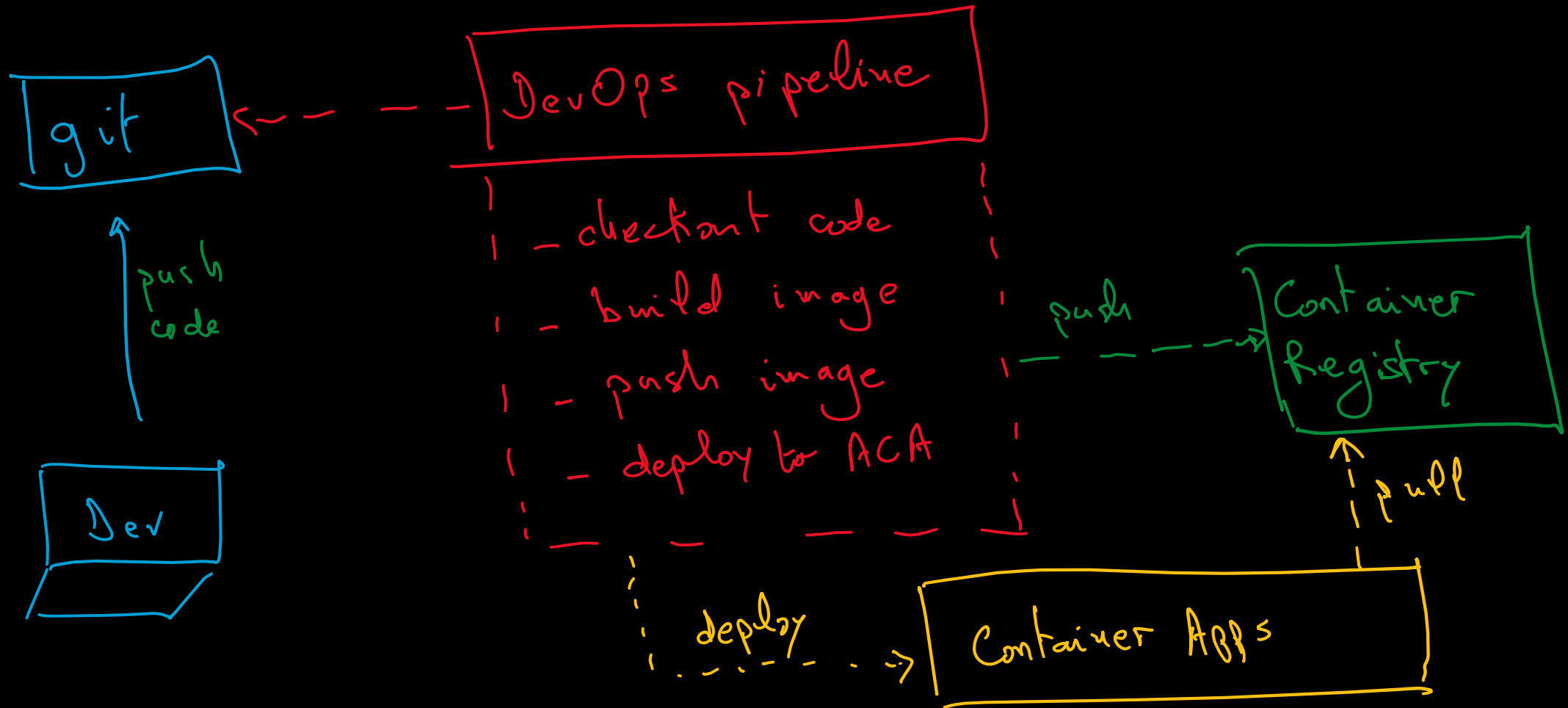


# CI/CD for Container Apps in Azure DevOps



# CI/CD for Container Apps in Azure DevOps

variables:

```
IMAGE_NAME: houssemdocker/album-backend-api
CONTAINERAPPS_APP: album-backend-api
CONTAINERAPPS_ENVIRONMENT: aca-environment
RESOURCE_GROUP: rg-containerapps-azure-pipelines
TAG: '$(Build.BuildId)'
```

