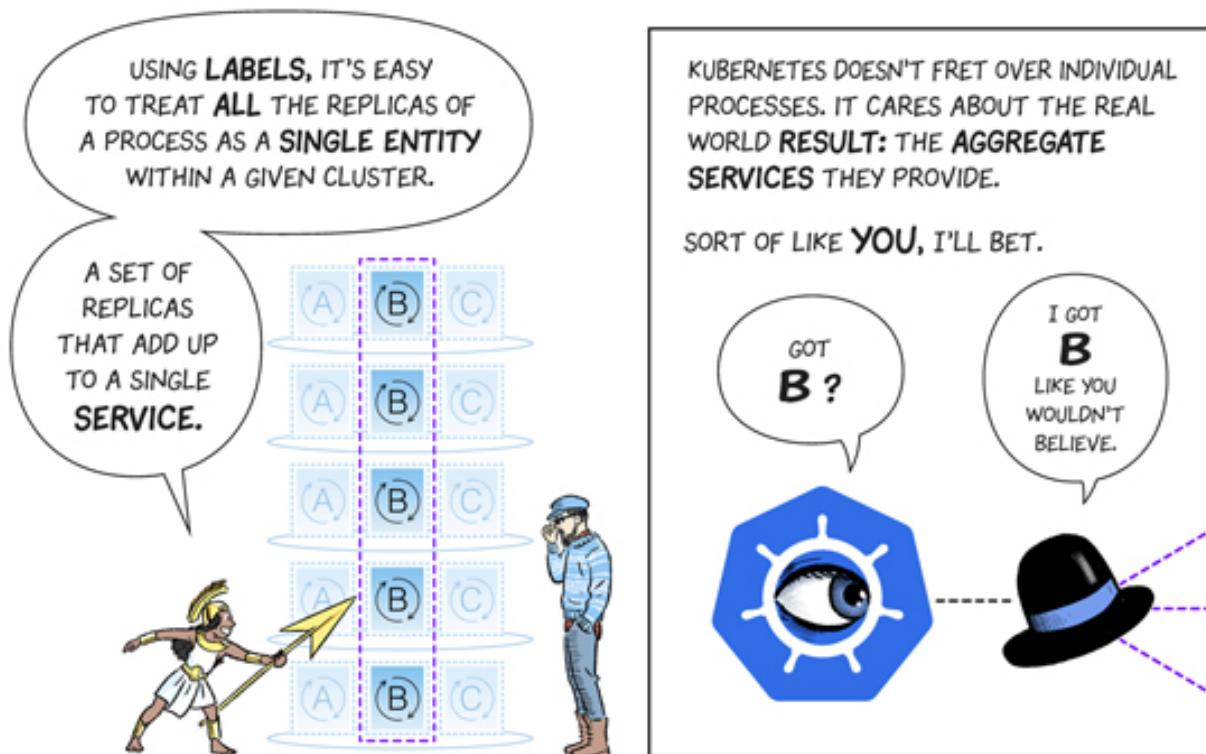
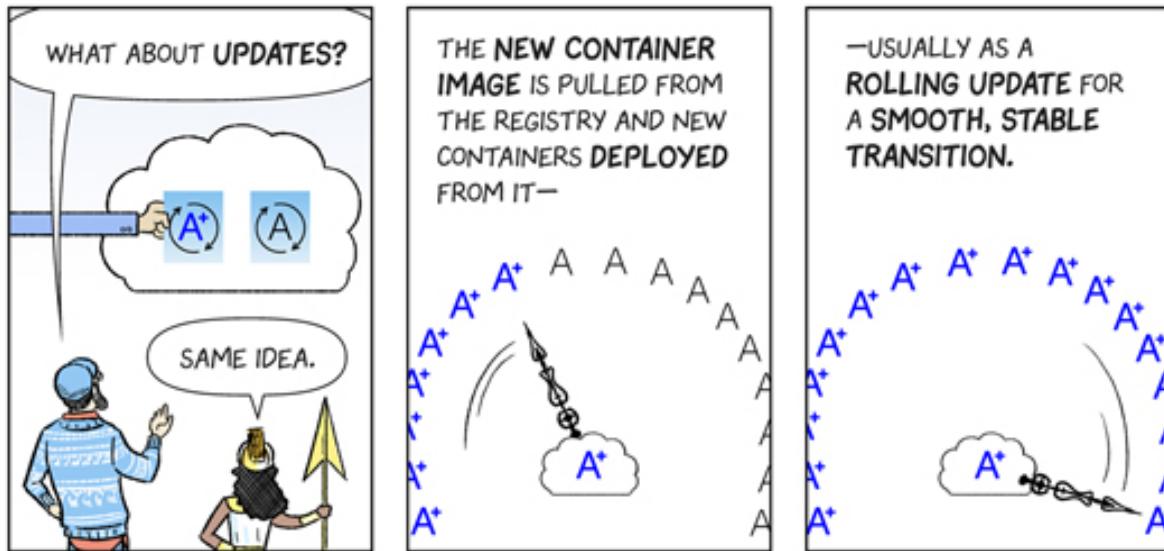
KUBERNETES THEN SELECTS THE MACHINES AND PROPAGATES THE CONTAINERS IN EACH POD, PULLING DOWN THE CONTAINER IMAGES SPECIFIED IN THE DEPLOYMENT.

