Push code to github

Travis automatically pulls repo

Travis builds an image, tests code

Travis pushes code to AWS EB

EB builds image, deploys it

Flow Push code to github

Travis automatically pulls repo

Travis builds a **test** image, tests code

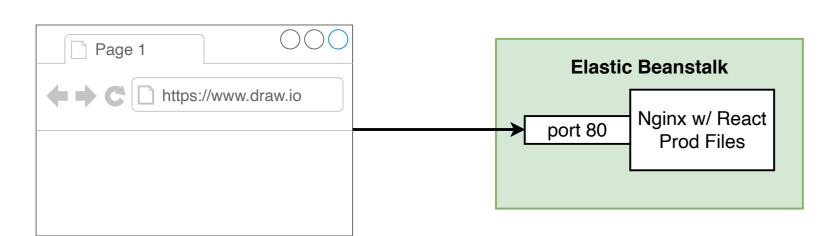
Travis builds **prod** images

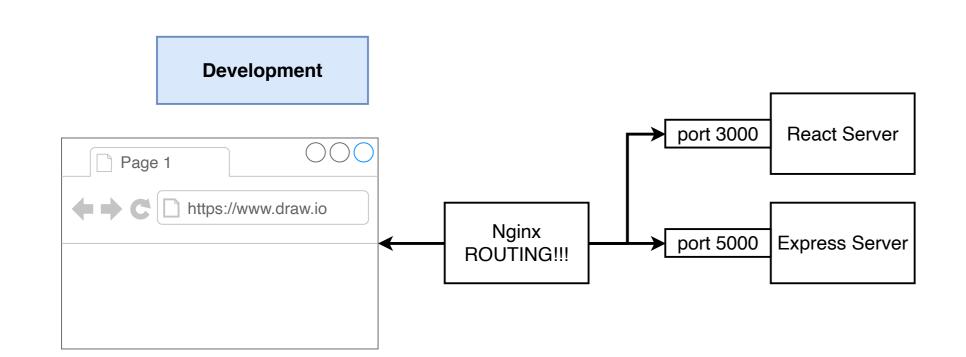
Travis pushes built **prod** images to Docker Hub

