

OPTIONAL Section!

Dev environment through Google Cloud instead of local

You will *probably* have to do this if you are on an older Windows machine



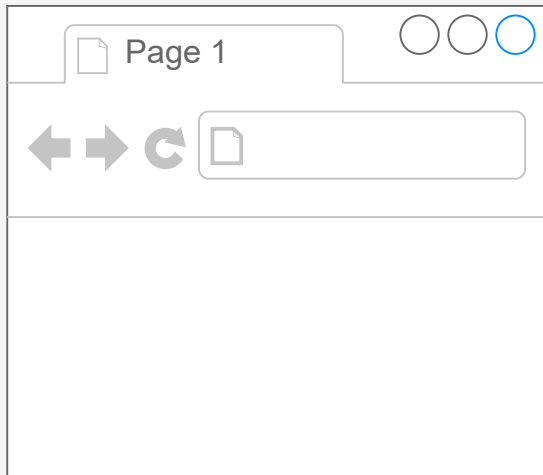
It does not have to be done **right now**

Credit card is *required* to use Google Cloud

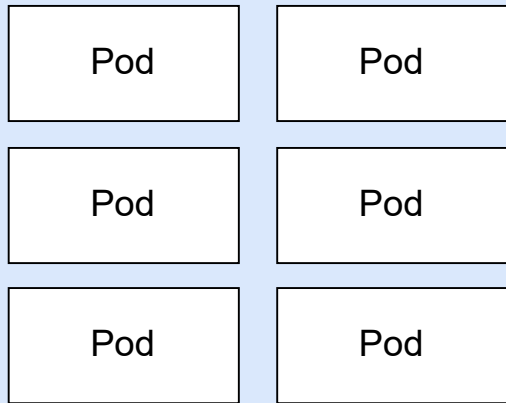


We will be fitting into the 'free tier', so you should not have to pay anything, but that is not a guarantee

Your Computer



Node

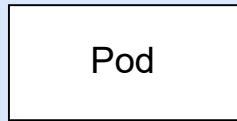
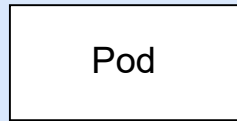
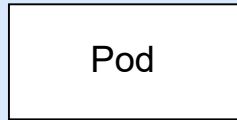


