

FEBRUARY 18, 2023

## DevOps Classroomnotes 18/Feb/2023

### Azure DevOps Pipelines Workshop - Part 1

• Lets write a pipeline for a project Refer Here

```
pool:
    name: 'Azure Pipelines'
    vmImage: ubuntu-18.04

trigger:
    - master

steps:
    - task: Maven@3
    inputs:
        mavenPOMFile: 'pom.xml'
        goals: 'package'
        publishJUnitResults: yes
        testResultsFiles: '**/surefire-reports/TEST-*.xml'
        jdkVersionOption: '1.8'
```

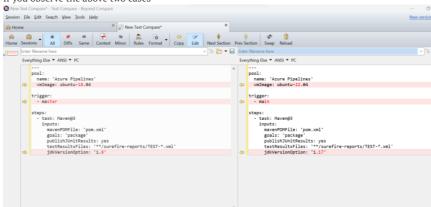
· A pipeline for spring petclinic on main branch Refer Here

```
pool:
    name: 'Azure Pipelines'
    vmImage: ubuntu-22.04

trigger:
    - main

steps:
    - task: Maven@3
    inputs:
        mavenPOMFile: 'pom.xml'
        goals: 'package'
        publishJUnitResults: yes
        testResultsFiles: '**/surefire-reports/TEST-*.xml'
        jdkVersionOption: '1.17'
```

• If you observe the above two cases



• Azure DevOps allows us to reuse using templates

#### **Azure Pipeline Templates**

- Refer Here for official docs
- We have created our first reusable template in templates folder Refer Here for changes
- Now lets create a reusable steps and use it in template at step level. Refer Here for the changes
  done
- Lets create a repository for reusable Templates. Refer Here for sample repository
- Refer Here for the usage of GitHub Repository to get the Reusable Templates

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