<https://www.codeproject.com/Articles/838097/CRUD-Operations-Using-the-Generic-Repository-Pat>

Ref: <http://tfs2017.hosts.application.enet:8080/tfs/Edu_Collection/ITSP/_git/dev-training?_a=preview&path=%2Fdocs%2Fbranching-strategy%2Fteam-branching-strategy.md&version=GBmaster>

**New Local Branch**:

**Team Explorer** => Branches => **Right-click** the parent branch (usually **master**) to base your changes => choose New Local Branch From => Type user Name (**NK2774)/branch name** (feature or a bug fix name) => **Checkout branch ticked** => click **Create Branch**

Commit (commit change is for local check in)

Visual Studio automatically performs a checkout to the newly created branch.

Naming conventions to be used:

•users/username/description

•users/username/workitem

•fixes/workitem

•releases/version

**Push** (changes go to the server/publish)

Sync => Fetch (get changes from server/remote branch)

**remote branch**: The remote branch is automatically created when you push it to the remote server. So when you feel ready for it, you can just do:

git push <remote-name> <branch-name>

Pull is (fetch/get latest & merger to the local) : > git pull origin master

**Pull = Fetch + Merge**

If there is code conflict than pull fails and we need to **Fetch first and before merge compare**

After Fetch (for merging) go to Branches => merge => origin/master (from dropdown) => into current branch => Merge

**Pull Request**: Merging from a branch to the master is called Pull request (actually pushing to the master).

VS -> Team Explorer -> **Branches** -> double click master branch -> Merge -> select your BranchName from Branch menu => Merge

To Delete:

Team Explorer -> **Branches** -> select development Branch -> right click -> Delete -> select development\_ Branch under remotes/origin -> Delete Branch From Remote.

Click home => Pull request => Create New => master < branch1 => comments => Create pull request

Confirm the request: go to browser => Pull request tab => select the pull request => ask for review => confirm the request

For local master: In VS Team Explorer => Branches => master => Sync => Pull

**Cherry Pick:** the release pull request commit to merge with master via a user branch

In case of conflicts

Got path till directory

* Open .git
* Git branch –h
* Git status
* Git branch –m users/Naveed/NewBranch1

Git Ignore file is a list of files like bin, debug folder, result of builds, or nugget packages etc. which we don’t want to commit.

Get latest: Pull = Fetch + Merge. In case conflict fetch and then merge from origin master to the local branch.

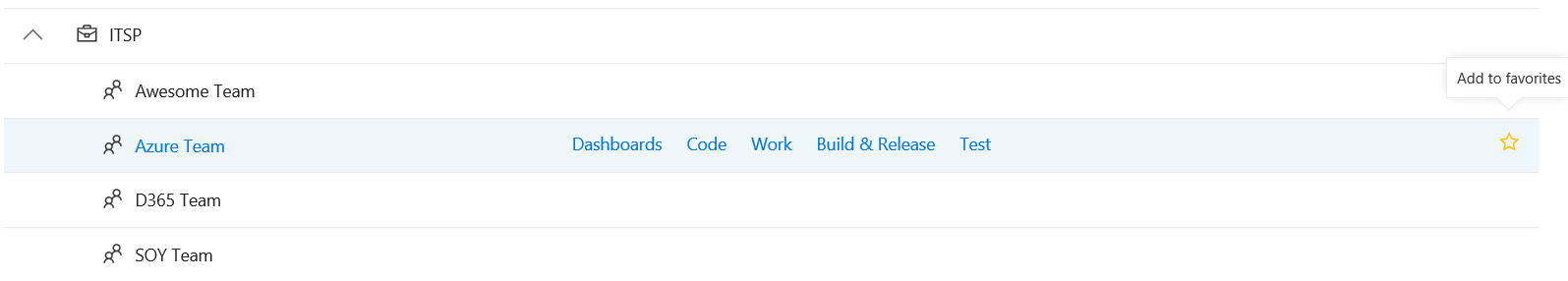
Git is a distributed version control system because every user has a local copy of the code along with history/commits (local full working copy).

**Pull request**:

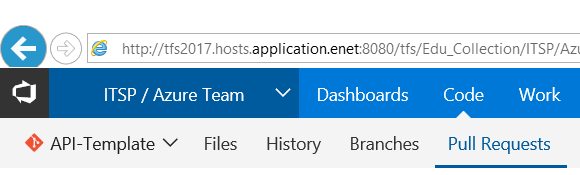
When you create a pull request the team that is the current context is added as a reviewer.  You can see the current team context in the top left corner of the web page.  If your context is ITSP, use the drop down to select **ITSP/Azure Team** or browse.

cid:image002.png@01D42329.D849BF10

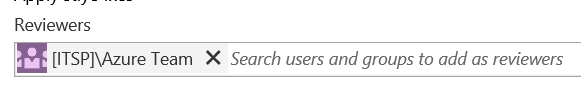
From the browse screen select the expand icon to the left of the project name and choose the Azure Team, you can also add it to your favourites so it appears on your TFS Collection home page.



Now when creating a pull request the reviewer added is [ITSP]\Azure Team.  We have a reviewer set using the branch policy, so you can delete the default reviewer and let the branch policy manage it.



Default reviewer based on the current context



The team context is also used when looking at the backlogs (Work).