



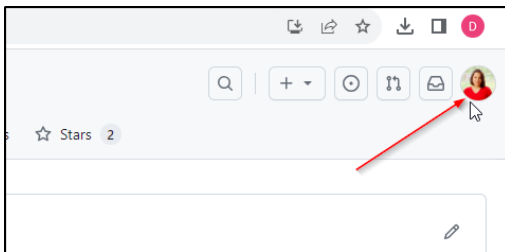
CONFIGURING GIT IN MATILLION

- Create a Token in GIT to access it from Matillion
- Configure github in Matillion

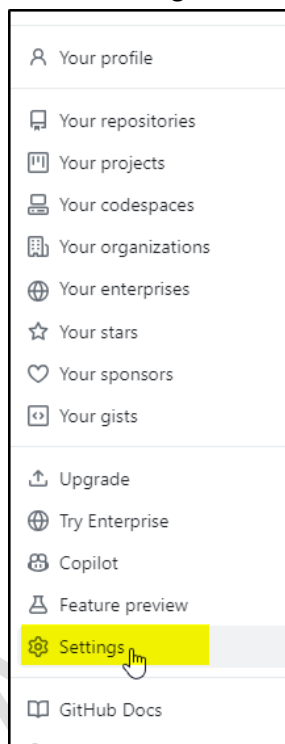
MTILLION GIT DOCUMENTATION: <https://docs.matillion.com/metl/docs/2974180/#contact-support>

CREATE A TOKEN IN GIT TO ACCESS IT FROM MATILLION

- Login to GITHUB <https://github.com/>
- Go to Profile (Top-right) , and click



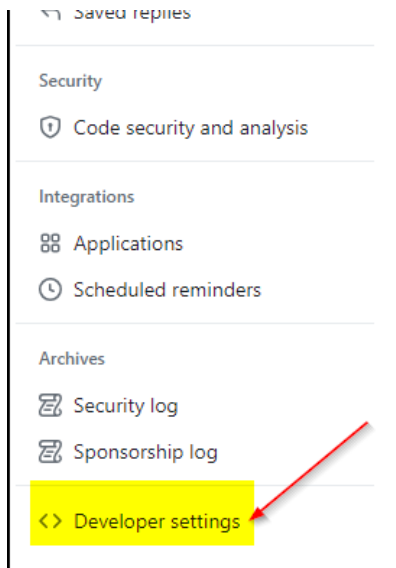
- Click on settings



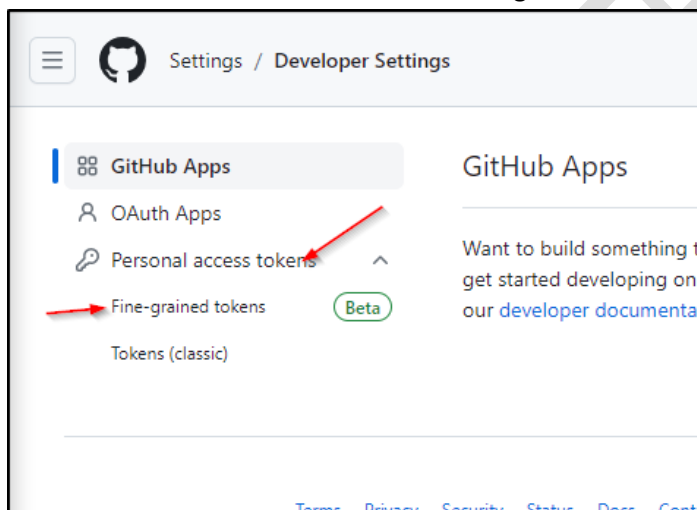
- Click on 'Developer settings'(left list , in the end)



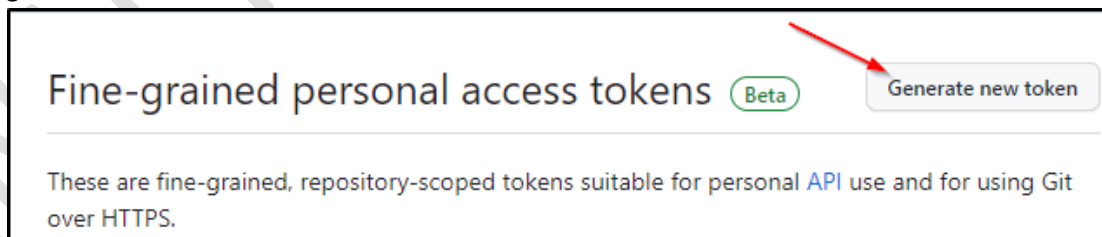
CONFIGURING GIT IN MATILLION



- Click on 'Personal access tokens' and then on 'fine-grained tokens'



- Click on generate new token:



- Fill in the details :
 - Token name, expiration date and description



CONFIGURING GIT IN MATILLION

New fine-grained personal access token Beta

Create a fine-grained, repository-scoped token suitable for personal API use and over HTTPS.

