CI/CD with Github, Jenkins, Docker, ECR, ECS

1. Create repository on github (account required)
2. Install Jenkins from <https://jenkins.io/download/>
3. Install Docker Desktop from <https://www.docker.com/products/docker-desktop> (account required)
4. Push Jenkinsfile on github repository
5. Push Dockerfile on github repository
6. Install plugins on Jenkins
7. Connect github and Jenkins with Webhook
8. Edit Jenkinsfile to build container from Dockerfile   
     
   ECR

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aws configure

//console asks you for Access Key ID and Secret Key

//User should have AmazonEC2ContainerRegistryFullAccess policy

eu-central-1

json

aws ecr create-repository --repository-name test-repo

docker tag jhg\_wordpress:1 586513809140.dkr.ecr.eu-central-1.amazonaws.com/test-repo

aws ecr get-login --no-include-email --region eu-central-1 | bash

docker push 586513809140.dkr.ecr.eu-central-1.amazonaws.com/test-repo