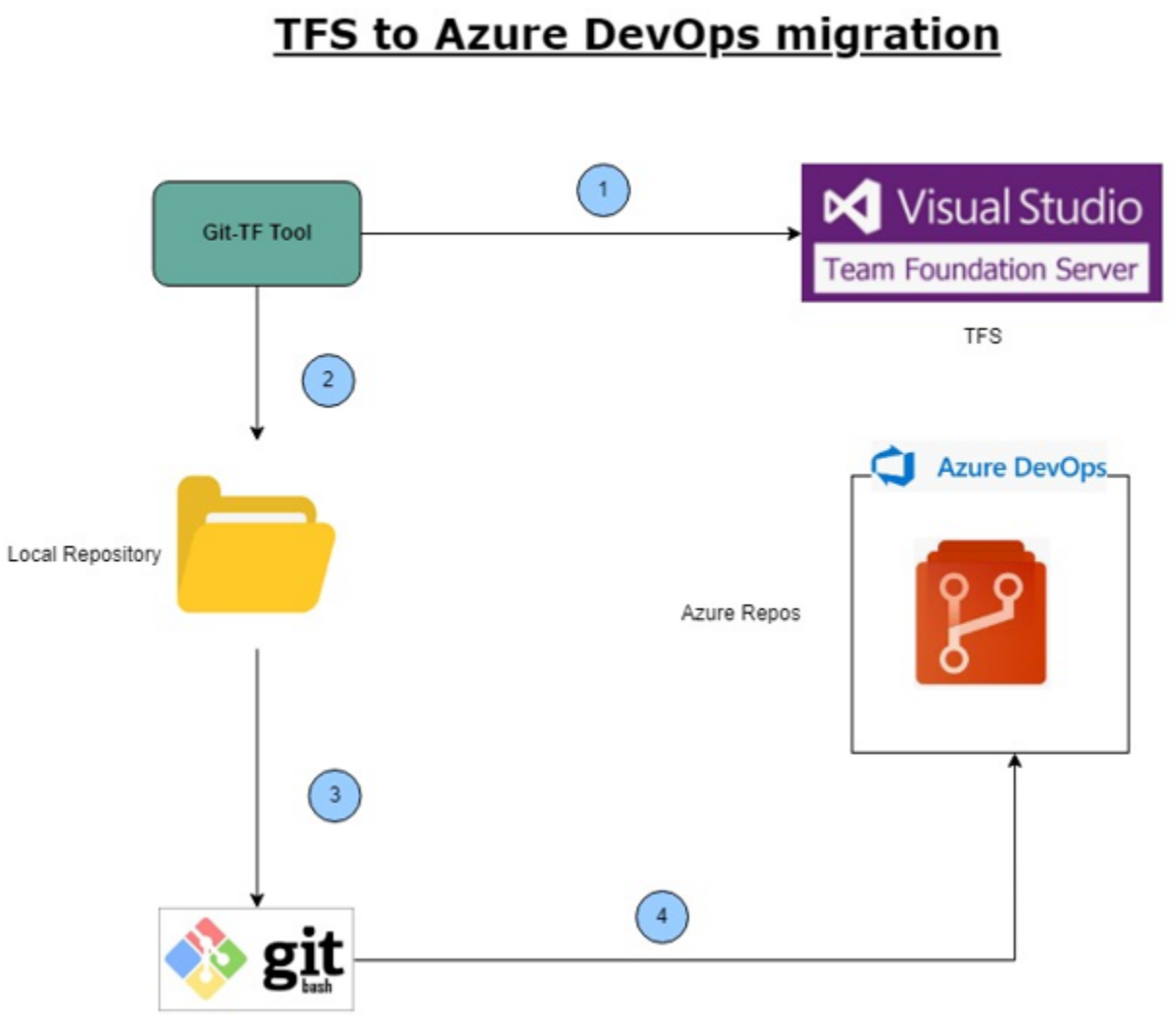
Steps to migrate source code from TFS to Azure Repo for Retail platform

Prerequisite:

1. Install Chocolatey to download and install Git-TFS
2. Install Visual Studio Community Version before installing GIT-TFS
3. Install Git-TFS tool to migrate code from TFS to local
4. Install Git Bash tool to push the code from local to Azure

TFS to Azure DevOps Design:



Chocolatey Installation Steps:

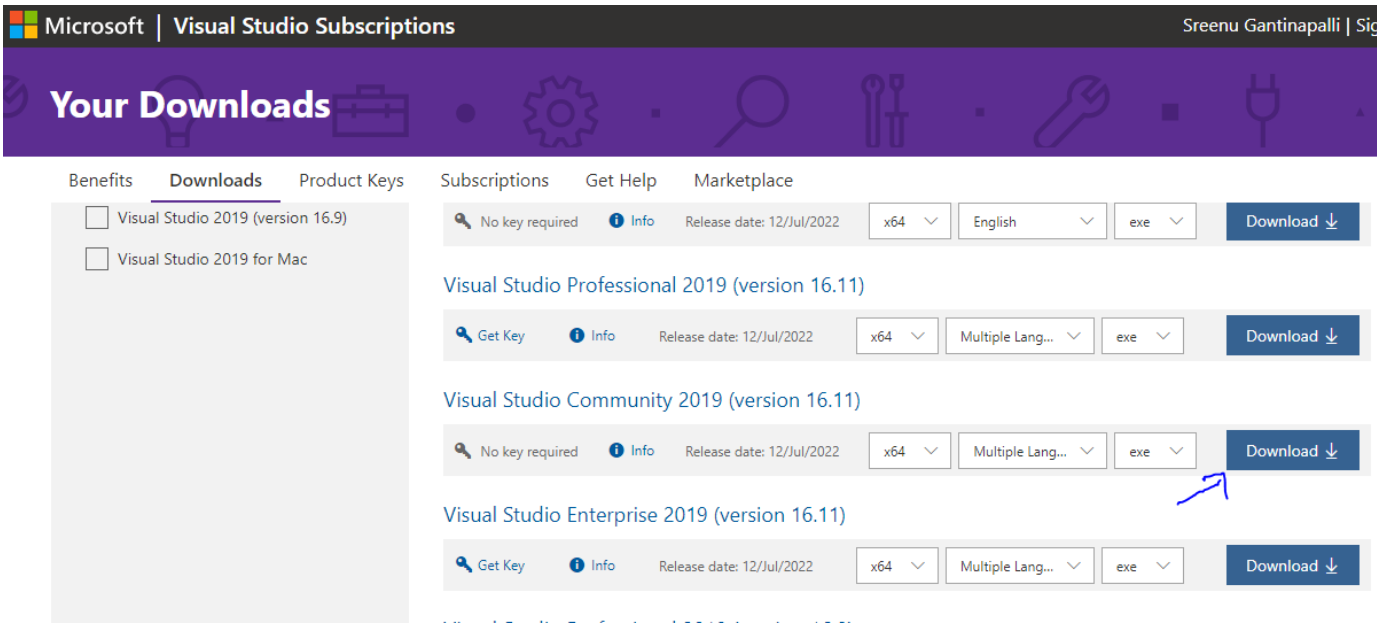
1. Open Windows Power Shell as a Administrator
2. Run below command to install Chocolatey

Set-ExecutionPolicy Bypass -Scope Process -Force; [System.Net.ServicePointManager]::SecurityProtocol = [System.Net.ServicePointManager]::SecurityProtocol -bor 3072; iex ((New-Object System.Net.WebClient).DownloadString('https://community.chocolatey.org/install.ps1'))

Visual Studio 2019 Installation Steps:

1. Go to below link and download the visual studio community version, before installing Git-TFS

https://my.visualstudio.com/Downloads?q=Visual Studio 2019

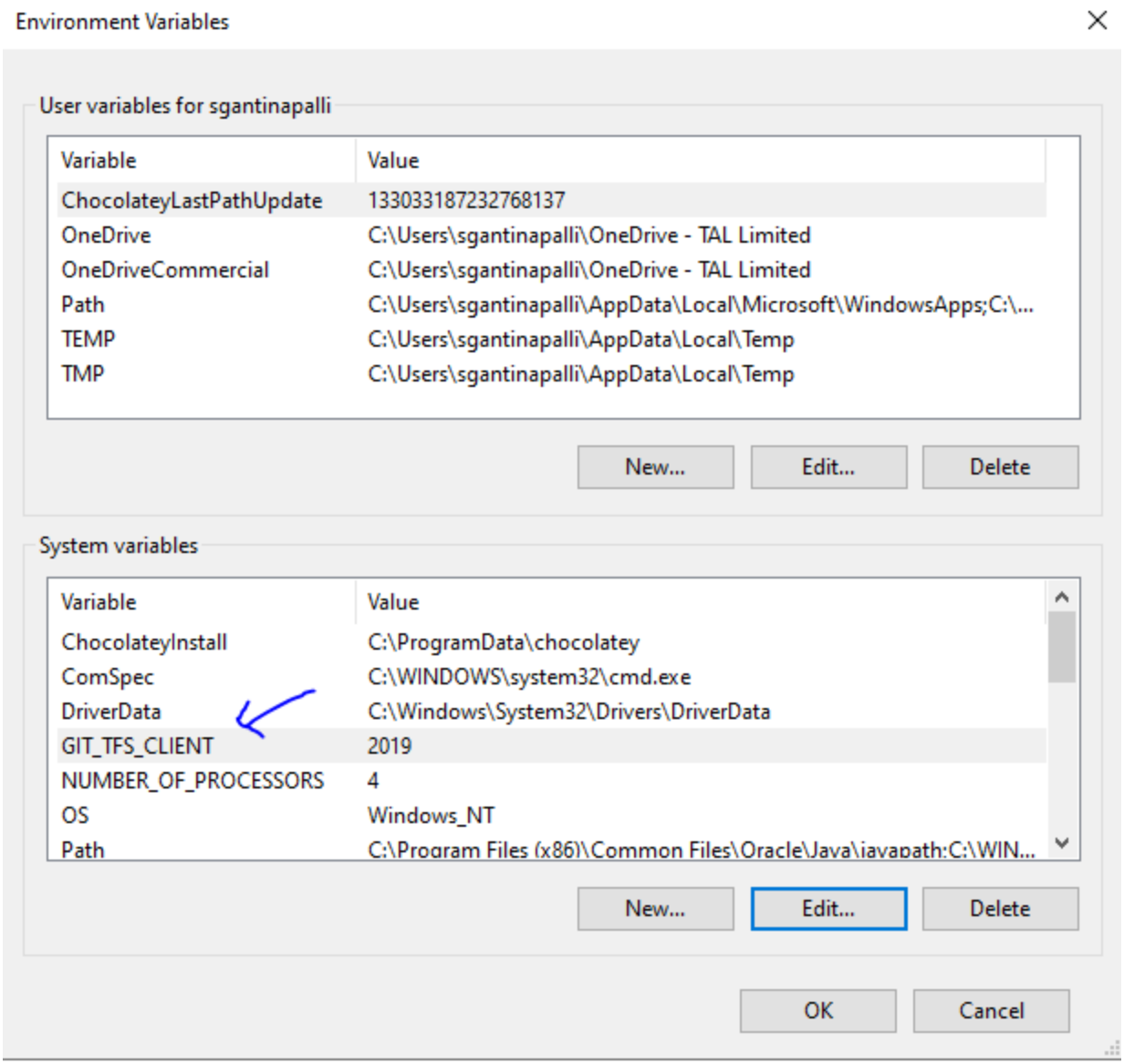


2. Click on the .exe file to install Visual Studio

3. Please wait for couple of minutes to complete the installation .

4. Go to My Computer Advanced System Settings Environment Variables and below values in System Variables.

GIT_TFS_CLIENT=2019



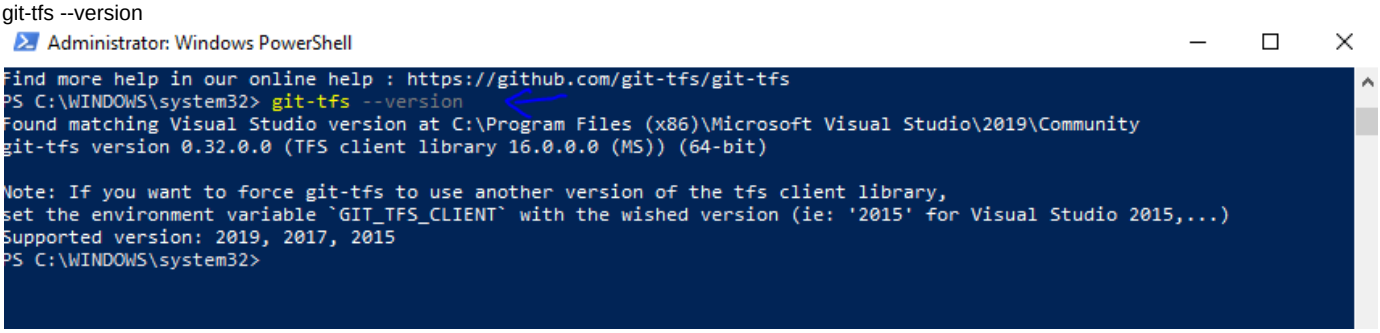
Git-TFS Installation Steps :

1. Open Windows Power Shell as a Administrator
2. Run below commands to install Git and Git-TFS

```
choco install git
choco install gittfs
```

3. After installation completed, run below commands to verify the Git-TFS installation successfully completed.

```
git-tfs --version
```



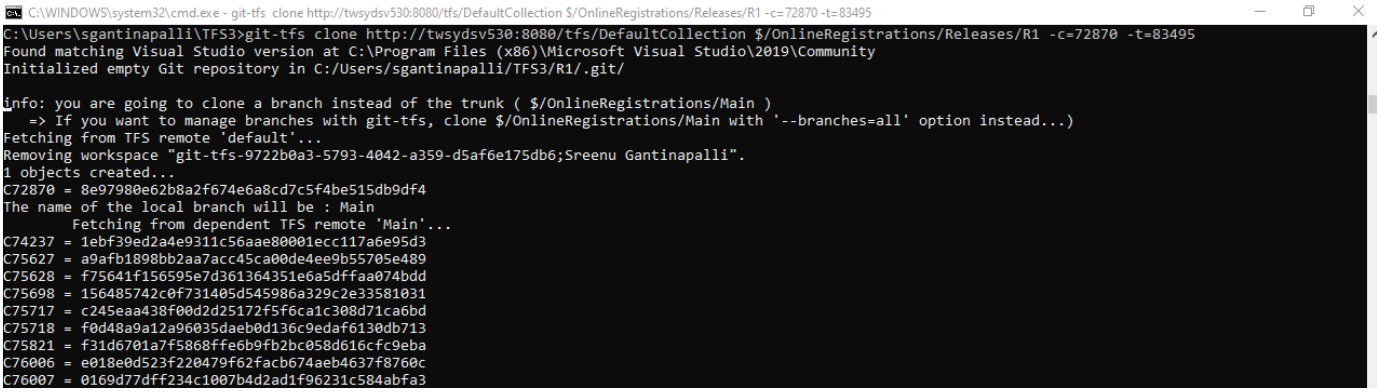
Steps to Clone source code from TFS to local Git Repository :

1. Open command prompt and create a folder(example: TFS) and run below command to clone the code from TFS.

`Usage: git-tfs clone [options] tfs-url-or-instance-name repository-path <git-repository-path>` -c=<changeset from>-t=<changeset up-to>

Note: -c specifies `The changeset to clone from` and -t specifies `up-to changeset`

git-tfs clone http://twsydsv530:8080/tfs/DefaultCollection $/OnlineRegistrations/Releases/R1 -c=72870 -t=83495

