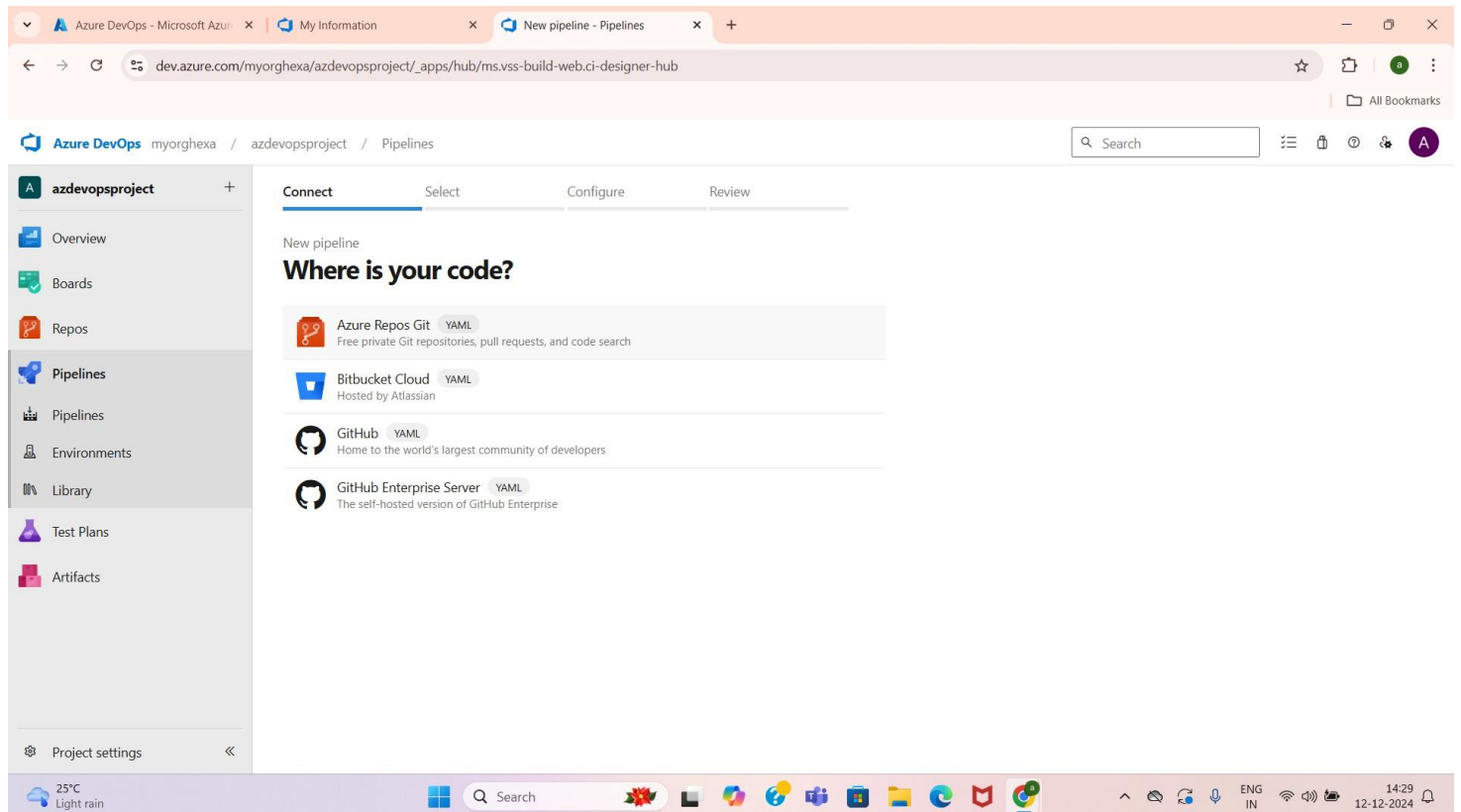


Azure DevOps Pipeline, Configuring git in Databricks

Submitted By-
Subrat Shukla, DE-1

1. Creating a pipeline:



Azure DevOpsmyorghexa / azdevopsproject / Pipelines

azdevopsproject

Overview

Boards

Repos

Pipelines

Pipelines

Environments

Library

Test Plans

Artifacts

Project settings

ConnectSelectConfigureReview

New pipeline

Review your pipeline YAML

VariablesSave and run

azdevopsproject / azure-pipelines.yml

```
1 # Starter pipeline
2 # Start with a minimal pipeline that you can customize to build and deploy your code.
3 # Add steps that build, run tests, deploy, and more:
4 # https://aka.ms/yaml
5
6 trigger:
7   - main
8
9 pool:
10  - vmImage: ubuntu-latest
11
12 steps:
13   - script: echo Hello, world!
14     displayName: 'Run a one-line script'
15
16   - script: |
17     echo Add other tasks to build, test, and deploy your project.
18     echo See https://aka.ms/yaml
19     displayName: 'Run a multi-line script'
20
```

Show assistant

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ENG
IN

14:29
12-12-2024

Azure DevOpsmyorghexa / azdevopsproject / Pipelines / azdevopsproject / 20241212.2

azdevopsproject

Overview

Boards

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Project settings

#20241212.2 • Set up CI with Azure Pipelines

Run new

This run is being retained as one of 3 recent runs by main (Branch).View retention leases

SummaryCode Coverage

Manually run by azuser2356_mml.local

Repository and version	Time started and elapsed	Related	Tests and coverage
azdevopsproject	Just now	0 work items	Get started
main	31s	0 artifacts	

