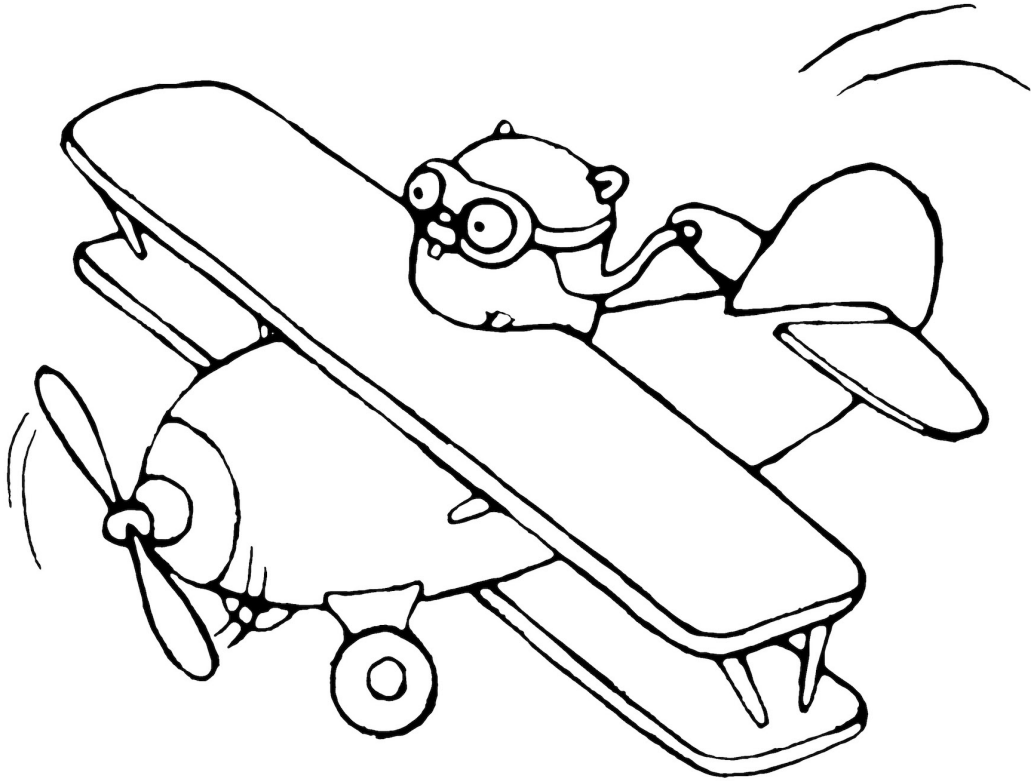
INERTIA

simple continuous deployment on any platform, from any platform



UBC LAUNCHPAD 2018

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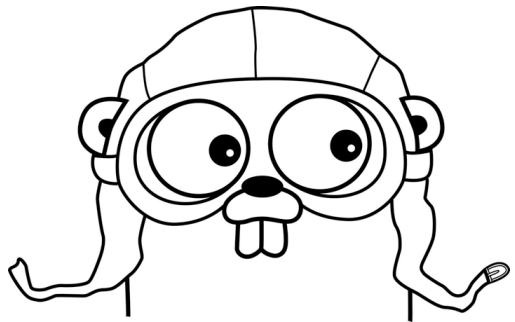
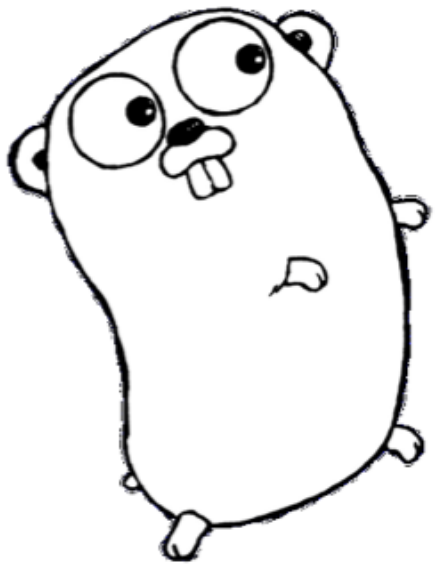
golang command line tool
for simple continuous deployment