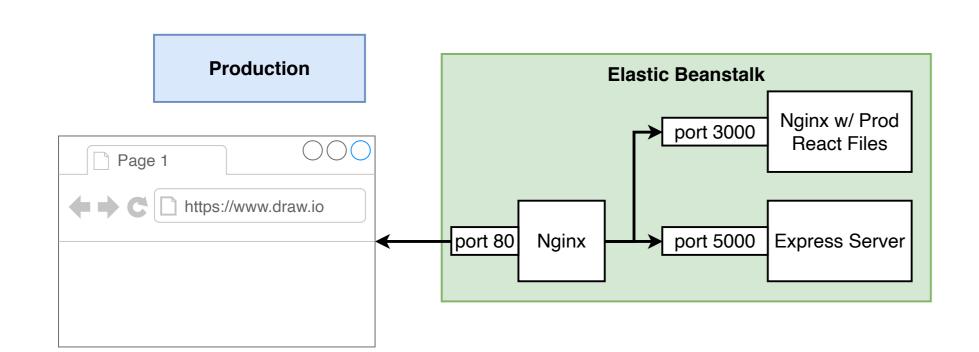
Travis pushes project to AWS EB

EB pulls images from Docker Hub, deploys

Single Container EB Deployment







Flow Specify docker as a dependency

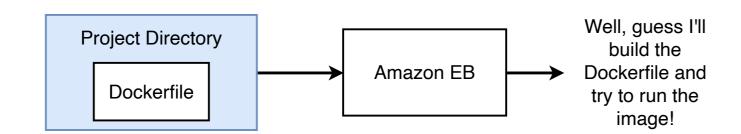
Build test version of React project

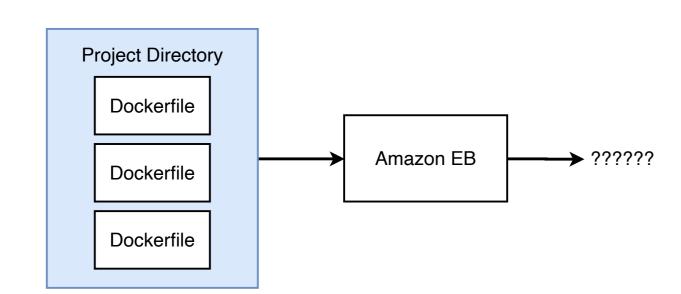
Run tests

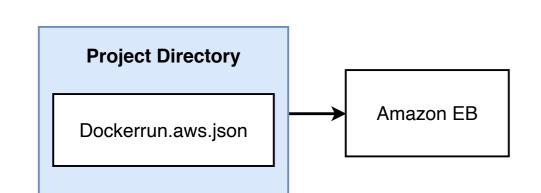
Build prod versions of all projects

Push all to docker hub

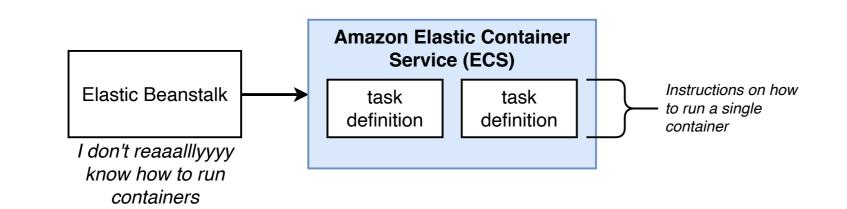
Tell Elastic Beanstalk to update

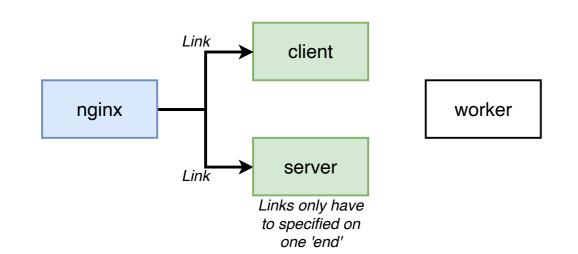


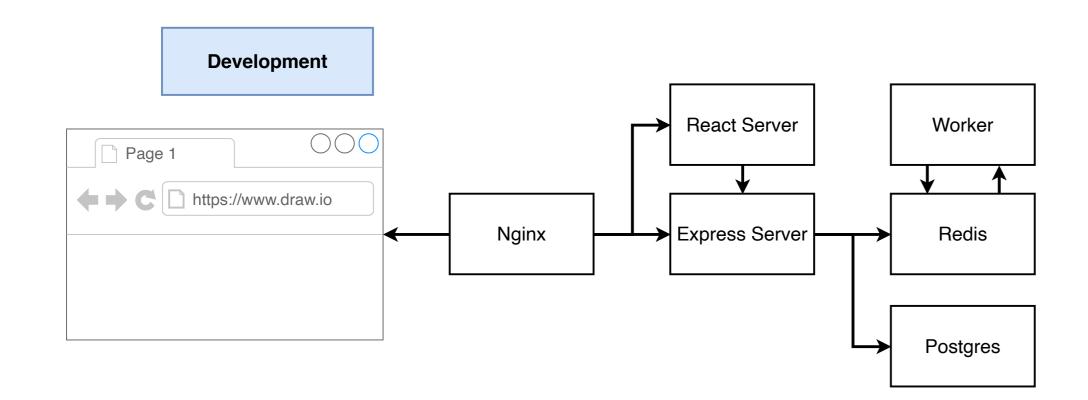


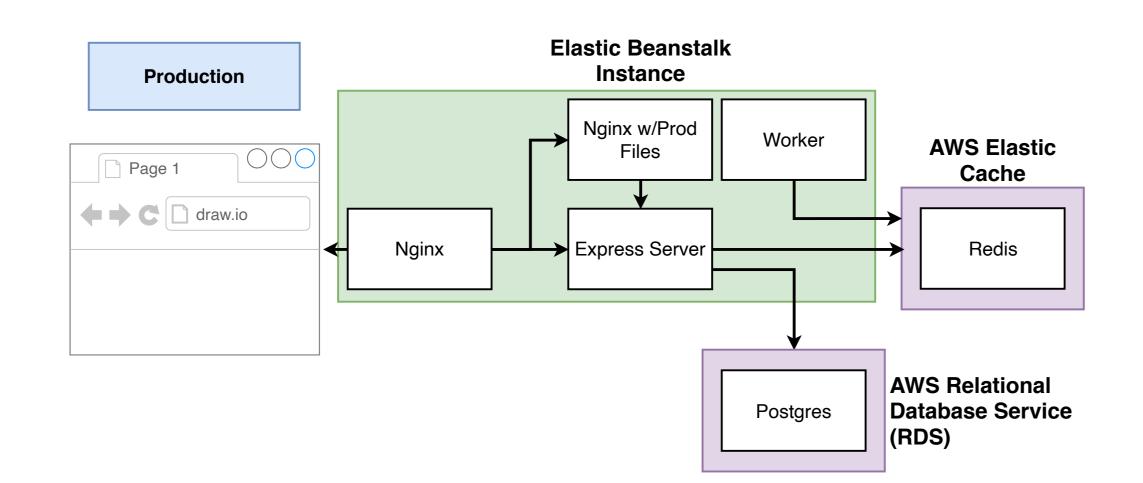


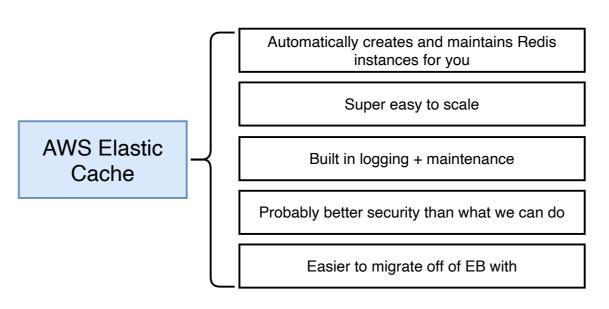
docker-compose.yaml		Dockerrun.aws.json	
Services		'Container Definitions'	
client	nginx	 client	nginx
server	worker	server	worker











Automatically creates and maintains Postgres instances for you

Super easy to scale

Built in logging + maintenance

Probably better security than what we can do

Automated backups and rollbacks

Easier to migrate off of EB with

Having said all that....

You might still want to know how to get your own DB running in a container in prod

Our next project will use Redis + Postgres in containers