Jobs

Name	Status	Duration
Job	Success	13s

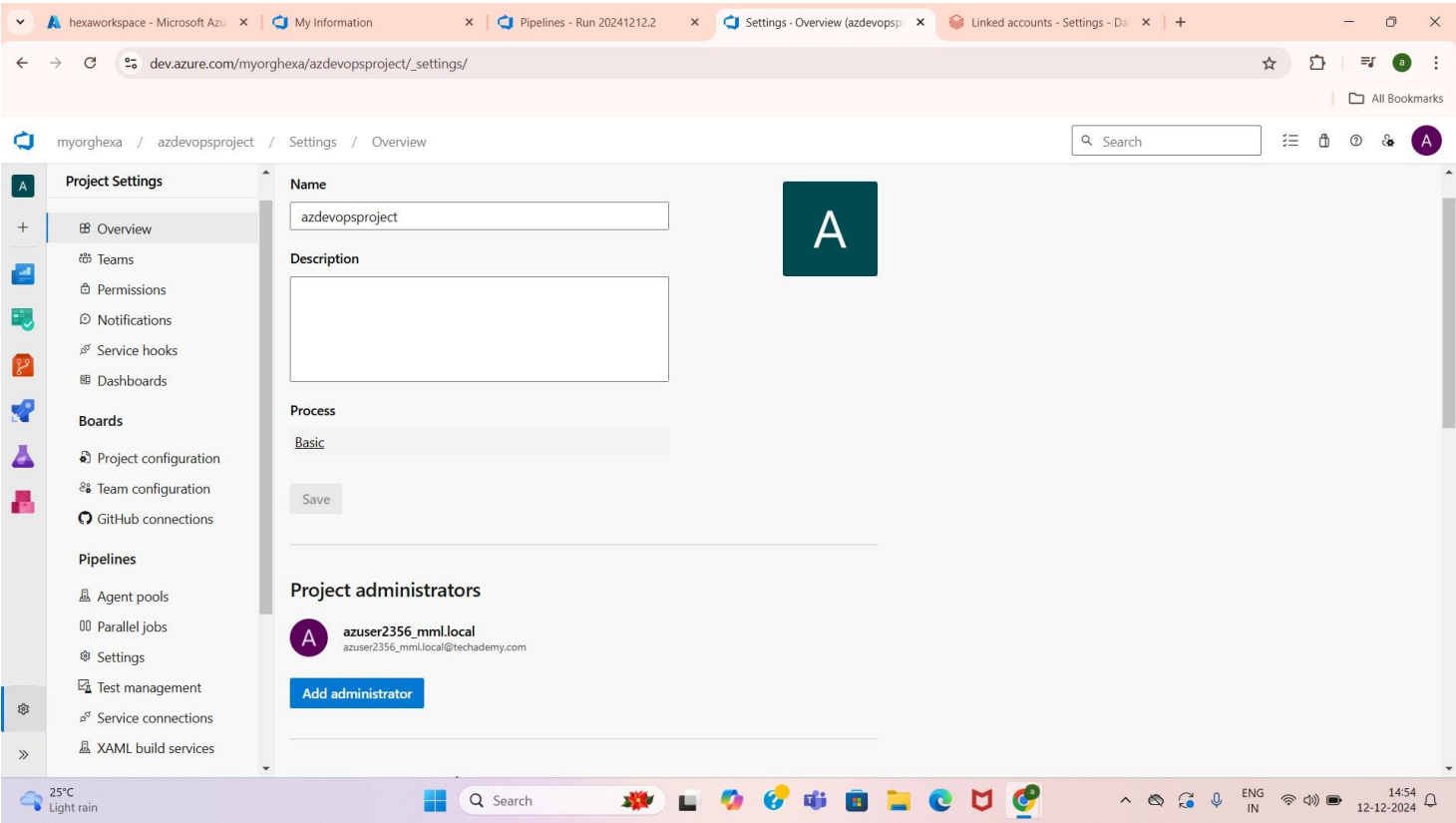
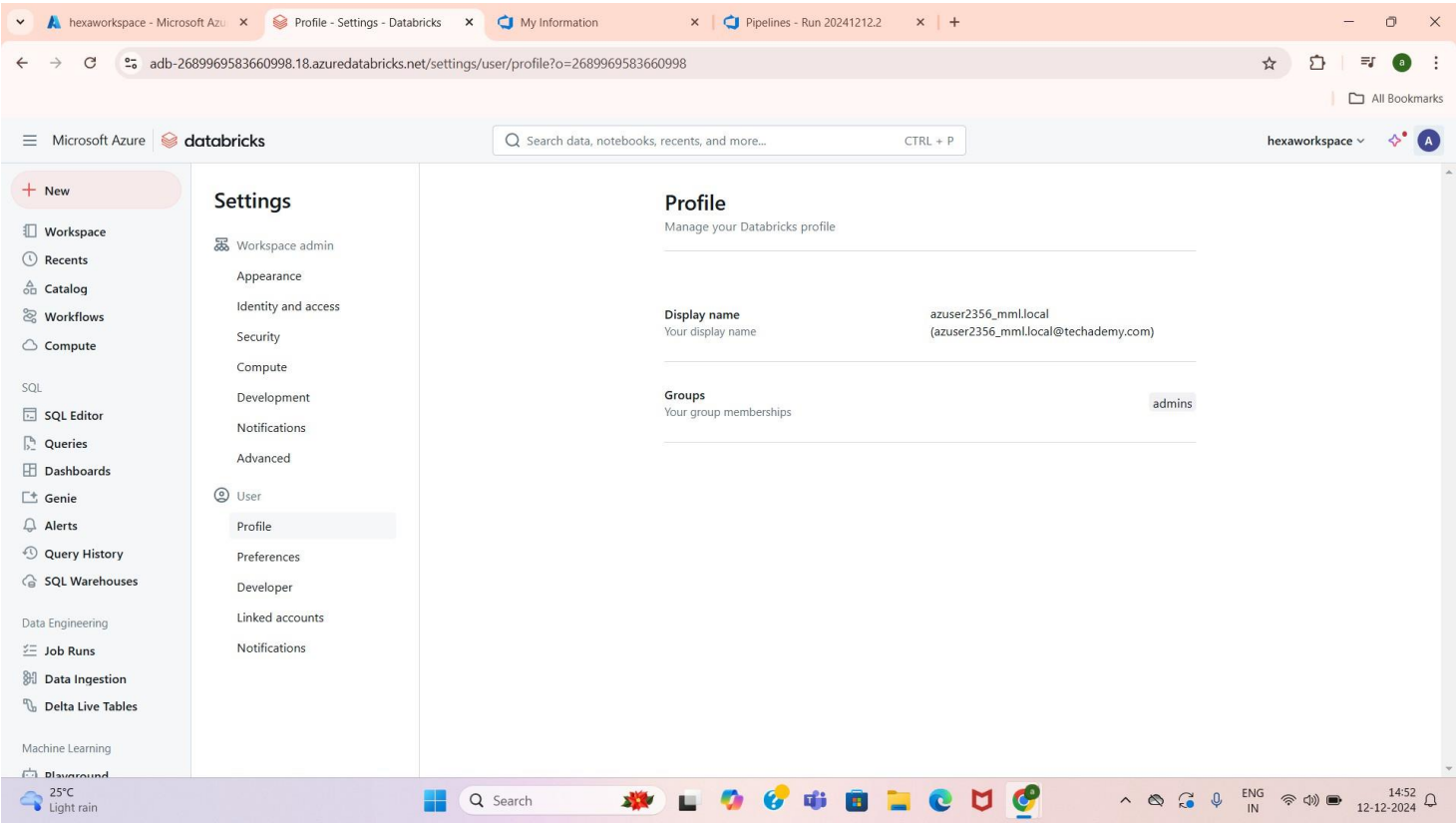
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2. Configuring git in Databricks:



hexaworkspace - Microsoft Azure | Linked accounts - Settings - Databricks | My Information | Pipelines - Run 20241212.2

adb-2689969583660998.18.azuredatabricks.net/settings/user/linked-accounts?o=2689969583660998

Microsoft Azure | databricks

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hexaworkspace

Settings

- Workspace admin
 - Appearance
 - Identity and access
 - Security
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 - Advanced
- User
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Git integration

With co-versioned repo
Databricks Git folders and Repos allow you to clone a remote Git repo, which you can specify when you add a Git folder. [Learn more](#)

With individual notebooks
Although we recommended using co-versioned repo for Git integration, Databricks supports individual notebook version control integration with GitHub, Bitbucket Cloud, or Azure DevOps Services (using AAD authentication only).

Set your Git provider and credentials
You can also set your Git provider credentials via API. [Learn more](#)

Git provider
Azure DevOps Services (Personal access to...)

Git provider username or email
aathirainathan@gmail.com

Token
To generate a Azure DevOps personal access token, follow the Azure DevOps documentation. The token should have "Full access" scope.

Token with repo read/write permissions

Save

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hexaworkspace - Microsoft Azure | My Information | Pipelines - Run 20241212.2 | Authorize application | Linked accounts - Settings - Databricks

github.com/login/oauth/authorize?client_id=15e320c578e32a39c58a&state=https%3A%2F%2Fdev.azure.com%3A443%2Fmyorg%2F60089bae-bb8e-4ba2-b986-c757c35f1485...

Authorize Azure Boards

Azure Boards by Microsoft wants to access your Aathirainathan account

- Personal user data
Email addresses (read-only), profile information (read-only)
- Repositories
Public and private

Organization access
StackItHQ X Request

Cancel Authorize microsoft

Authorizing will redirect to
<https://app.vssps.visualstudio.com>

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hexaworkspace - Microsoft Azu x My Information x Pipelines - Run 20241212.2 x Settings - Personal access token x Linked accounts - Settings - Da x +

dev.azure.com/myorghexa/_usersSettings/tokens

Azure DevOps

User settings
azuser2356_mml.local

Account

- Profile
- Time and Locale
- Permissions

Preferences

- Notifications
- Theme
- Usage

Security

- Personal access tokens
- SSH public keys
- Authorizations

Personal Access Tokens

These can be used instead of a password for applications like Git or can be passed in the authorization header to access REST APIs