ease of use
docker-compose support
security



live website or service

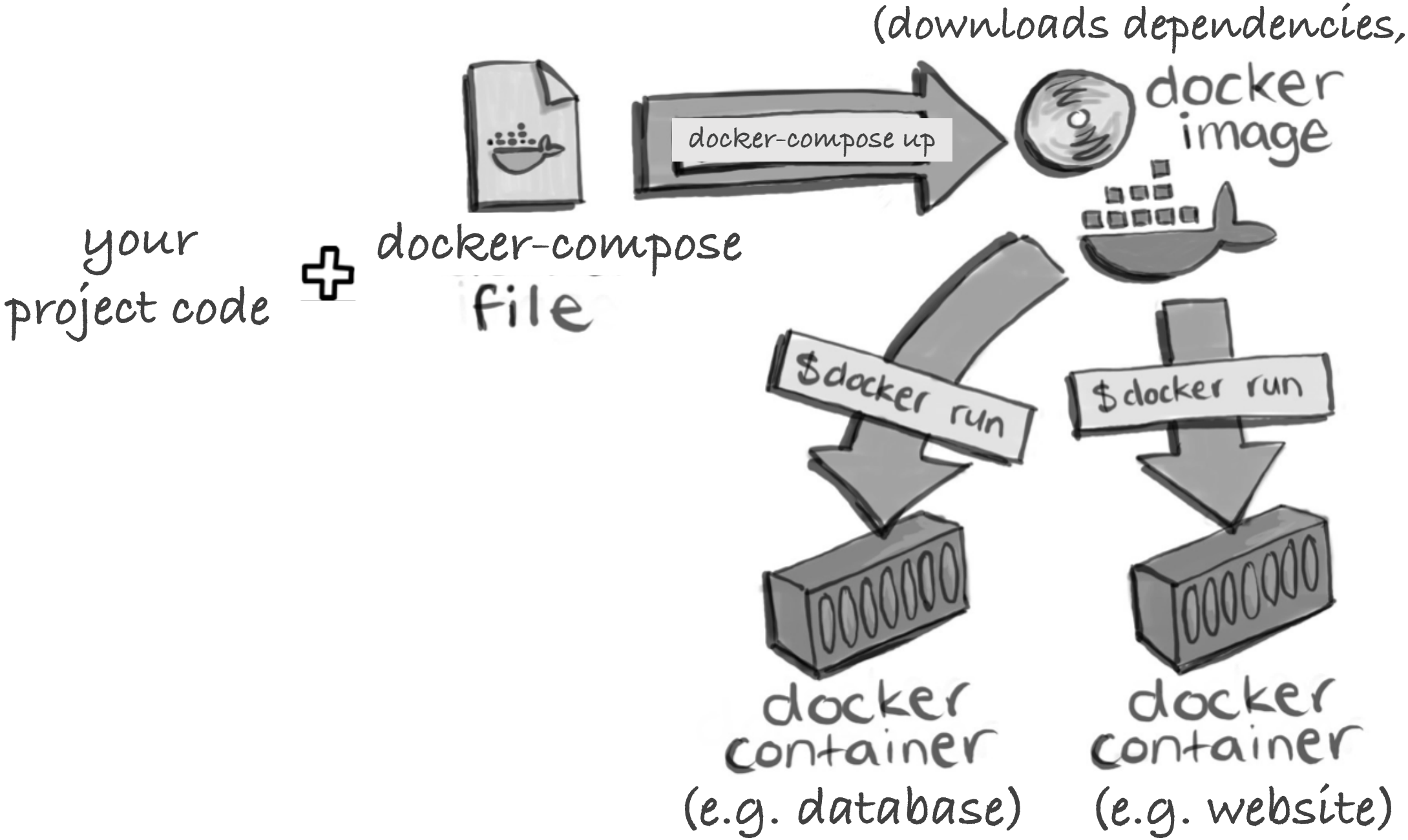


```
$ git commit
$ git push
```

github

(downloads dependencies, etc.)

your project code


(downloads dependencies, etc.)
docker-compose up
docker image
your project code
docker-compose file
$docker run
$docker run
docker container
(e.g. database)
docker container
(e.g. website)

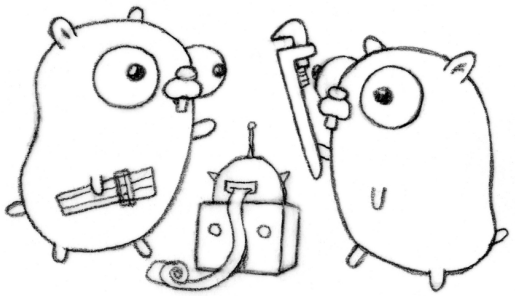
```
$ inertia init
$ inertia remote add vps
$ inertia vps init
```