Your Computer

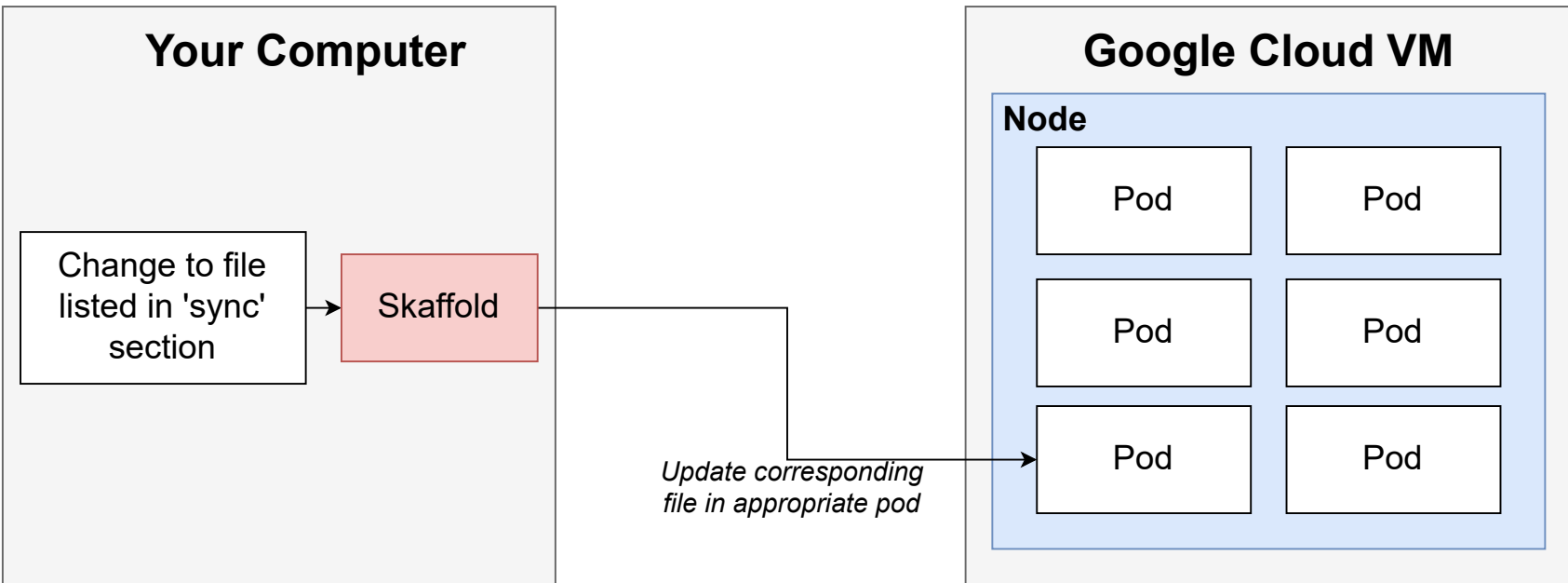


Google Cloud VM

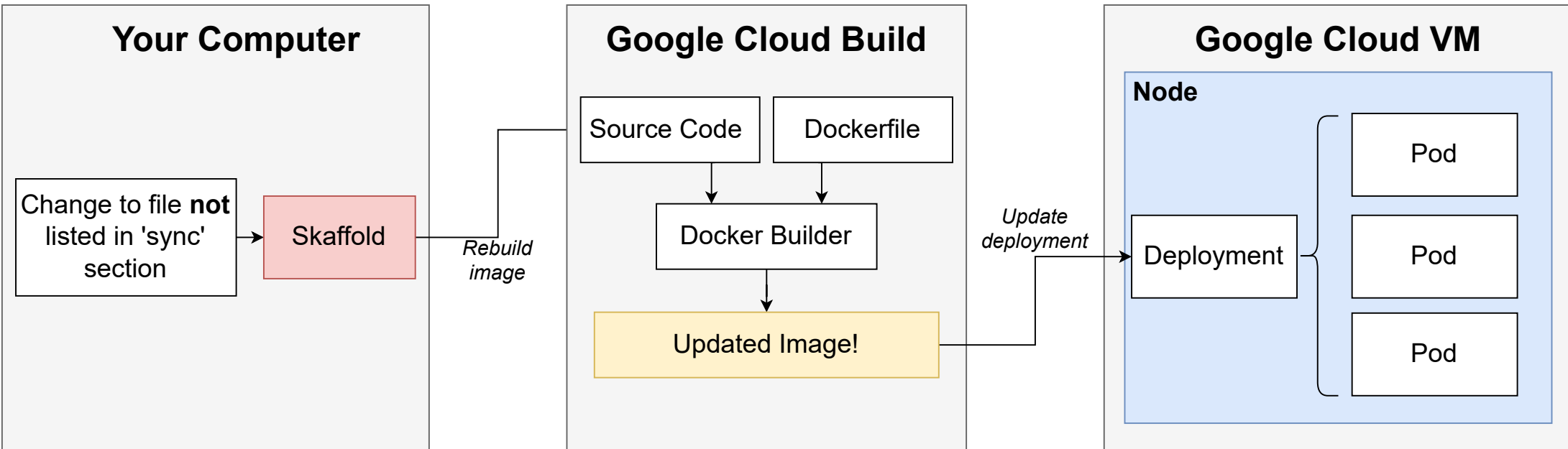
Node



Scenario #1 - We Change a 'Synced' File



Scenario #2 - We Change an 'Unsynced' File



Steps

Enable Google Cloud Build

Update the skaffold.yaml file to use Google Cloud Build

Setup ingress-nginx on our *google cloud cluster*
kubernetes.github.io/ingress-nginx

Update our hosts file *again* to point to the remote cluster

Restart Skaffold

cloud.google.com/sdk/docs/quickstarts

Your Computer

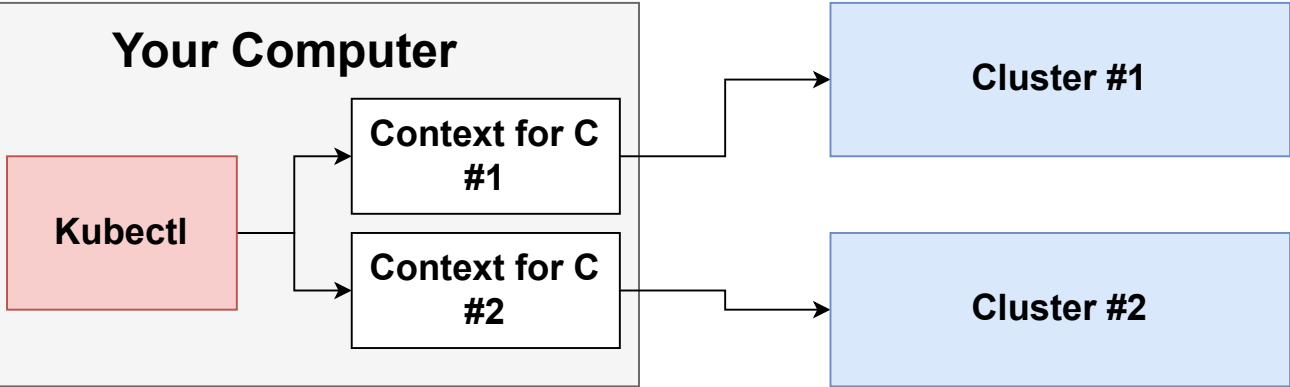
Kubectrl

**Context for C
#1**

**Context for C
#2**

Cluster #1

Cluster #2



Don't want to run Docker *at all*?



Close Docker Desktop



Run

gcloud components install kubectl



Run

gcloud container clusters get-credentials <cluster name>

OK still running Docker?



Run

gcloud container clusters get-credentials <cluster name>