Access scope: myorghexa Status: Active

Manage tokens

Token name	Organization	Status	Expires on
<input type="checkbox"/> Git: https://dev.azure.com/myorghexa on the website. Code (Read & write)	myorghexa	Active	1/11/2025
<input type="checkbox"/> Git: https://dev.azure.com/myorghexa on the website. Code (Read & write)	myorghexa	Active	1/11/2025
<input type="checkbox"/> Git: https://dev.azure.com/myorghexa on the website. Code (Read & write)	myorghexa	Active	1/11/2025
<input type="checkbox"/> Git: https://dev.azure.com/myorghexa on the website. Code (Read & write)	myorghexa	Active	1/11/2025
<input type="checkbox"/> Git: https://dev.azure.com/myorghexa on PUMA Code (Read & write); Packaging (Read)	myorghexa	Active	12/12/2025
<input type="checkbox"/> Git: https://dev.azure.com/myorghexa on PUMA Code (Read & write); Packaging (Read)	myorghexa	Active	12/12/2025

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Search

14:55 12-12-2024

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dev.azure.com/myorghexa/_usersSettings/tokens

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<input type="checkbox"/> Git: https://dev.azure.com/myorghexa on the website. Code (Read & write)
<input type="checkbox"/> Git: https://dev.azure.com/myorghexa on PUMA Code (Read & write); Packaging (Read)
<input type="checkbox"/> Git: https://dev.azure.com/myorghexa on PUMA Code (Read & write); Packaging (Read)

Create a new personal access token

Name
connection token

Organization
myorghexa

Expiration (UTC)
30 days 1/11/2025

Scopes
Authorize the scope of access associated with this token
Scopes ☐ Full access ☒ Custom defined

Test management
Read, create, and update test plans, cases, and results
☐ Read ☐ Read & write

Packaging
Create, read, update, and delete feeds and packages
☐ Read ☐ Read & write ☐ Read, write, & manage

Show all scopes (30 more)

Create Cancel

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Success!

You have successfully added a new personal access token. Copy the token now!

DC4tr6a4K8AabqHZLxDa5

Warning - Make sure you copy the above token now. We don't store it and you will not be able to see it again.

Close

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Microsoft Azure databricks

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- Data Ingestion
- Delta Live Tables

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Save

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Settings - Personal access token

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Connect your Databricks account to other services

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Azure DevOps Services (Personal access token)
aathirainathan@gmail.com

EditDelete

Credentials update

Successfully saved.

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Session expired

My Information

azdevsproject - Repos

Pipelines - Run 2024

Settings - Personal access token

Repos - Databricks

Home - Databricks

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Workspace

Home

Workspace

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Favorite

Trash

Workspace > Users >

azuser2356_mml.local@techademy.com

NameTypeOwnerCreated at

Create

Create Git folder

Git repository URL

Git provider

Git folder name

Sparse checkout mode

CancelCreate Git folder

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12-12-2024

Session expired

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azdevopsproject - Repos

Pipelines - Run 20241212

Settings - Personal access

azdevopsproject - Databricks

adb-2689969583660998.18.azuredatabricks.net/browse/folders/370001883616182?o=2689969583660998

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Workspace

Home

Workspace

Repos (Legacy)

Favorites

Trash

Workspace > Users > azuser2356_mml.local@techademy.com >

azdevopsprojectmain

Share

Create

Name	Type	Owner	Created at
azure-pipelines.yml	File	azuser2356_mml.local	2024-12-12 15:59:39
Coding Challenge - 4 Aathirainathan P.pdf	File	azuser2356_mml.local	2024-12-12 15:59:39
Custom Job creation.html	File	azuser2356_mml.local	2024-12-12 15:59:39
de1	File	azuser2356_mml.local	2024-12-12 15:59:39
de2	File	azuser2356_mml.local	2024-12-12 15:59:39
de3	File	azuser2356_mml.local	2024-12-12 15:59:39
de4	File	azuser2356_mml.local	2024-12-12 15:59:39
de5.py	File	azuser2356_mml.local	2024-12-12 15:59:39
myfile	File	azuser2356_mml.local	2024-12-12 15:59:39
README.md	File	azuser2356_mml.local	2024-12-12 15:59:39

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15:59 12-12-2024

--Thank You!