

How to create Azure Pipeline(s) for AWCM?

There are two pipelines for each repository.

- One for the dev branches - to build on dev on stage environments
- The other for the master branches - to create an artifact and to store it in Azure Artifacts

Note: Though the Azure Pipeline template is different for different branches, the process of creating the pipelines for the repositories is similar.

Step-by-step guide to create pipeline on dev branch

1. On Local Machine - Git pull to check if the latest code is available on dev branch
2. Copy the base template - azure-pipeline.yml from 'abbvie-ous-awcm-pro' dev branch and paste to the respective repository
3. Save the file
4. Run the below commands
 - a. Git status
 - b. Git add <file path>
 - c. Git commit -m "<commit message>"
 - d. Git push
5. Verify if the azure-pipeline is available in Azure Console
6. Go to pipeline -> All -> BTS- Corporate -> aWCM
7. Select 3 dots most right side of aWCM and select New Pipeline
8. Select Azure Repos Git -> select repository -> Click on save
9. Once the pipeline is successfully created with repository name, click on 'Edit' and select the 3 dots then select 'Triggers'
10. Check the 'Override the YAML continuous integration trigger from here' box and select the 'Disable continuous integration button'
11. Select 'Save & Queue' drop down and select 'Save'.
12. Now go to Environments, add the pipeline to ABBVIE-OUS-AEM-DEV/STAGE
 - a. Go to https://dev.azure.com/abbvie-devops-lab/Abbvie%20BTS/_environments
 - b. Click on 'ABBVIE-OUS-AEM-DEV'
 - c. Click on 3 dots and select 'Security'
 - d. Click on + symbol beside 'Pipeline permissions' and add the pipeline
 - e. Refresh the page and verify if pipeline is added
 - f. REPEAT the above steps a to e to add the pipeline for ABBVIE-OUS-AEM-STAGE

Note: Once the pipeline is added to the AEM folder (Refer to the above Step-6), we need not perform the below steps (6 to 13) again to add the pipeline on the master branch until a new pipeline is required with different name for the master branch of the repository.

Step-by-step guide to create pipeline on master branch

1. On Local Machine - Git pull to check if the latest code is available on master branch
2. Copy the base template - azure-pipeline.yml from 'abbvie-ous-awcm-pro' and paste to respective repository from master branch
3. Save the file
4. Run the below commands
 - a. Git status
 - b. Git add <file path>
 - c. Git commit -m "<commit message>"
 - d. Git push
5. Verify if the azure-pipeline is available in Azure Console
6. Go to pipeline -> All -> BTS - Corporate -> aWCM
7. Select 3 dots most right side of aWCM and select New Pipeline
8. Select Azure Repos Git -> select repository -> Existing Azure Pipelines YAML file
9. Select the path of Azure-pipeline.yml file and continue (this pipeline will save with repository name)
10. Rename the pipeline by navigating to pipeline -> All -> aWCM
11. Once the pipeline is renamed, click on the pipeline that created and click on 'Edit' and select the 3 dots then select 'Triggers'
12. Check the 'Override the YAML continuous integration trigger from here' box and select the 'Disable continuous integration button'
13. Select 'Save & Queue' drop down and select 'Save'.