

How to SourceTree

Terminology

Staged item – All staged items will be sent to git repo after commit and push.

Commit – send all staged item to the local repo.

Push – sends all commits to a remote repo.

Fetch – gets the branch's head ref from a remote repository, to find out which objects are missing from the local object database, and to get them, too.

Merge - brings the contents of another branch into the current branch.

Pull – fetches and merge branch.

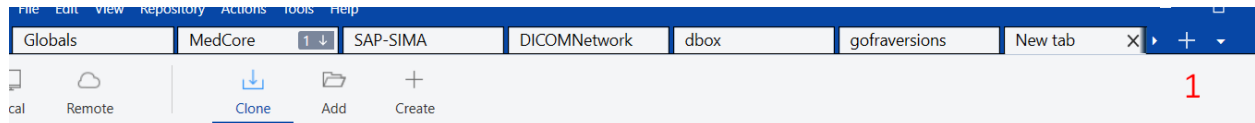
Branch - is simply a lightweight movable pointer to one of these commits. The default branch name in Git is master.

Contents

Terminology	1
How to clone a repo.....	3
How to create a branch.	4
How to Pull.....	5
How to stage, commit and push changes.	6
How to commit.	7
How to Push.	8
How to merge.	9
How to rollback changes.....	10

How to clone a repo.

- 1) Click +
- 2) Choose clone on nav bar
- 3) Paste repo link
- 4) Click Clone button



Clone

Cloning is even easier if you set up a [remote account](#)

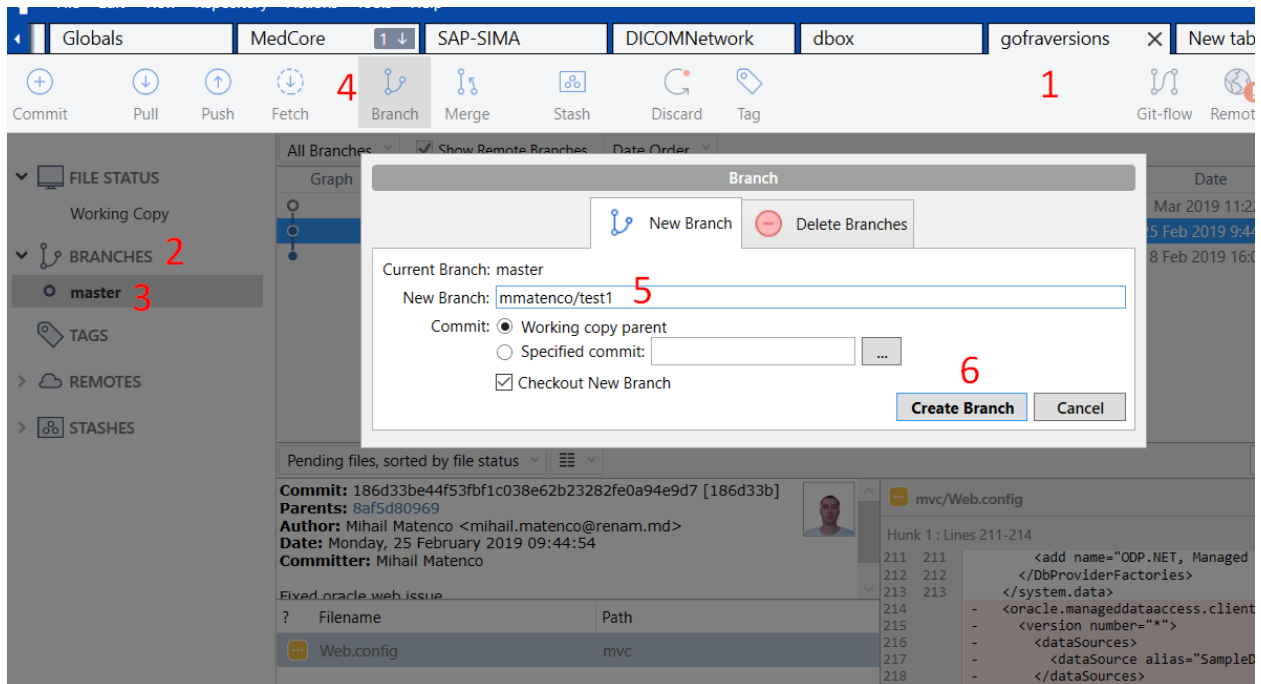
Repository Type: No path / URL supplied

Local Folder:

☒ Advanced Options

How to create a branch.

