GIT basics

  URL to repository: <https://git.bnymellon.net/omx-99/tiqigc.api/tree/v1>

  Use git bash to execute git commands

* Use git init to set directory as git repository
* Use git remote add origin URL-of-git-rep to connect to git distributed DB

Example: git remote add origin <https://git.bnymellon.net/omx-99/tiqigc.api/tree/v1>

  From GIT bash prompt, change to git repository on local machine:

$ cd c:/app/v1/tiqigc.api

   Use git branch to see all branches in local repository

“Working” branch you are currently in will be identified by “\*”:

xeccgj5@V372AMS111321 MINGW64 /c/app/v1/tiqigc.api (v1)

$ git branch

  OMXTBN-413-IGC-AddressBookSummaryLoadIssueUnderArchival

  master

\* v1

   Use $ git checkout <directory name> to swap code in local directory from one branch to another

xeccgj5@V372AMS111321 MINGW64 /c/app/v1/tiqigc.api (v1)

$ git checkout master

Switched to branch 'master'

M       igc/BNYM.IGC.Tests/Services/Disbursements/DisbursementsServiceTestcs.cs

M       igc/BNYM.IGC.Tests/Services/Transactions/TransactionsServiceTest.cs

M       igc/BNYM.IGC.Tests/Services/UserProfile/UserProfileTest.cs

M       igc/BNYM.IGC/Services/Disbursements/DisbursementsService.cs

M       igc/BNYM.IGC/Web.config

M       igc/BNYM.IGC/app.setting

Your branch is up-to-date with 'origin/master'.

xeccgj5@V372AMS111321 MINGW64 /c/app/v1/tiqigc.api (master)

$ git branch

  OMXTBN-413-IGC-AddressBookSummaryLoadIssueUnderArchival

  deleteme

\* master

  v1

   Use git status to compare local directory with staging directory

$ git status

On branch v1

Your branch is up-to-date with 'origin/v1'.

Changes not staged for commit:

  (use "git add <file>..." to update what will be committed)

  (use "git checkout -- <file>..." to discard changes in working directory)

        modified:   igc/BNYM.IGC.Tests/Services/Disbursements/DisbursementsServiceTestcs.cs

        modified:   igc/BNYM.IGC.Tests/Services/Transactions/TransactionsServiceTest.cs

        modified:   igc/BNYM.IGC.Tests/Services/UserProfile/UserProfileTest.cs

        modified:   igc/BNYM.IGC/Services/Disbursements/DisbursementsService.cs

        modified:   igc/BNYM.IGC/Web.config

        modified:   igc/BNYM.IGC/app.setting

Untracked files:

  (use "git add <file>..." to include in what will be committed)

        igc/BNYM.IGC/Web.config---3-29-18

        igc/BNYM.IGC/app.setting---3-29-18

no changes added to commit (use "git add" and/or "git commit -a")

   Use git checkout -- . to replace all files in local directory with the version from repository

Note: if we have new files added to local directory, they will not get impacted

xeccgj5@V372AMS111321 MINGW64 /c/app/v1/tiqigc.api (v1)

$ git status

On branch v1

Your branch is up-to-date with 'origin/v1'.

Untracked files:

  (use "git add <file>..." to include in what will be committed)

        igc/BNYM.IGC/Web.config---3-29-18

        igc/BNYM.IGC/app.setting---3-29-18

nothing added to commit but untracked files present (use "git add" to track)

   Use git clean -f –d to remove all new files and directories from local repository

xeccgj5@V372AMS111321 MINGW64 /c/app/v1/tiqigc.api (v1)

$ git clean -f -d

Removing TestResults/

Removing igc/BNYM.IGC.Tests/Service References/

Removing igc/BNYM.IGC/Views/BaseApi/

Removing igc/BNYM.IGC/Web.config---3-29-18

Removing igc/BNYM.IGC/app.setting---3-29-18

Removing igc/IgcFramework3/Web/

xeccgj5@V372AMS111321 MINGW64 /c/app/v1/tiqigc.api (v1)

$ git status

On branch v1

Your branch is up-to-date with 'origin/v1'.

nothing to commit, working tree clean

   Use git pull origin v1 to get code from repository

Note: Without executing git checkout and git clean prior, any changes applied locally which don’t conflict with what’s in repository will remain intact

$ git pull origin v1

git: 'credential-store ' is not a git command. See 'git --help'.

Username for 'https://git.bnymellon.net': xeccgj5

git: 'credential-store ' is not a git command. See 'git --help'.

warning: redirecting to https://git.bnymellon.net/omx-99/tiqigc.api.git/

remote: Counting objects: 205, done.

remote: Compressing objects: 100% (150/150), done.

Receiremote: Total 205 (delta 125), reused 84 (delta 55)

Receiving objects: 100% (205/205), 179.68 KiB | 0 bytes/s, done.

Resolving deltas: 100% (125/125), done.