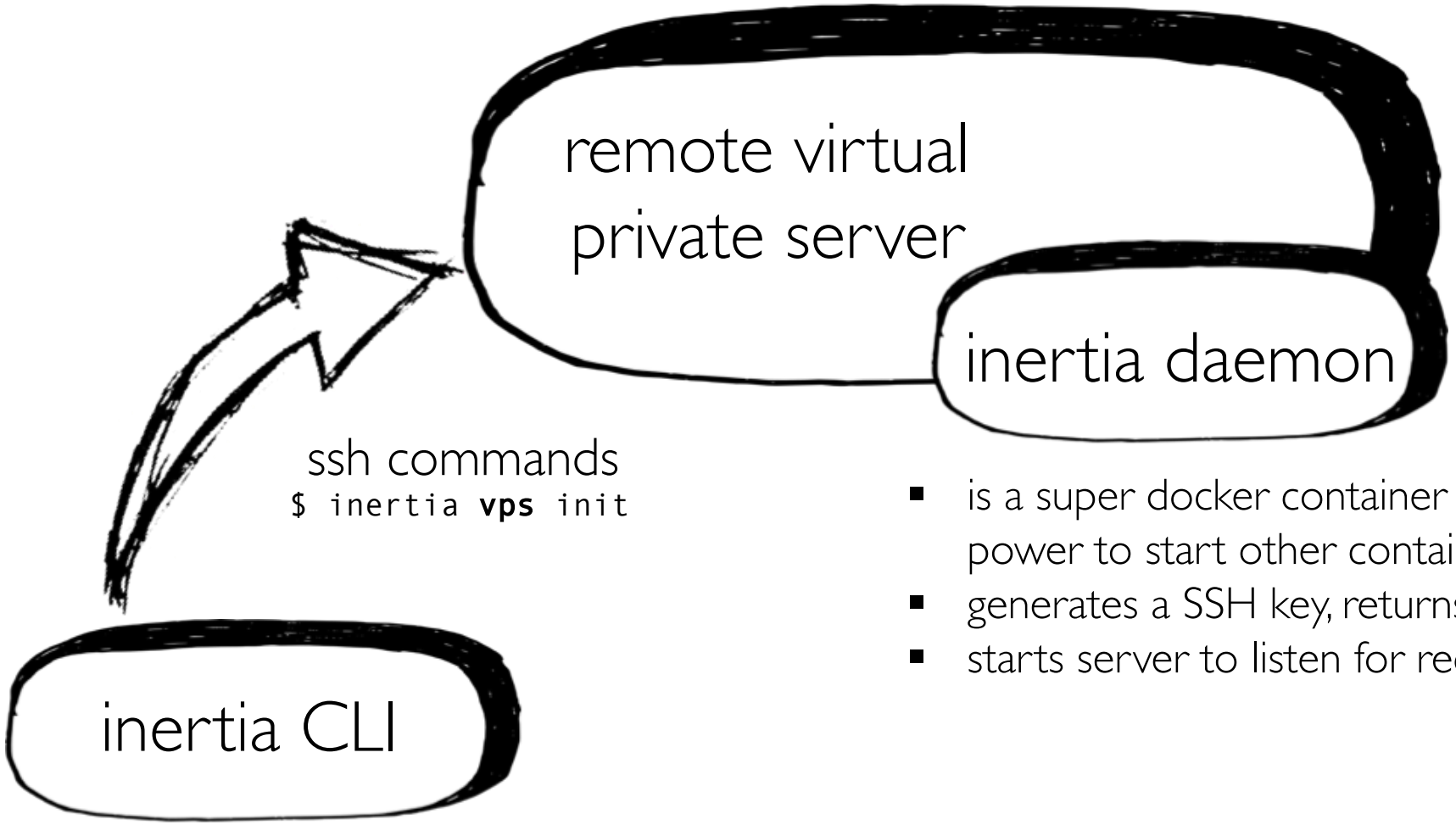
remote virtual
private server

ssh commands

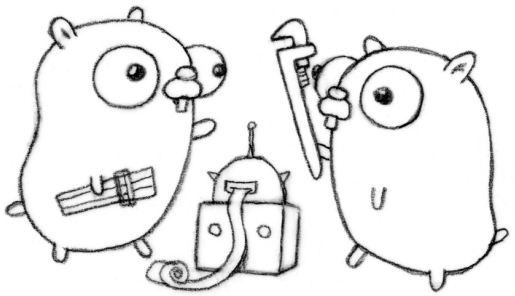
```
$ inertia vps init
```

inertia CLI





- is a super docker container with the power to start other containers
- generates a SSH key, returns to user
- starts server to listen for requests