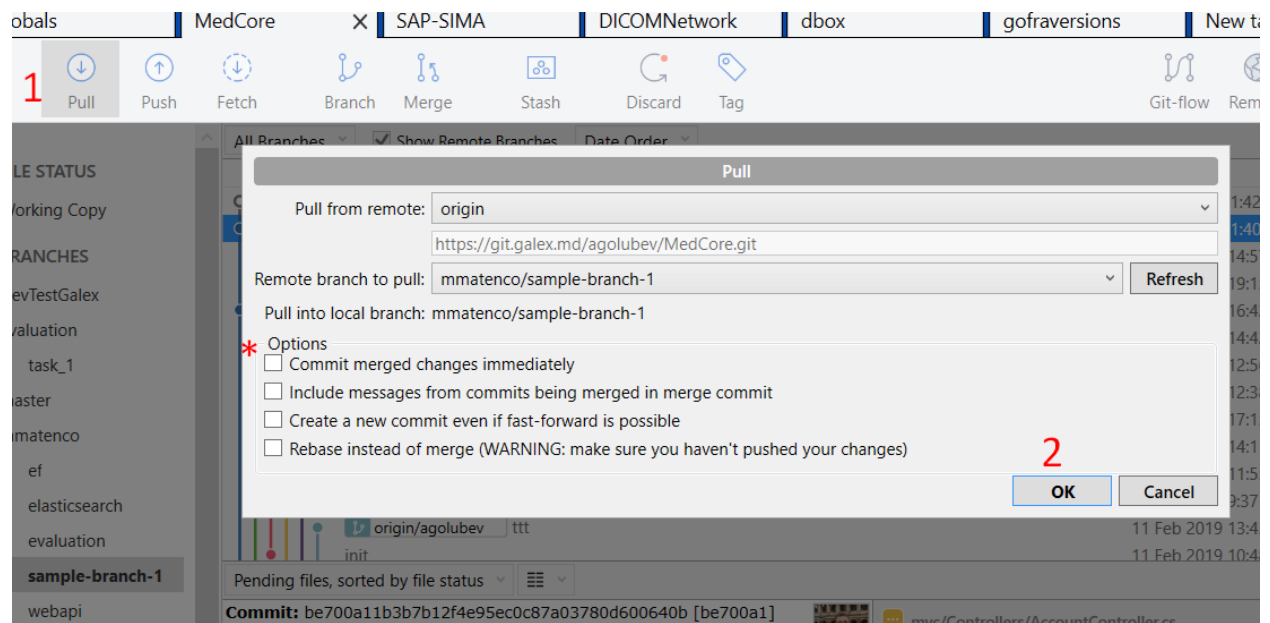
- 1) Choose to your repo on tab bar.
- 2) Expand branches.
- 3) Choose a branch e.g. master
- 4) Click Branch button
- 5) Enter your branch name
- 6) Click Create Branch



How to Pull.

- 1) Click Pull button.
- 2) Click OK.

*) You can uncheck “Commit merge changes immediately” when you don’t want SourceTree to merge changes automatically.



How to stage, commit and push changes.

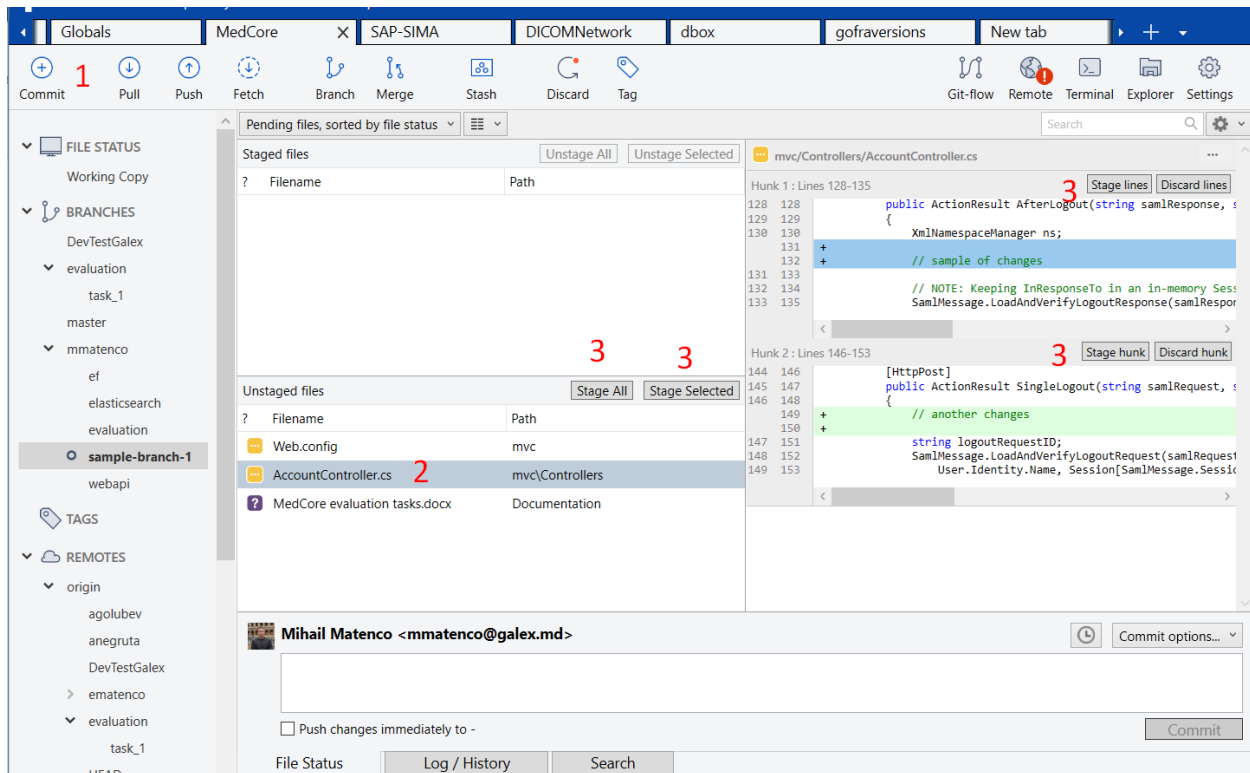
All your changes will be shown in SourceTree.

A. How to stage items

We can stage a whole file or lines from file.

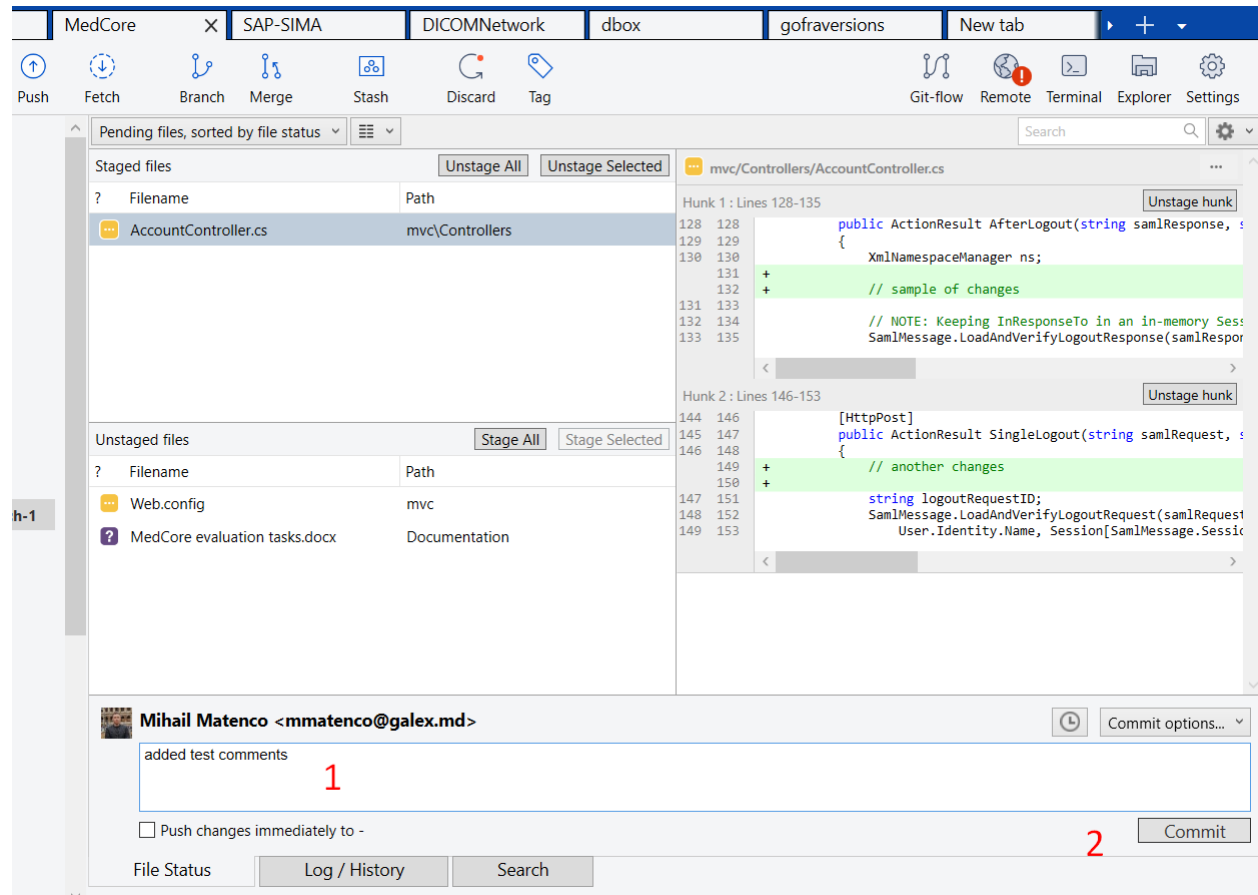
- 1) Click Commit.
- 2) Pick a new or edited file.
- 3) We have four options to stage changes: stage selected lines, stage a chunk of code, stage a selected file or change all changes.

Note: please use the button “Stage All” in moments when you 100% sure that all change should go to a repo.



How to commit.

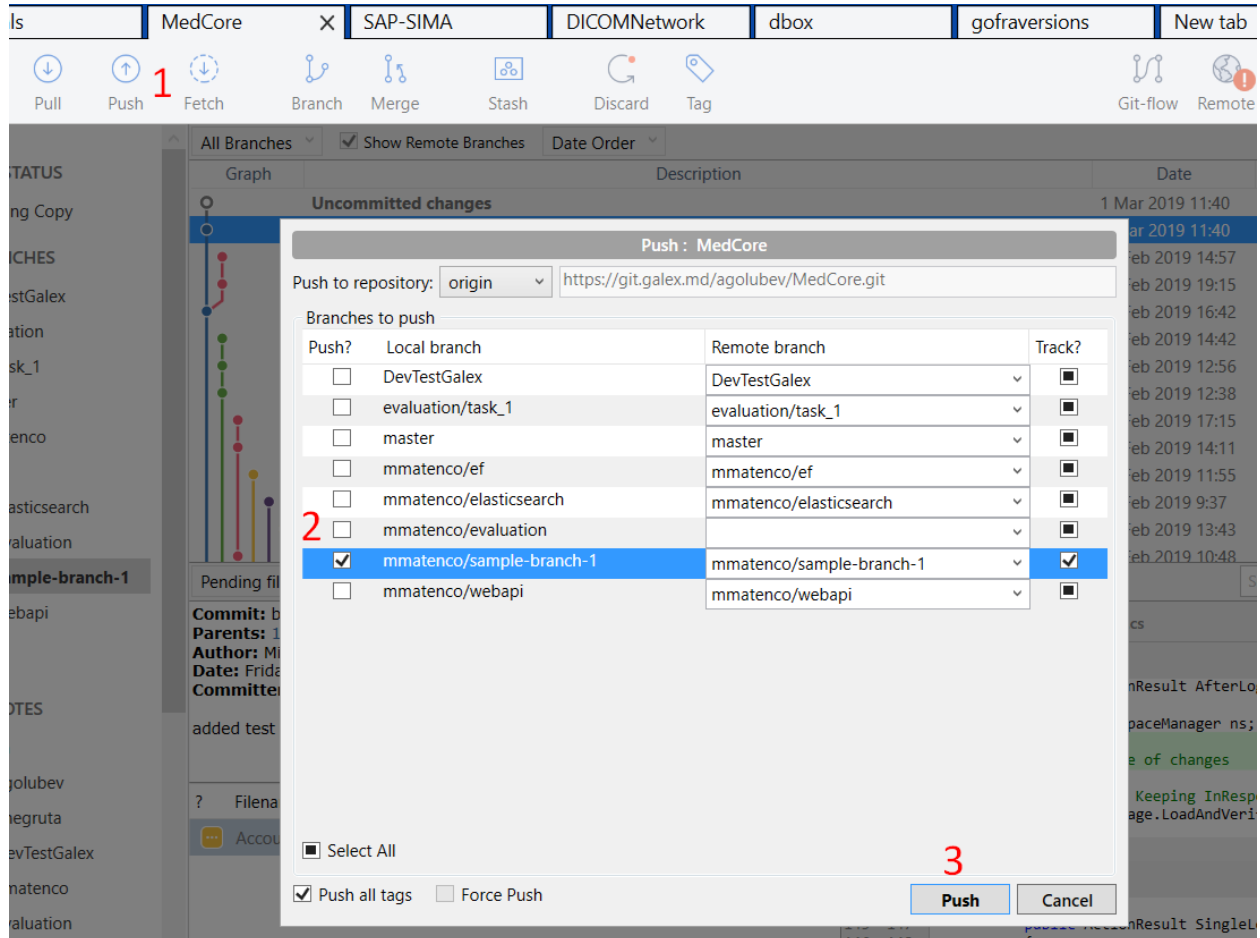
- 1) Add a comment.
- 2) Click Commit.