From https://git.bnymellon.net/omx-99/tiqigc.api

\* branch            v1         -> FETCH\_HEAD

   ba6199d..c5d597b  v1         -> origin/v1

Updating ba6199d..c5d597b

Fast-forward

BNYM.IGC.WebApi.v12.suo                            | Bin 0 -> 3584 bytes

.../Transactions/TransactionsSummaryInfoData.cs    |   7 +

igc/BNYM.IGC/Services/DataAccess/DAOBase.cs        |   3 +-

.../Services/Disbursements/DisbursementsService.cs |   2 +

igc/BNYM.IGC/Services/Parties/PartiesDAO.cs        |  54 +++-

igc/BNYM.IGC/Services/Parties/PartiesService.cs    |  84 ++++++

.../Services/Transactions/TransactionsDataDTO.cs   |   2 +-

.../Services/Transactions/TransactionsService.cs   |  36 ++-

.../Transactions/TransactionsSummaryDataDTO.cs     |   8 +-

igc/BNYM.IGC/Services/Utility/IGCConstants.cs      |  19 +-

.../Controllers/LcDrillDownController.cs           |   3 +-

.../Models/DrillDown/lcSummariesData.cs            |   5 +

tiq/tss.tiq.api/Models/UserProfileData.cs          |   5 +

.../Services/DrillDown/AmendmentSummaryService.cs  |   6 +-

.../Services/DrillDown/LCSummariesService.cs       |  24 +-

.../DrillDown/LCSummary/LetterofCreditBase.cs      |  54 ++--

.../DrillDown/PaymentSummary/PresentationReport.cs | 283 ++++++++-------------

.../Services/DrillDown/TRNSummaryService.cs        |  84 +-----

18 files changed, 379 insertions(+), 300 deletions(-)

create mode 100644 BNYM.IGC.WebApi.v12.suo

   Use git checkout –b <branch name> to create new branch & load the code from repository you are currently in (identified by \*)

xeccgj5@V372AMS111321 MINGW64 /c/app/v1/tiqigc.api (v1)

$ git checkout -b deleteme

Switched to a new branch 'deleteme'

   Use git add . to apply all local changes to staging

xeccgj5@V372AMS111321 MINGW64 /c/app/v1/tiqigc.api (deleteme)

$ git add .

   Use git commit –m “JIRA #: comment” to commit added changes to staging

xeccgj5@V372AMS111321 MINGW64 /c/app/v1/tiqigc.api (deleteme)

$ giGIT STA

[deleteme 1a206d3] OMXTBN-429: TEST

Committer: Syrkin <XECCGJ5@ams.bnymellon.net>

Your name and email address were configured automaticallyhgit commit –m “ based

on your username and hostname. Please check that they are accurate.

You can suppress this message by setting them explicitly. Run the

following command and follow the instructions in your editor to edit

your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

2 files changed, 7 insertions(+), 2 deletions(-)

* Use git commit --amend -m “JIRA #: comment” to fix prior bad commit

[TSSTNXNMIG-2566-Veracode-ID-437-404-ImproperResourceShutdown a7e8feb] TSSTNXNMIG-2566: Veracode-ID-437-404-ImproperResourceShutdown-AddedFinallyWrapperForAfterLog

Date: Tue Oct 2 17:11:52 2018 -0400

1 file changed, 25 insertions(+), 16 deletions(-)

xeccgj5@V372AMS111321 MINGW64 /c/app/v1/tiqigc.api (TSSTNXNMIG-2566-Veracode-ID-437-404-ImproperResourceShutdown)

   Use git push origin <branch name> to check-in changes to repository

xeccgj5@V372AMS111321 MINGW64 /c/app/v1/tiqigc.api (deleteme)

$ git push origin deleteme

Username for 'https://git.bnymellon.net': xeccgj5

warning: redirecting to https://git.bnymellon.net/omx-99/tiqigc.api.git/

Counting objects: 6, done.

Delta compression using up to 4 threads.

Compressing objects: 100% (6/6), done.

Writing objects: 100% (6/6), 662 bytes | 0 bytes/s, done.

Total 6 (delta 5), reused 0 (delta 0)

remote:

remote: To create a merge request for deleteme, visit:

remote:   https://git.bnymellon.net/omx-99/tiqigc.api/merge\_requests/new?merge\_request%5Bsource\_branch%5D=deleteme

remote:

To https://git.bnymellon.net/omx-99/tiqigc.api

\* [new branch]      deleteme -> deleteme

   Use git gui to see differences using UI tool

Red with minus in front – original

Green with plus in front – updated

Example:

   Use git config --unset --system configuration.helper to clear out GIT’s reference to the old LDAP password after password is changed

Git

   **TROUBLESHOOTING GIT issues**

Error:

remote: HTTP Basic: Access denied

fatal: Authentication failed for 'https://git.bnymellon.net/omx-99/tiqigc.api.git/'

Solution:

git config credential.helper store

       This command will prompt to enter user ID & new password. After this, git commands will be executing successfully.

Last option:

Locate .git-credentials and change password manually.

Svetlana has this file on m: drive & c: