

Synovus MuleSoft API Test Automation - Git Pull Request Guidelines



The purpose of this document is to help an individual to understand that how to work as test development in test automation.#

1. Clone repository

If creating MuleSoft API Test automation first time, clone existing repository from Azure Devops.

```
git clone https://SynovusFinancial@dev.azure.com/SynovusFinancial/Integration%20Hub/\_git/mulesoft-api-test-automation
```

2: In MuleSoft API Test Automation , we have to follow branch name as user story number followed by API.

Example- if task number is 255481 then branch name should be API255281.

3: Always create a new branch from main

Command

- 1- git checkout main
- 2- git checkout -b new-branch name

The above git checkout command accepts a -b argument that acts as a convenience method which will create the new branch and immediately switch to it.

4: After creating new branch from main, we will start coding according to the userstory provided.

Follow: CodingGuidelines.adoc

5: Steps to push code to AzureDevOps

- Check the status of working tree
- Add changes in local repository

- Commit the changes
- Push changes in remote repository

A. Check the status of working tree

You have to execute the code below to check the status of the working tree.

```
command : git status
```

B. Add changes in local repository

- If you made any changes then first you have to add these changes in the local repository and stage them for the commit. Below command will help you to do it.

```
command : git add .    [Dont Use It]
```

- Use the code below to add an individual file.

```
command : git add <file>
```

- Commit the changes

Now it's time to commit the changes and prepare it for the remote repository so we can push it.

```
command : git commit -m "new changes"
```

Note: Pull the latest code after committing the changes so that Merge conflicts can be resolved

```
command : git pull origin main
```

C. Push changes in remote repository

At last, execute the command below to push the changes in remote repository.

```
command : git push origin <branch name>
```

6: Create pull request in Azure DevOps to merge your local code to main.

Note: You need to add work items and reviewer when you create your pull request.

7: After creating the pull request, reviewer will review and approve your PR.

8: When your PR has been reviewed and Approved by reviewer, select Complete at upper right in the PR and then you need to delete your branch from Azure DevOps.