Note: before committing please make sure that all changes have been pulled into your local repo.

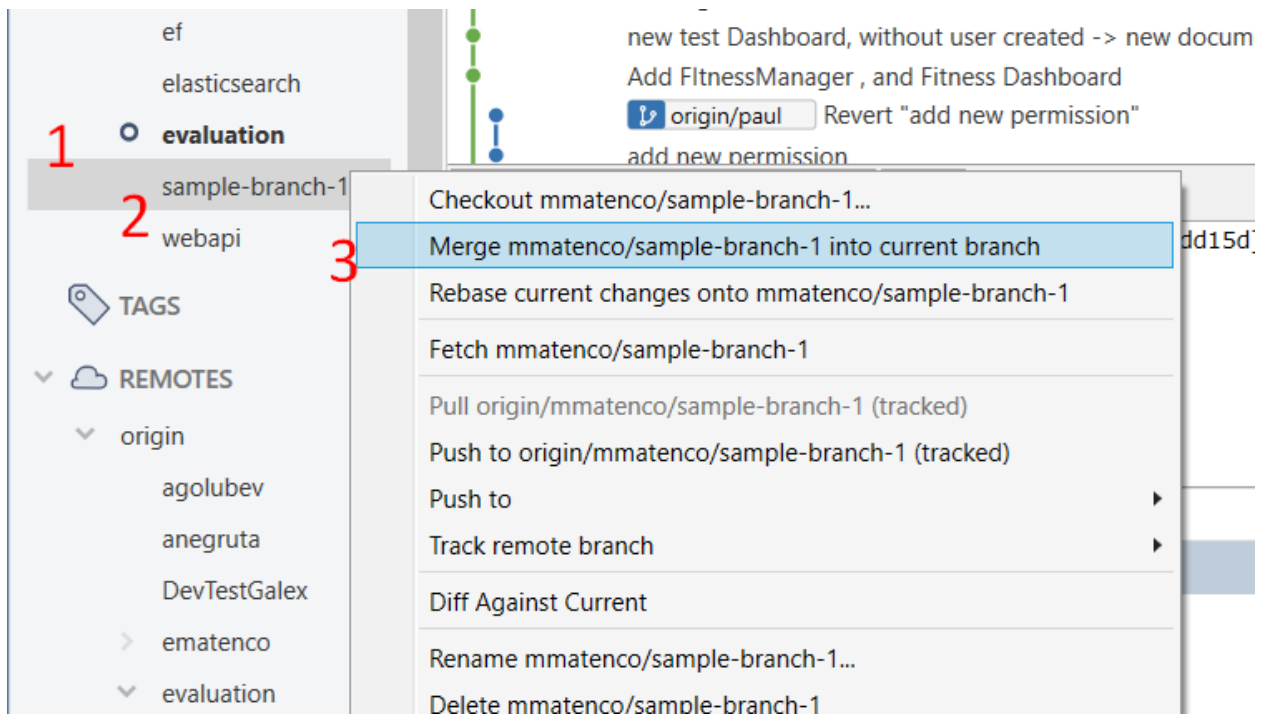
How to Push.

