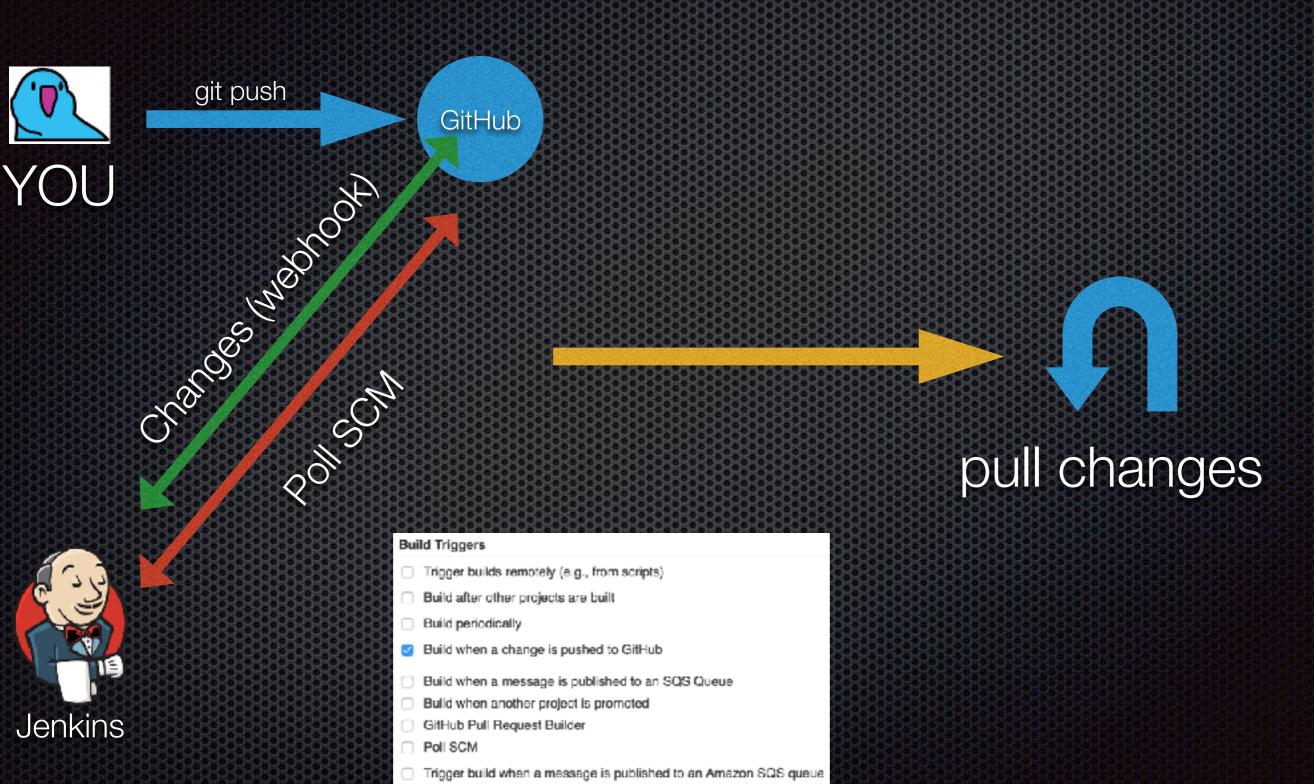


Jenkins, Makefiles && Docker





Makefile target "jenkins"



pull changes (master or branch)



install (update) boilerplate jenkins: info build-docker-image test push-assets publish-docker-image

```
build-docker-image: info update-base-image manifest
  @echo '$(colour)Building Docker image: $(bold)$(IMAGE_FQN):$(IMAGE_TAG)$(reset)'
  @echo '$(shell docker --version)'
  docker build --tag $(IMAGE_FQN):$(IMAGE_TAG) .
```



get latest base image (Dockerfile)