remote virtual
private server

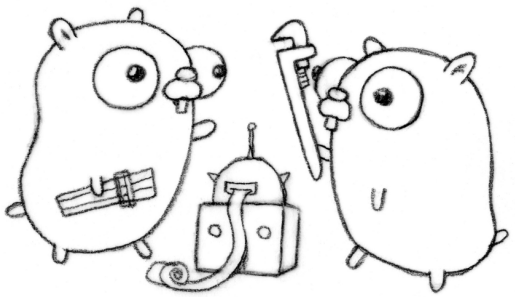
inertia daemon

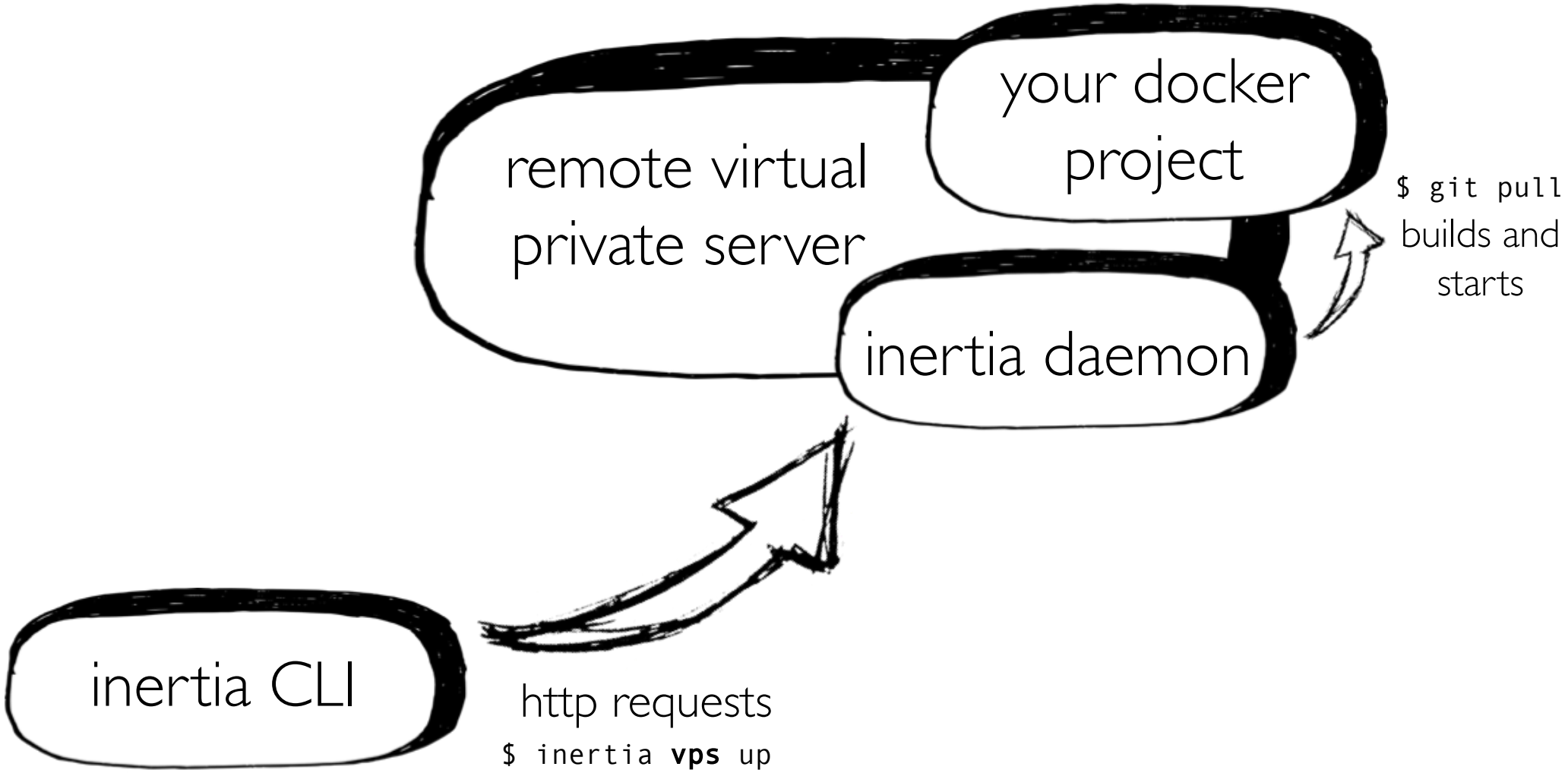
authenticated using daemon's SSH key
delivered via JSON web tokens