- 1) Click Push button.
- 2) Choose a branch that you want to push.
- 3) Click Push.



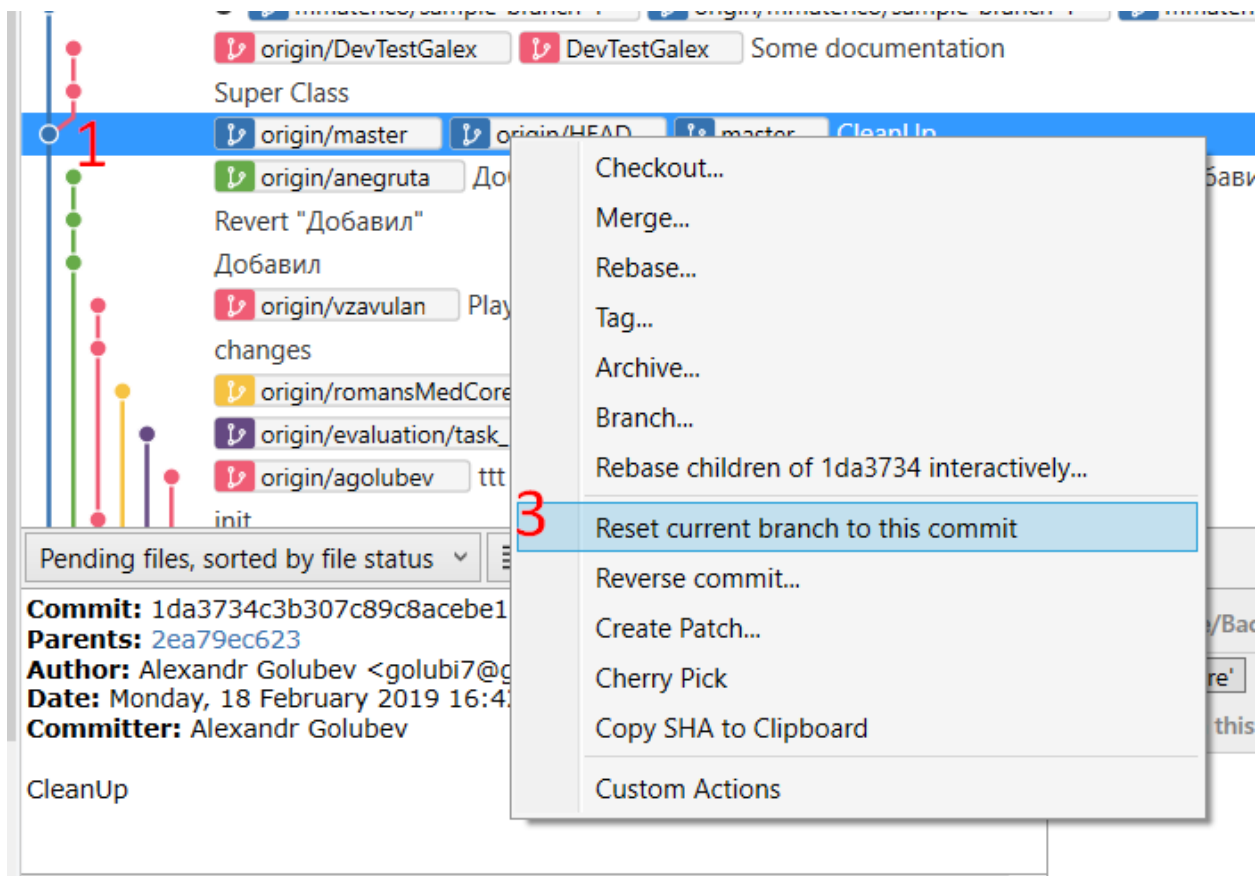
How to merge.

- 1) Go to the branch where you want the changes to be merged. (Double click on a branch name)
- 2) Right click on branch which you want to merge.
- 3) Choose the second option.
- 4) Click OK.
- 5) After merge Click Push button.



How to rollback changes.

- 1) Find the commit to which you want to roll back the branch.
- 2) Right click on it.
- 3) Click "Reset current branch to this commit"
- 4) Choose mixed.
- 5) Click OK.



Useful links.

- 1) Git documentation - <https://git-scm.com/docs/>
- 2) ProGit Book - <https://git-scm.com/book/en/v2>