stages:

```
- stage: Build
  displayName: Build and push image
  jobs:
    - job: Build
      displayName: Build
      pool:
        vmImage: ubuntu-latest
      steps:

    - task: Docker@2
      displayName: Build an image
      inputs:
        command: buildAndPush
        dockerfile: /Dockerfile
        repository: $(IMAGE_NAME)
        tags: $(TAG)
```

```
- stage: Deploy
  displayName: Deploy to Container Apps
  jobs:
    - job: Deploy
      displayName: Deploy
      pool:
        vmImage: ubuntu-latest
      steps:

    - task: AzureContainerApps@1
      displayName: Deploy new container version
      inputs:
        azureSubscription: 'azure-connection'
        imageToDeploy: '$(IMAGE_NAME):$(TAG)'
        containerAppName: '$(CONTAINERAPPS_APP)'
        resourceGroup: '$(RESOURCE_GROUP)'
        containerAppEnvironment: '$(CONTAINERAPPS_ENVIRONMENT)'
        targetPort: '3500'
        ingress: 'external'
```

Houssemdellai.aca-course

✓ Build 50s

- ✓ Initialize job <1s

Checkout HoussemDellai/aca-cou... 2s

✓ Build an image 43s

### Push image to Docker Hub 3s

✓ Post-job: Checkout HousseMDell... <1s

Finalize Job &lt;1s

✓ Deploy 1m 2s

- ✓ Initialize job <1s

Checkout Houssemdellai/aca-cou... 2s

✓ Deploy new container version 58s

Post-job: Checkout HousseMDell... &lt;1s

Finalize Job &lt;1s

 [View raw log](#)

```

1 Starting: Deploy new container version
2 =====
3 Task      : Azure Container Apps Deploy
4 Description : An Azure DevOps Task to build and deploy Azure Container Apps.
5 Version    : 1.221.0
6 Author     : Microsoft Corporation
7 Help       : [Learn more about this task](http://github.com/microsoft/azure-pipelines-tasks/blob/master/Tasks/AzureContainerAppsV1/README.md)
8 =====
9 /usr/bin/az login --service-principal -u *** --password=*** --tenant 558506eb-9459-4ef3-b920-ad55c555e729 --allow-no-subscriptions
10 [
11   {
12     "cloudName": "AzureCloud",
13     "homeTenantId": "558506eb-9459-4ef3-b920-ad55c555e729",
14     "id": "17b12858-3960-4e6f-a663-a06fd831",
15     "isDefault": true,
16     "managedByTenants": [],
17     "name": "Microsoft-Azure-0",
18     "state": "Enabled",
19     "tenantId": "558506eb-9459-4ef3-b920-ad55c555e729",
20     "user": {
21       "name": "****",
22       "type": "servicePrincipal"
23     }
24   }
25 ]
26 /usr/bin/az account set --subscription 17b12858-3960-4e6f-a663-a06fd831
27 WARNING: Command group 'config' is experimental and under development. Reference and support levels: https://aka.ms/CLI\_refstatus
28 /usr/bin/az config set extension.use_dynamic_install=yes_without_prompt
29 /usr/bin/az provider show -n Microsoft.App --query resourceTypes[?resourceType=='containerApps'].locations[] | [0]
30 "West US 2"
31 /usr/bin/az containerapp show -n album-backend-api -g rg-containerapps-azure-pipelines -o none
32 WARNING: The command requires the extension containerapp. It will be installed first.
33 WARNING: The installed extension 'containerapp' is in preview.
34 /usr/bin/az containerapp up -n album-backend-api -g rg-containerapps-azure-pipelines -i houssemdocker/album-backend-api:6283 --ingress external --target-port 3500
35 WARNING: Using resource group 'rg-containerapps-azure-pipelines'
36 WARNING: Using ContainerAppEnvironment 'aca-environment' in resource group rg-containerapps-azure-pipelines
37 WARNING: Updating Containerapp album-backend-api in resource group rg-containerapps-azure-pipelines
38
39 / Running ..
40 | Running ..
41 WARNING:
42 Your container app album-backend-api has been created and deployed! Congrats!
43
44 WARNING: Browse to your container app at: http://album-backend-api.orangewave-ef8fd831.westeurope.azurecontainerapps.io
45
46 WARNING: Stream logs for your container with: az containerapp logs show -n album-backend-api -g rg-containerapps-azure-pipelines
47
48 WARNING: See full output using: az containerapp show -n album-backend-api -g rg-containerapps-azure-pipelines

```