Akilesh K

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Data engineering - Batch 1

Date: 23-02-24

DAY 23 – Azure DevOps-Repos

- **Get HTTPS from azure repos**

- **Clone the repo to your local**

- **Uploading directly to the main**
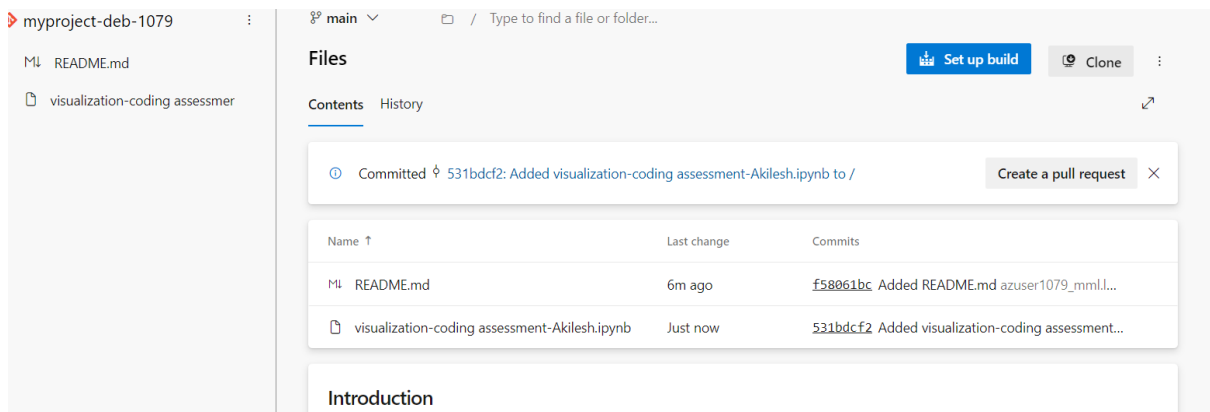
- **Config the list**

```
Akilesh K@DESKTOP-A98NUHP MINGW64 ~/project1079/myproject-deb-1079 (master)
$ git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=openssl
http.sslcainfo=C:/Program Files/Git/mingw64/etc/ssl/certs/ca-bundle.crt
core.autocrlf=true
core.fscache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
```

- **Create files**

```
Akilesh K@DESKTOP-A98NUHP MINGW64 ~/Downloads/projectcreate/project-1096-hexa (master)
$ touch file 3
```

- **Add these to the repos**

```
Akilesh K@DESKTOP-A98NUHP MINGW64 ~/Downloads/projectcreate/project-1096-hexa (master)
$ git add file 3
```

- **It reflects on the GUI folder**

This PC > Downloads > projectcreate > project-1096-hexa

Name	Date modified	Type	Size
3	23-02-2024 15:14	File	0 KB
file	23-02-2024 15:14	File	0 KB
file1	23-02-2024 14:55	File	0 KB
file2	23-02-2024 15:03	File	0 KB
README	23-02-2024 15:10	File	0 KB

- **Commit this with a message**

```
Akilesh K@DESKTOP-A98NUHP MINGW64 ~/Downloads/projectcreate/project-1096-hexa (master)
$ git commit -m "yes"
[master cc7cd09] yes
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 3
 create mode 100644 file
```

- **Push these file to azure repos**

```
Akilesh K@DESKTOP-A98NUHP MINGW64 ~/Downloads/projectcreate/project-1096-hexa (master)
$ git push origin master --force
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 259 bytes | 259.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0
remote: Analyzing objects... (2/2) (12 ms)
remote: Validating commits... (1/1) done (0 ms)
remote: Storing packfile... done (64 ms)
remote: Storing index... done (52 ms)
To https://dev.azure.com/azuser1079mmllocal/project-1096-hexa/_git/project-1096-hexa
   3bd896a..cc7cd09  master -> master
```

- **Commit message portal**

Graph	Commit			Pull Request	Status
	yes cc7cd091	Ⓐ unknown	Today at 3:14 PM		
	reinitialized files 3bd896a3	Ⓐ unknown	Today at 3:10 PM		
	add file ffb3d407	Ⓐ unknown	Today at 3:04 PM		
	sample message fb723998	Ⓐ unknown	Today at 2:56 PM		