Token name *
Ren_Matillion_FineGrainedToken ✓

A unique name for this token. May be visible to resource owners or users with possession of this token.

Expiration *
Custom... 09/24/2024

Description
Fine grained token created to push jobs from matillion

What is this token for?

- Select 'all repositories'
- In Repository permission change all to 'read and write'
- Account permission to 'read only'

☒ **All repositories**
This applies to all current *and* future repositories owned by the resource owner. Also includes public repositories (read-only).

☐ **Only select repositories**
Select at least one repository. Max 50 repositories. Also includes public repositories (read-only).

Permissions

Read our [permissions documentation](#) for information about specific permissions.

Repository permissions >
Repository permissions permit access to repositories and related resources.

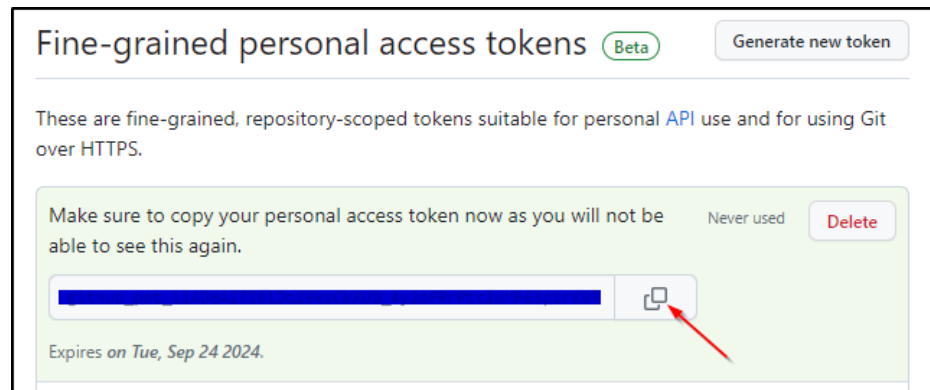
Account permissions >
User permissions permit access to resources under your personal GitHub account.

Overview

- Click on 'generate token'. Copy the token and save.



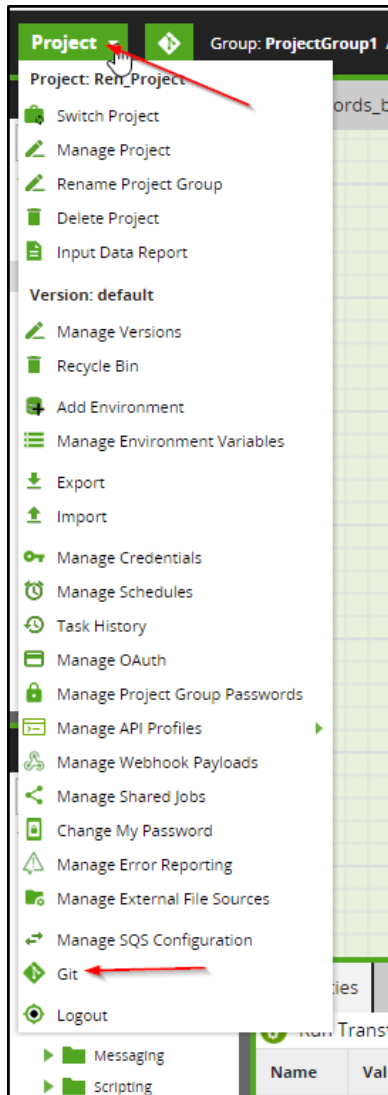
CONFIGURING GIT IN MATILLION



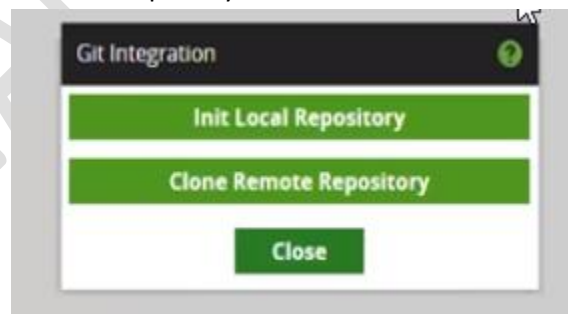
CONFIGURE GIT IN MATILLION:

- In project> Click on Project > Click on GIT

CONFIGURING GIT IN MATILLION



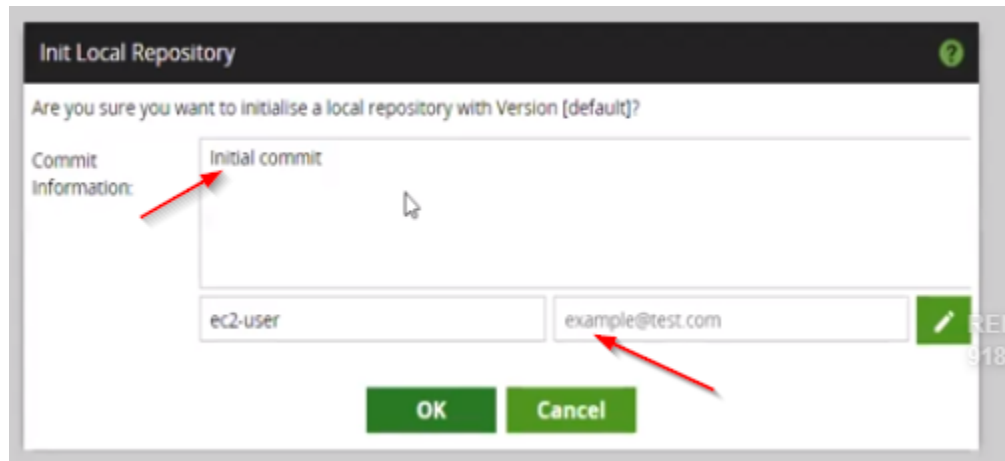
- Click on Init Local repository:



- In the init local repository pop up update the following:
 - Commit information – add meaningful comments
 - Update with GIT registered email

CONFIGURING GIT IN MATILLION

Click OK



Init Local Repository

Are you sure you want to initialise a local repository with Version [default]?

Commit Information:

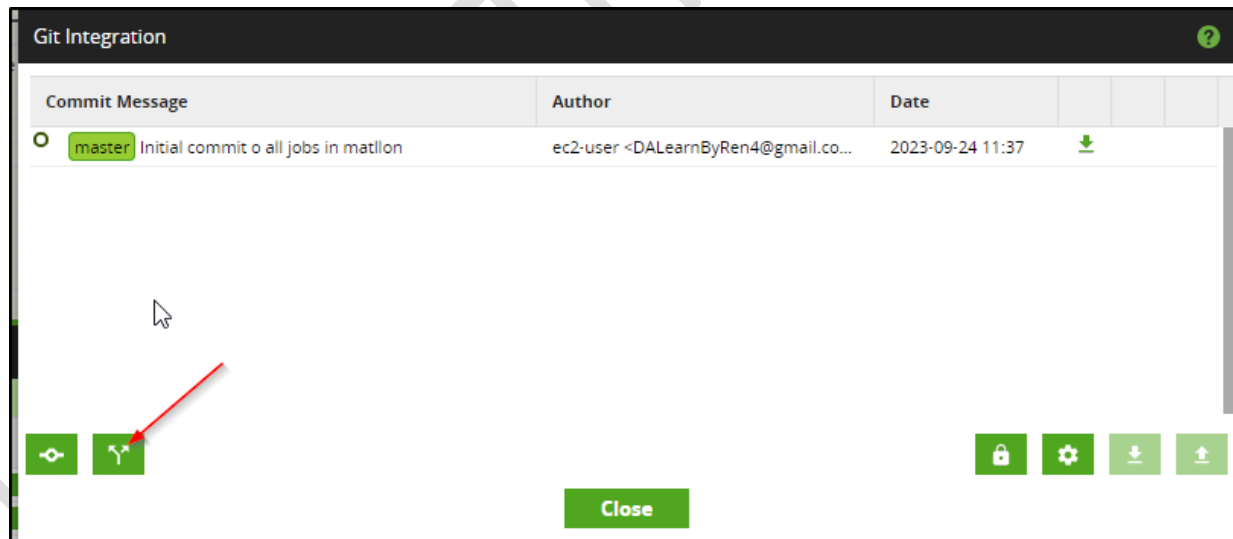
Initial commit

ec2-user example@test.com

OK Cancel

CREATING A BRANCH

- Click o Branch icon

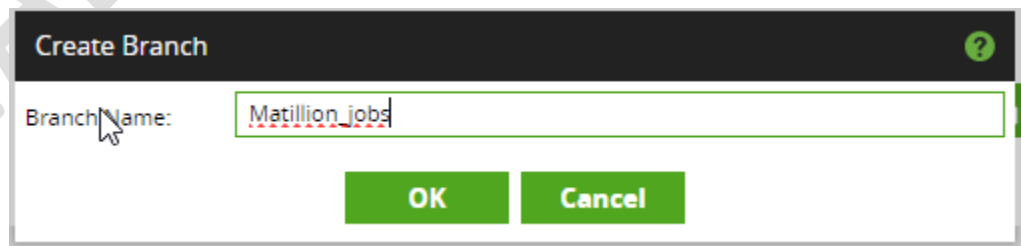


Git Integration

Commit Message	Author	Date
master Initial commit o all jobs in matllon	ec2-user <DALearnByRen4@gmail.co...	2023-09-24 11:37

Close

- Add banch name and click OK



Create Branch

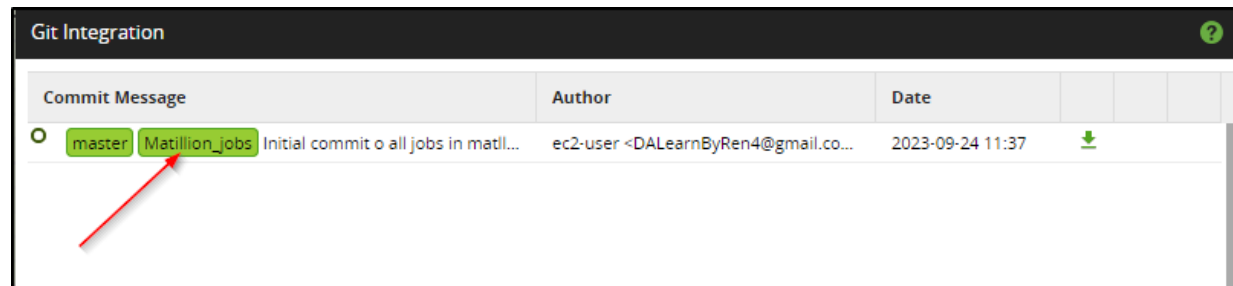
Branch Name: Matillion_jobs

OK Cancel

- Branch is created /:

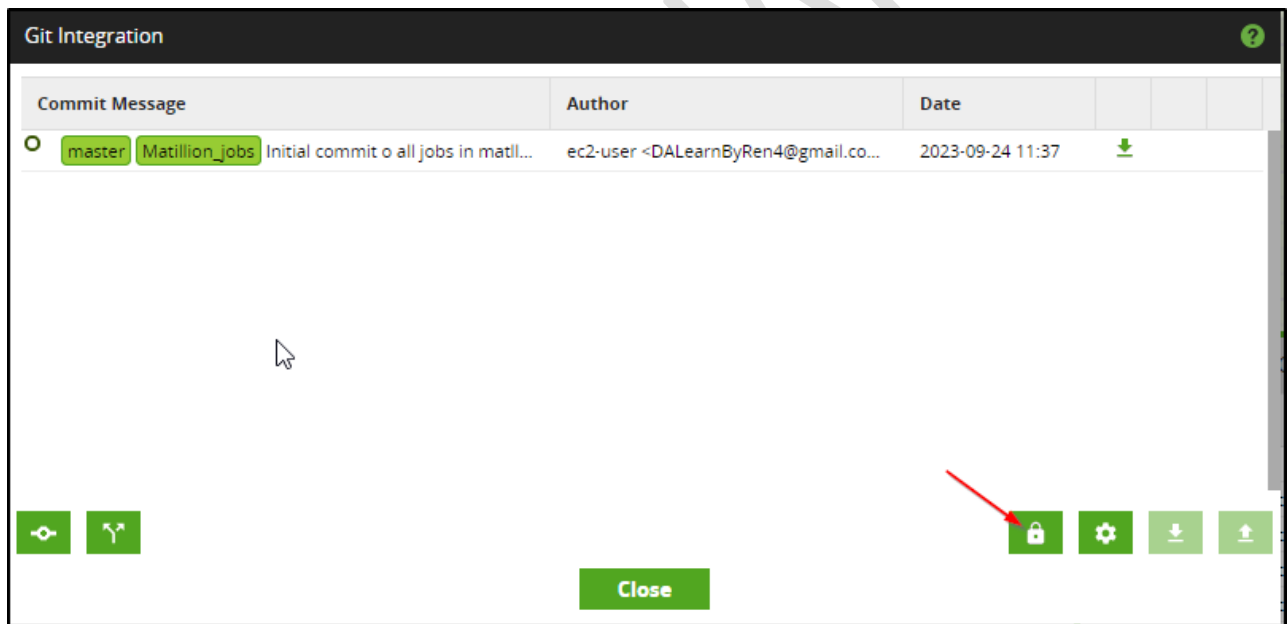


CONFIGURING GIT IN MATILLION



CONFIGURING GITHUB CREDENTIALS:

Click on Configure default credentials



Update below fields:

Username : your GIT username

Password: Fine-grained personal access tokens that we created

Encryption type: Encoded



CONFIGURING GIT IN MATILLION

Configure Default Credentials ?

Please enter credentials to use for remote operations

HTTPS

Username:

Password:

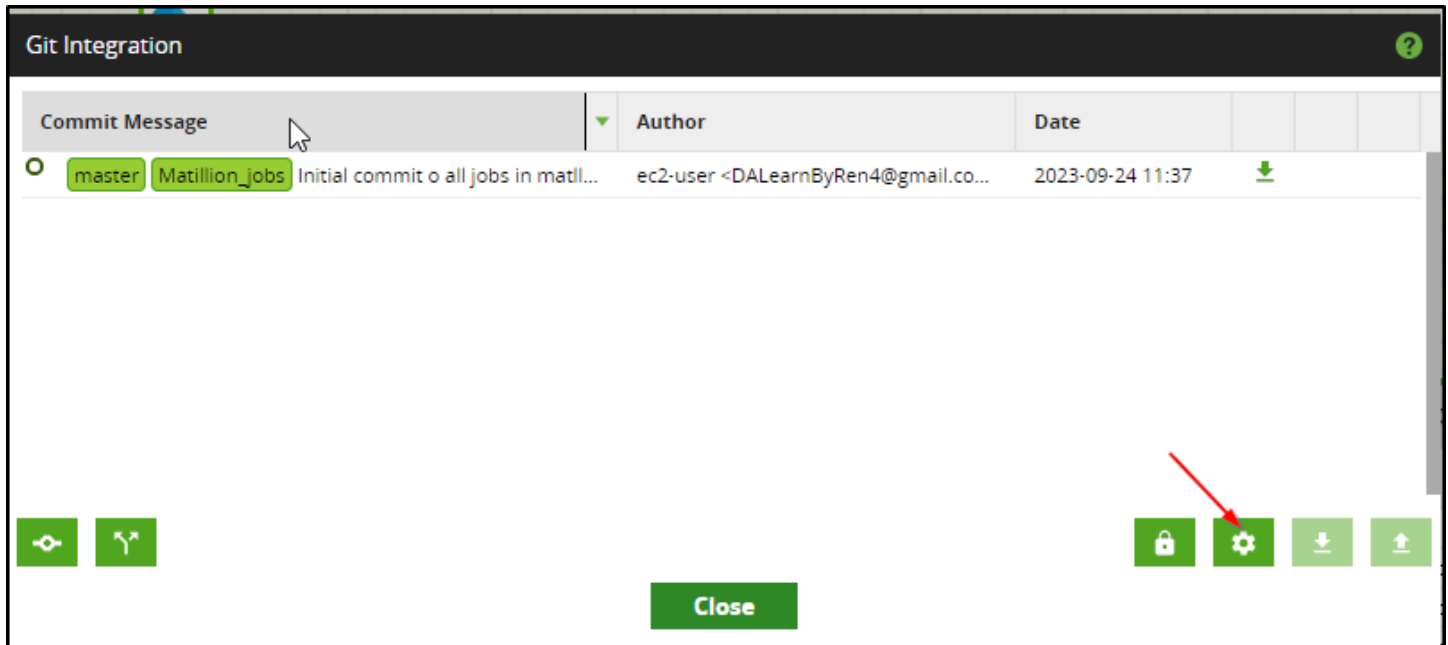
Encryption Type:

OK **Cancel**

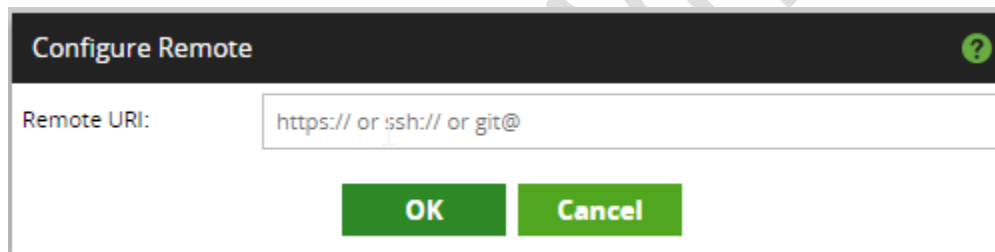
CONFIGURING REMOTE:



CONFIGURING GIT IN MATILLION



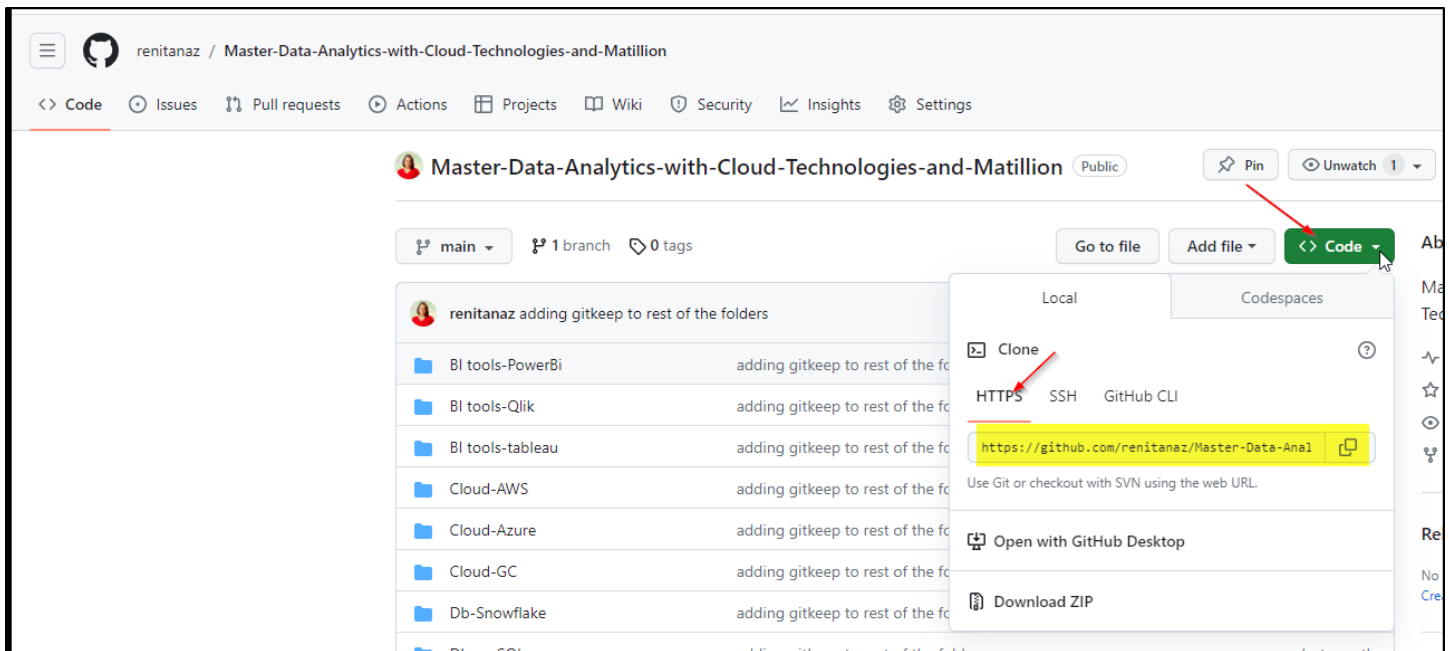
Add remote URI in the pop up:



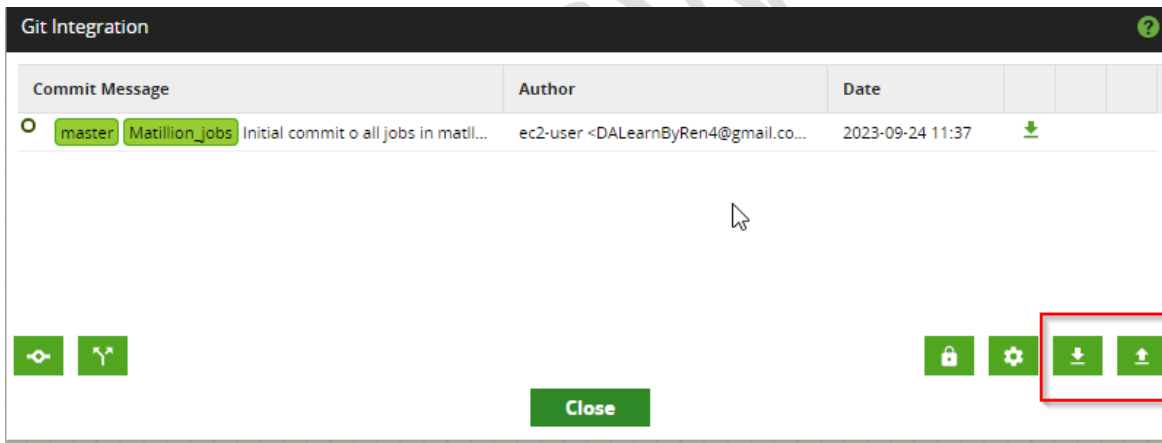
Remote URI is picked from GITHUB> yourrepository> CODE > Https



CONFIGURING GIT IN MATILLION



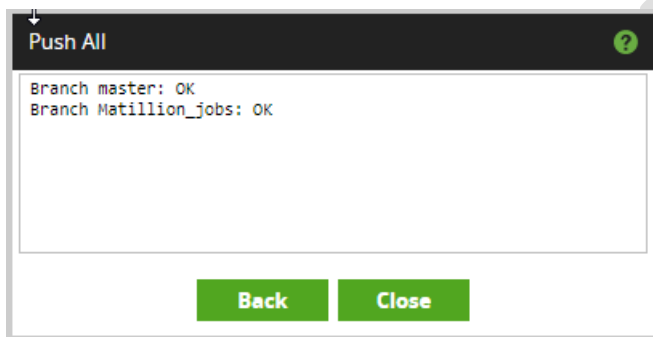
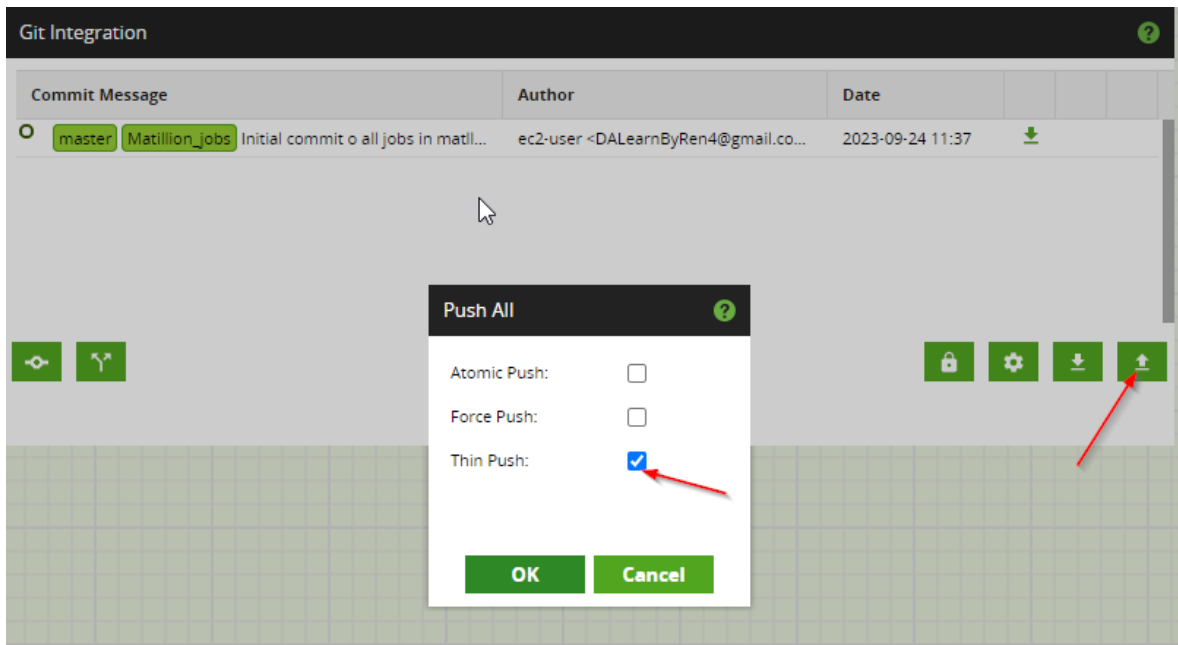
Once remote UI is updated and on clicking OK, the push and fetch icons are enabled :



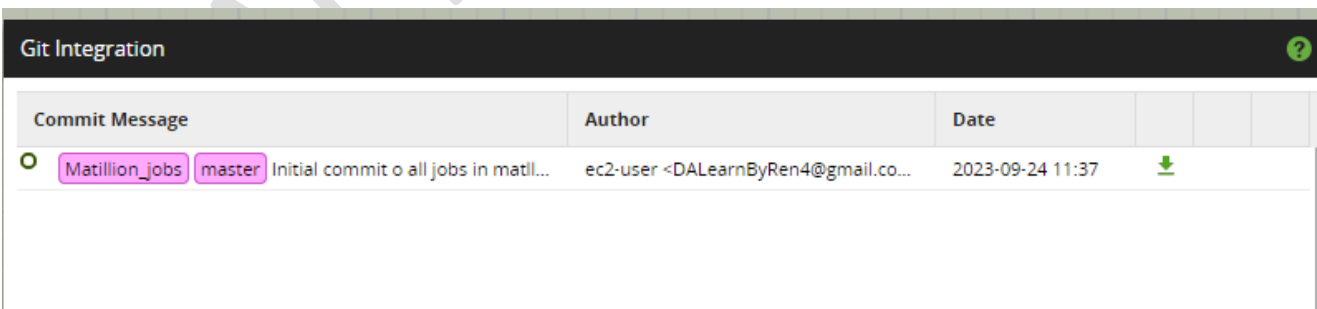
TO PUSH:

Click on PUSH icon and select Thin push

CONFIGURING GIT IN MATILLION



Commit record turned pink (ocal and remote branch is pointing at same commit)



PUSHING THE CODE:



CONFIGURING GIT IN MATILLION

Click on Push all > thin push > ok

Git Integration

Commit Message	Author	Date			
Matillion_jobs master Initial commit o all jobs in matill...	ec2-user <DALearnByRen4@gmail.co...	2023-09-24 11:37			

Close

Verify GITHUB:

The matillion files have been pushed to GITHUB.

Master-Data-Analytics-with-Cloud-Technologies-and-Matillion Public Pin Unwatch 1

master had recent pushes 8 minutes ago Compare & pull request

Matillion_Jobs had recent pushes 8 minutes ago Compare & pull request

main 3 branches 0 tags Go to file Add file <> Code

Switch branches/tags

Find or create a branch...

Branches

Tags

main default

Matillion_Jobs

master

[View all branches](#)

Protection for main

Prevent merging

Require status checks before merging. [Learn more](#)

Protect this branch

Commits

6f70a87 on Aug 20 3 commits

adding gitkeep to rest of the folders

last month

adding gitkeep to rest of the folders

last month



CONFIGURING GIT IN MATILLION

NEW CHANGES and COMMIT :

- Make some changes in Matillion designer. Eg: create a n orchestration jobak
- In GIT Integration pop up , click on commit icon
- Select the chages to check in , add commit message ad email >OK

Git Integration

Commit

Commit Message: Matillion_job

Branch Name: Matillion_jobs

Changes:

Change Type	File Path
<input checked="" type="checkbox"/> ADDED	Classwork/RDSMySQL_to_Snowflake

Commit Information:

Commit message:

ec2-user example@test.com

OK Cancel

Close

The latest commit is listed.



CONFIGURING GIT IN MATILLION

Git Integration					
Commit Message	Author	Date			
 Matillion_jobs Adding RDS load componenet	ec2-user <DALearnByRen4@gmail.co...	2023-09-25 00:12			
 master Matillion_jobs Initial commit o all jobs in matl...	ec2-user <DALearnByRen4@gmail.co...	2023-09-24 11:37			
 main adding gitkeep to rest of the folders	renatanas@renatanas@gmail.com	2023-08-20 07:25			
adding gitkeep	renatanas@renatanas@gmail.com	2023-08-20 07:22			
checking test	renatanas@renatanas@gmail.com	2023-08-20 07:08			

Now, PUSH the code and verify in GITHUB.