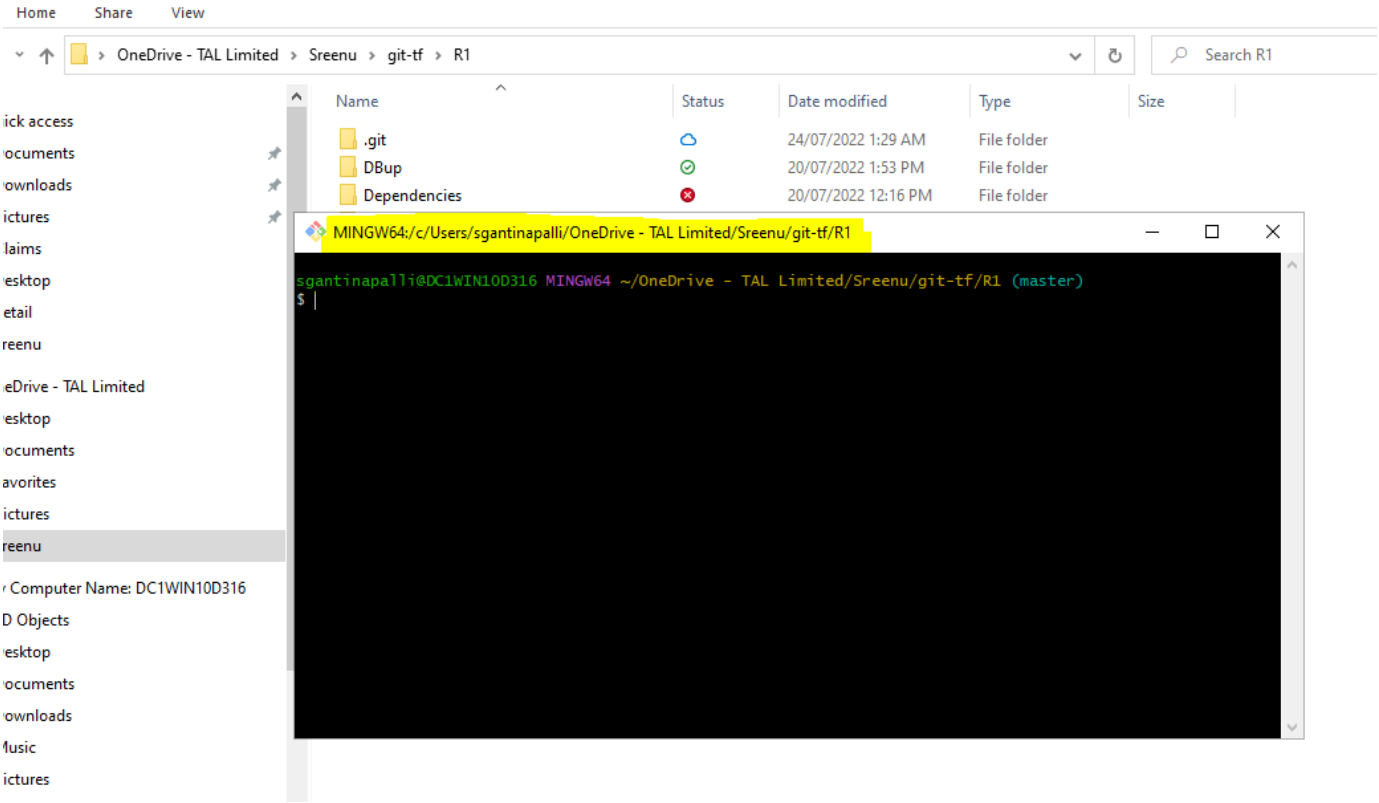


2. After completion, verify all the files and folders that were downloaded from TFS.

Steps to Push source code from local repository to Azure DevOps :

1. Install Git Bash Tool

2. Go to the folder where TFS was copied and right click and open Git Bash tool to run set of commands to push code from local to Azure DevOps.



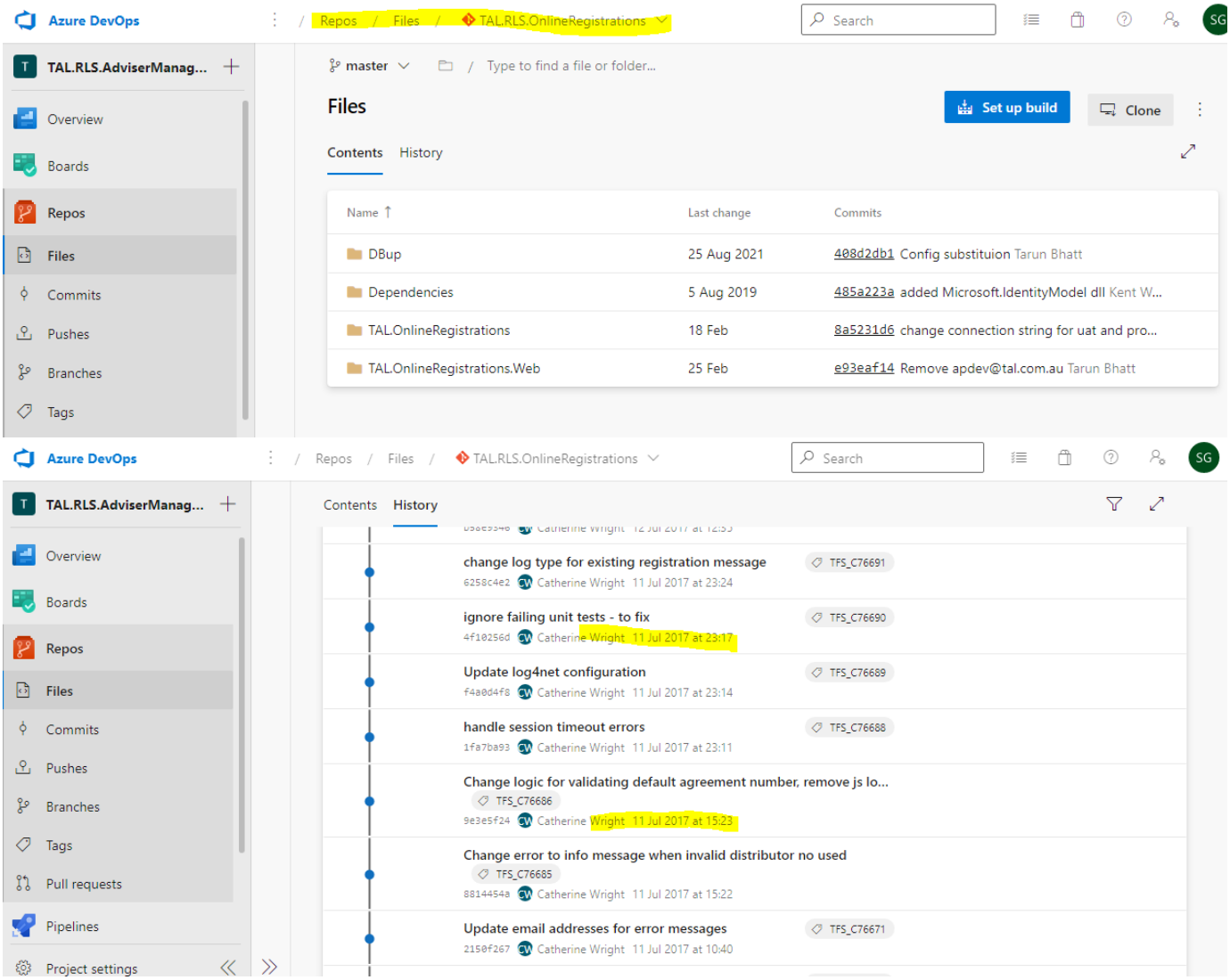
3. Add origin to Azuredevops -

git remote add origin https://TALContinuousDelivery@dev.azure.com/TALContinuousDelivery/TAL.RLS.AdviserManagement/_git/TAL.RLS.OnlineRegistrations

4. Now pull the latest code from Azuredevops repo to local git repository - **git pull origin master --allow-unrelated-histories**

5. Now push code to Azuredevops from local git repository - **git push -u origin –all**

6. Go to Azure DevOps and verify the files and the history to make sure everything is migrated.



7. The migrating source code from TFS to Azure Devops is completed.