- **Master branch**

ⓘ You updated ⑂ master 11m ago   Create a pull request   ✕

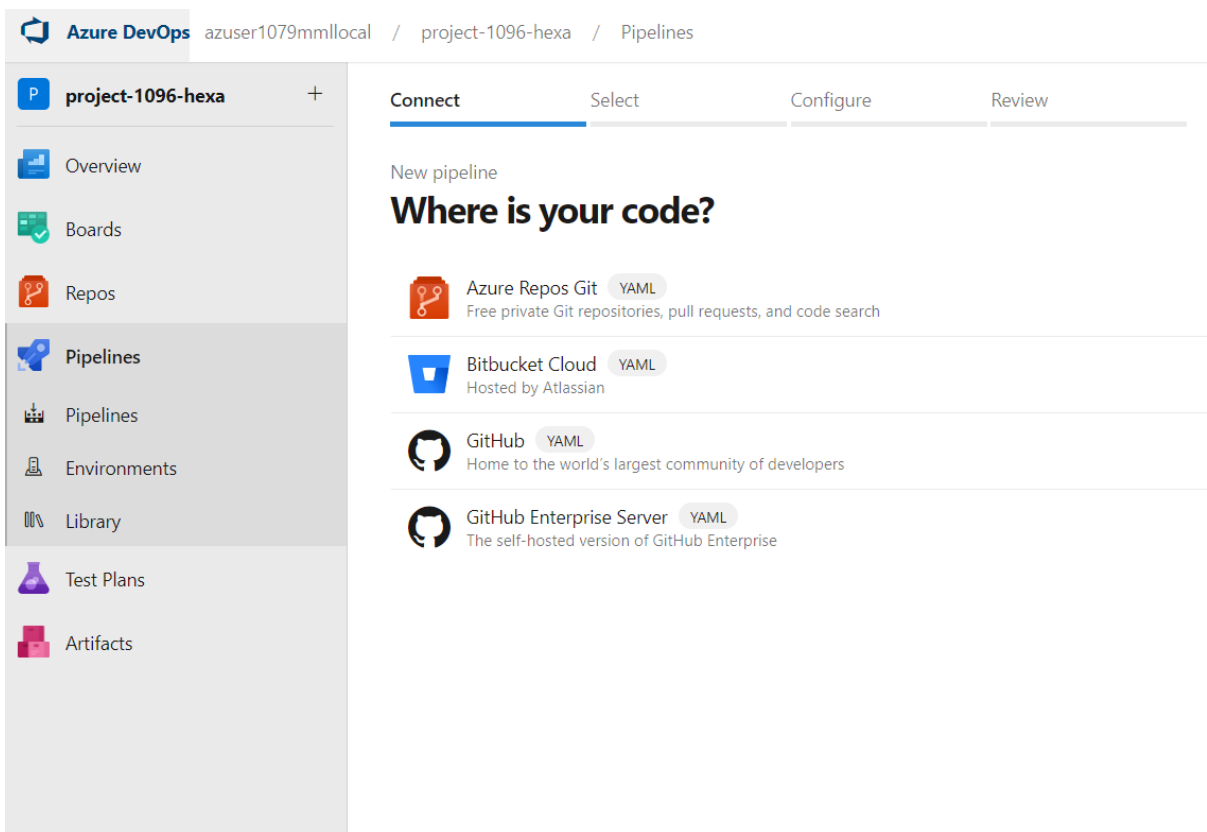| Name ↑	Last change	Commits
🗋 3	11m ago	cc7cd091 yes unknown
🗋 file	11m ago	cc7cd091 yes unknown
🗋 file1	29m ago	fb723998 sample message unknown
🗋 file2	21m ago	ffb3d407 add file unknown
🗋 README	15m ago	3bd896a3 reinitialized files unknown
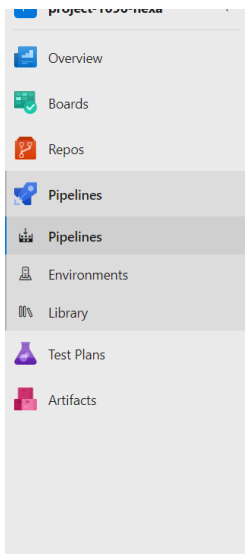
- **Create pipeline**

- **Azure repos git**

P   **project-1096-hexa**   +

Overview

Boards

Repos

Pipelines

Pipelines

Environments

Library

Test Plans

Artifacts

Connect   Select   Configure   Review

New pipeline
Where is your code?

Azure Repos Git   YAML
Free private Git repositories, pull requests, and code search

Bitbucket Cloud   YAML
Hosted by Atlassian

GitHub   YAML
Home to the world's largest community of developers

GitHub Enterprise Server   YAML
The self-hosted version of GitHub Enterprise

- **Select repository**

✓ Connect   **Select**   Configure   Review

New pipeline
Select a repository

| ≡ Filter by keywords | project-1096-hexa ⌄   ✕ |

 project-1096-hexa

- **Start a pipeline**

✓ Connect   ✓ Select   **Configure**   Review

New pipeline
Configure your pipeline

Starter pipeline
Start with a minimal pipeline that you can customize to build and deploy your code.

Existing Azure Pipelines YAML file
Select an Azure Pipelines YAML file in any branch of the repository.

Show more

- **YAML code for pipelines**

Review your pipeline YAML

◈ project-1096-hexa / **azure-pipelines.yml** * ⧉

```
 1  # Starter pipeline
 2  # Start with a minimal pipeline that you can customize to build and deploy
 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 hexa 1079!
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
```

- **Save and run**

Save and run   ✕

Saving will commit azure-pipelines.yml to the repository.

Commit message

Set up CI with Azure Pipelines

Optional extended description

Add an optional description...

◉ Commit directly to the main branch
◯ Create a new branch for this commit

◯ Creating pipeline...

- **Summary of the pipeline**

Summary Code Coverage

Manually run by Ⓐ azuser1079_mml.local   View 4 changes

Repository and version   Time started and elapsed   Related   Tests and coverage
◈ project-1096-hexa   ▦ Just now   ▣ 0 work items   ♜ Get started
⑂ main ◈ 97fc50a3   ⊙ <1s   ▥ 0 artifacts