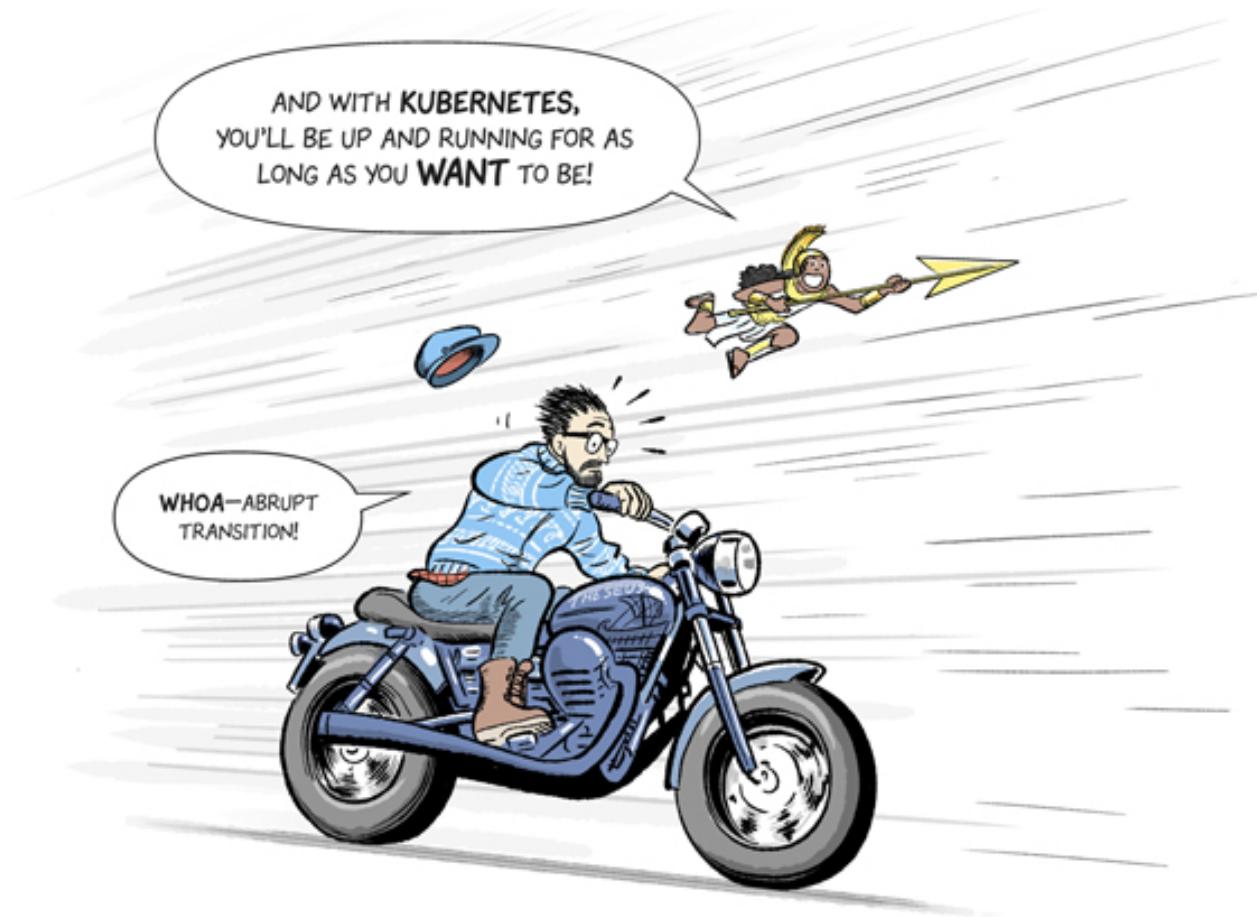
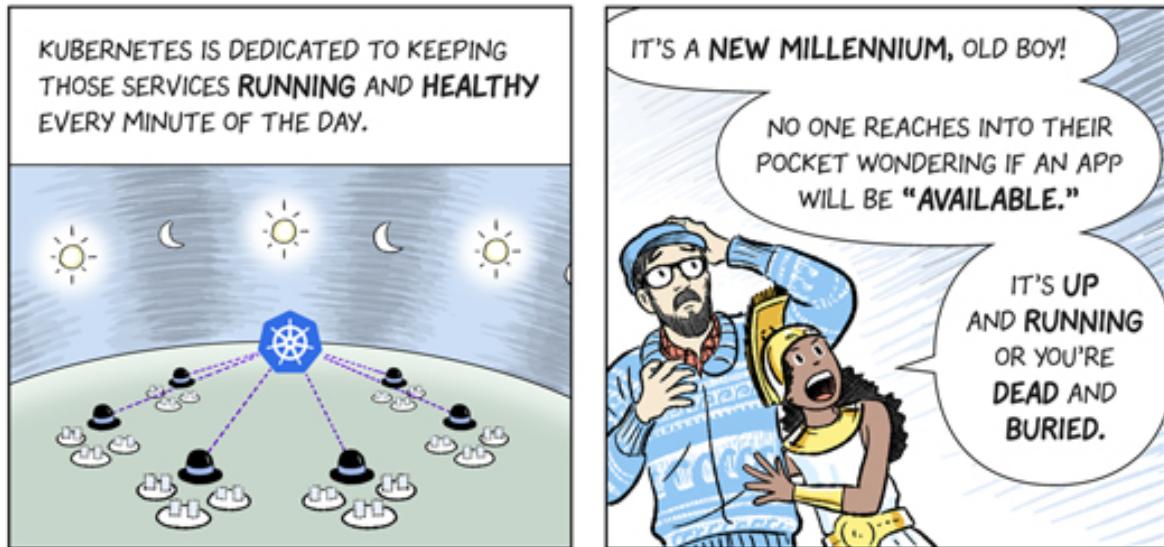