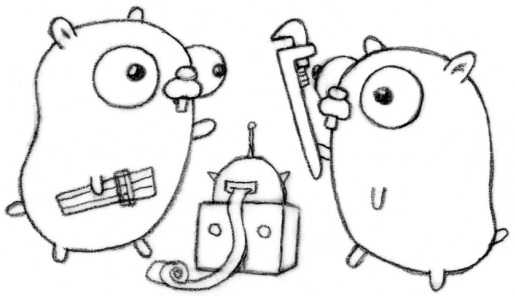
inertia CLI

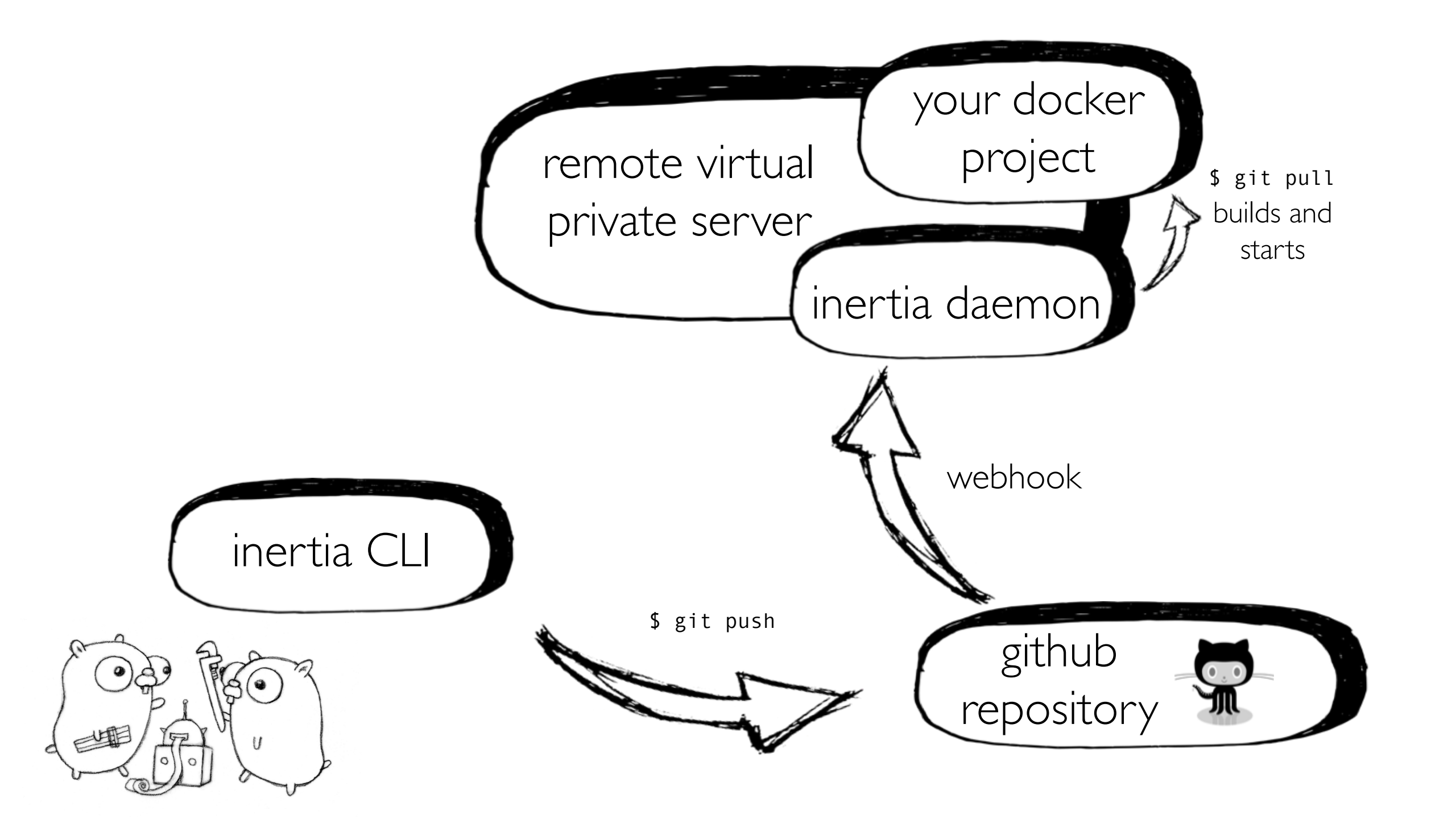
http requests

```
$ inertia vps up
$ inertia vps status
$ inertia vps down
```




your docker project
remote virtual private server
inertia daemon
$ git pull
builds and starts
inertia CLI
http requests
$ inertia vps up
$ inertia vps status
$ inertia vps down




remote virtual private server
your docker project
inertia daemon
$ git pull
builds and starts
webhook
inertia CLI
$ git push
github repository