1 • FROM docker-registry.tescloud.com/tescloud/base-service-nvm-npmrc:14.04.5

https://github.com/tes/infra-dockerfiles/blob/master/base-service-nvm-npmrc-14.04.5/Dockerfile



build service Docker image





npm run test



Service Image

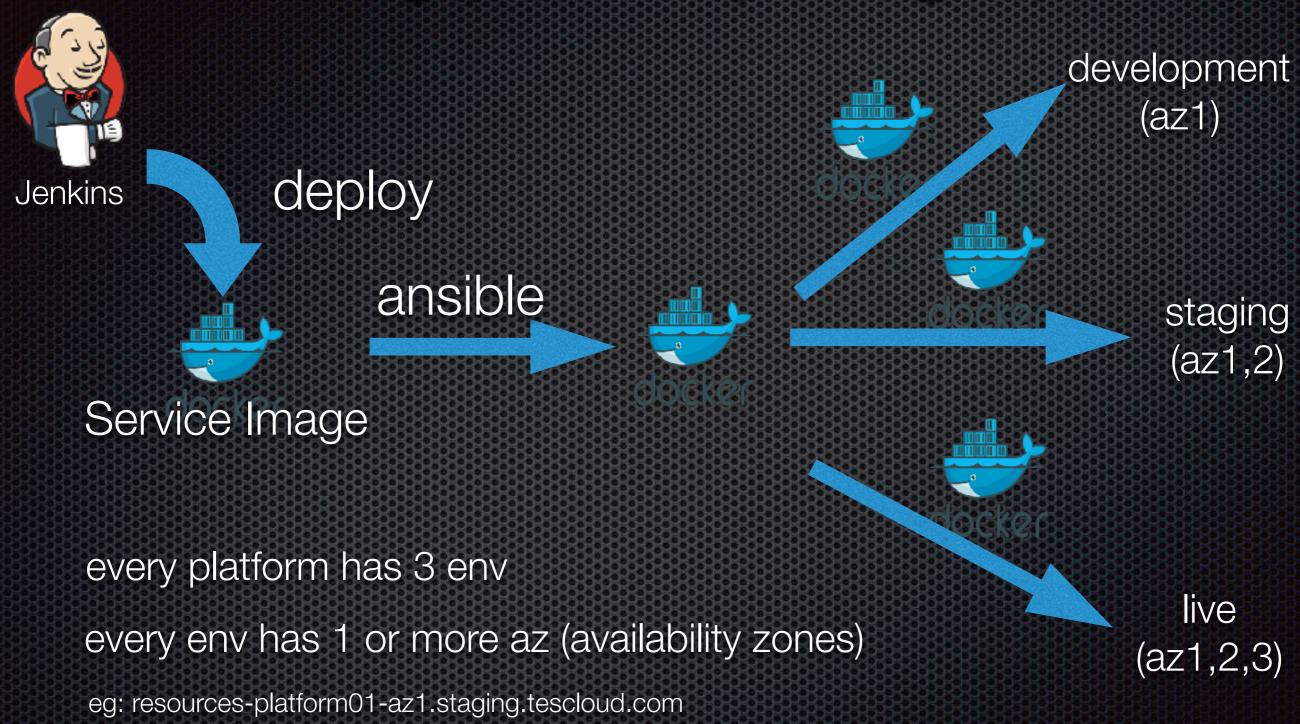


bosco will ensure dependencies are running (infra-mysql, infra-postres,...) test pass?
health-check - service works?
publish to docker registry



test fail? health-check fails? jenkins job fails





{{platform}}01-az{{1,2,3}}.{{env}}.tescloud.com

jobs-az3.live.tescloud.com

## How to debug?

SSH to the platform/env if unsure, look for platform in package.json

tail -f /var/log/supervisor/service-name.err.log

```
fmaule@resources-platform-green01-az1:~$ tail -f /var/log/supervisor/service-resource-api.err.log
    at emitOne (events.js:116:13)
    at Request.emit (events.js:211:7)
    at IncomingMessage.<anonymous> (/root/app/node_modules/request/request.js:1085:12)
    at Object.onceWrapper (events.js:313:30)
    at emitNone (events.js:111:20)
    at IncomingMessage.emit (events.js:208:7)
    at endReadableNT (_stream_readable.js:1064:12)
    at _combinedTickCallback (internal/process/next_tick.js:138:11)
    at process._tickDomainCallback (internal/process/next_tick.js:218:9)
Mon, 14 May 2018 15:59:18 GMT express deprecated req.host: Use req.hostname instead at node_modules/ramda/dist/ramda.js:3861:48
```

or less +F /var/log/supervisor/service-name.err.log