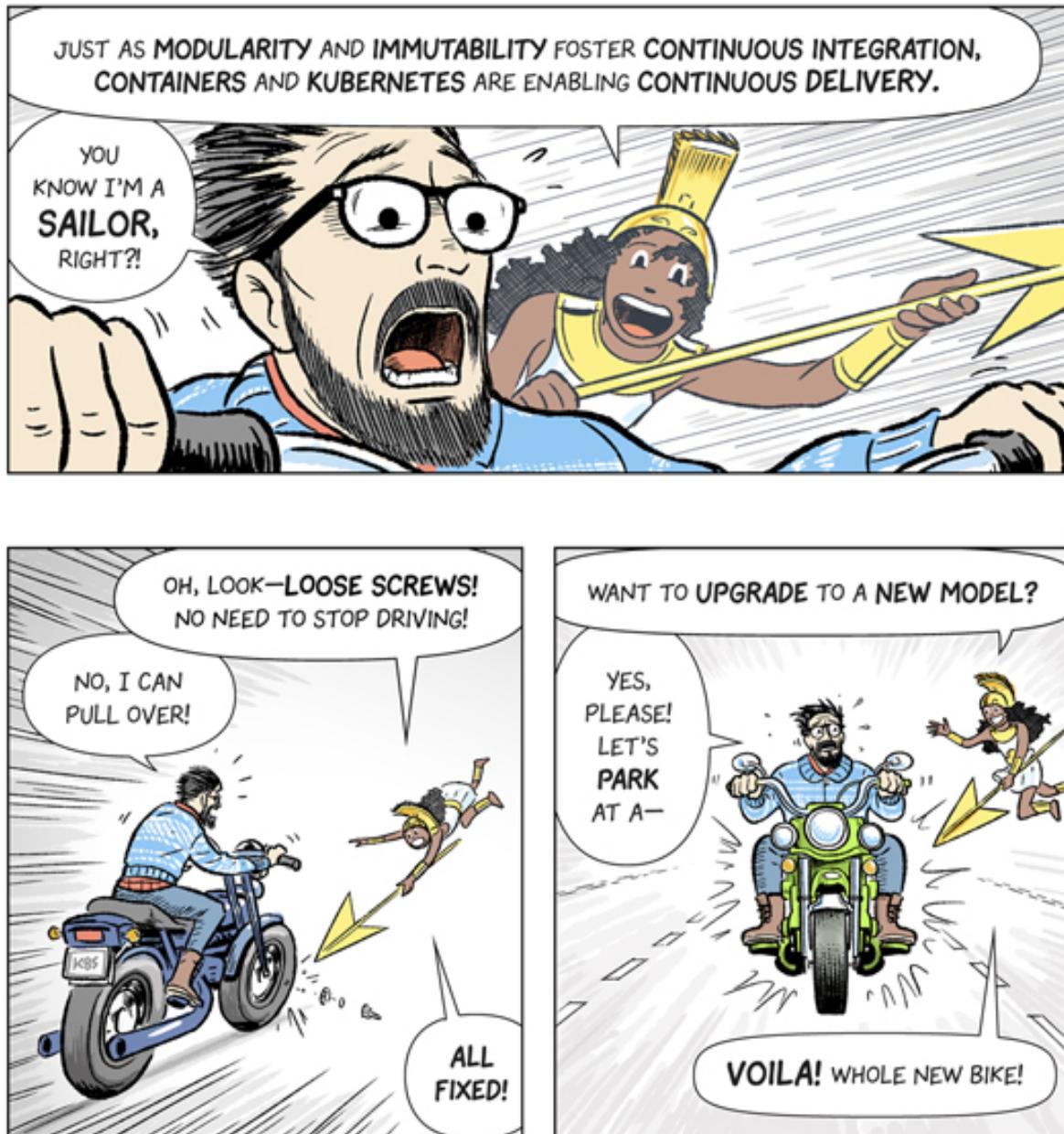




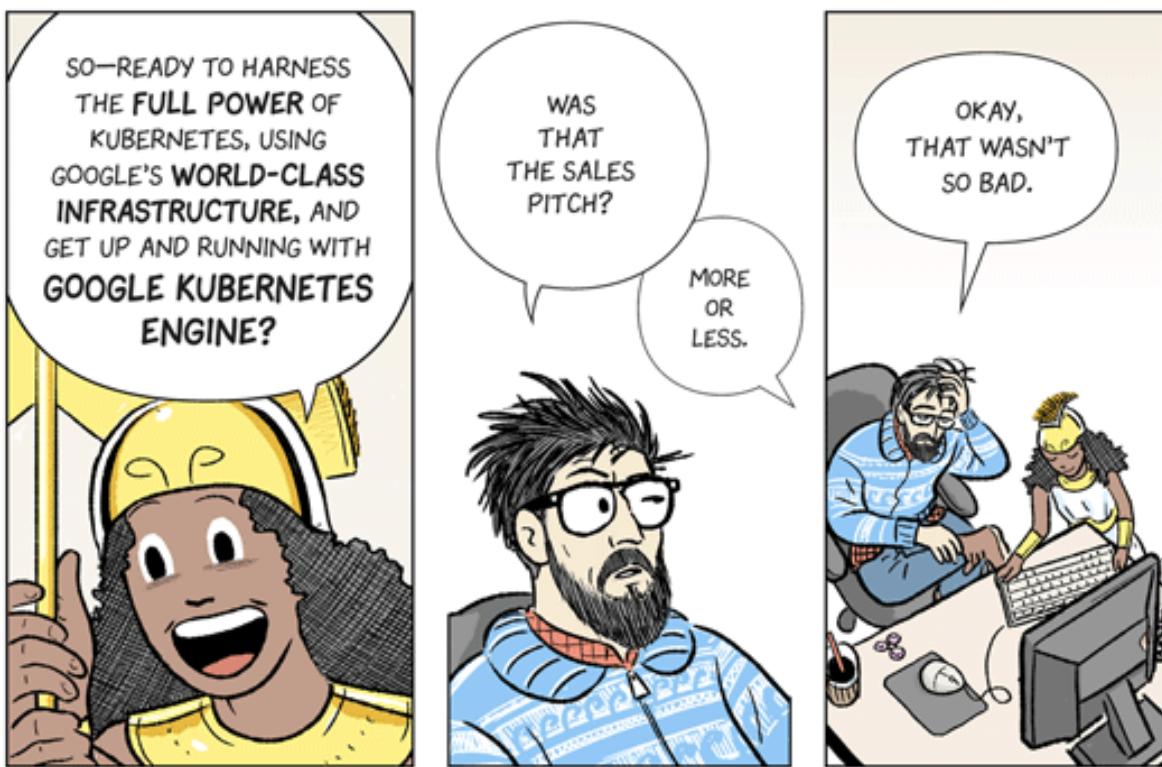








SIX HOURS LATER...





NOW IT'S YOUR TURN. TYPE COMMANDS INTO THE FOLLOWING TERMINAL EMULATOR AND LEARN HOW TO CREATE A KUBERNETES CLUSTER ON GOOGLE KUBERNETES ENGINE.

```
Tutorial Shell
to the CI/CD with GKE tutorial terminal emulator!
tutorial, you will create a Kubernetes cluster on GKE, spin up a
n Google Container Registry, scale up the deployment, and update t

CREATE A CLUSTER
he following command to create a cluster:
container clusters create myCluster

Watch Pods
n 1 kubectl get pods
.0s: kubectl get pods
```

ART AND “STORY” BY SCOTT MCCLOUD

(<http://scottmccloud.com>)

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