

Git Commands

These are my personal notes on GIT.

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Basic Commands

Command	Description
git clone <repository_url>	Clone a repository
git status	Display the status of your current branch.
git add <file>	Add a file to the change list.
git diff <file>	See changes to a file
git commit -m "message"	Commit files in your change list.
git push	Push your commit to the server (origin)
git push -u origin <BRANCH>	Push local branch to server
git pull --rebase	Pull changes from the server and move your changes on top. It is a good practice to rebase your changes so as to minimize merges.
git checkout <branch>	Switch to a branch
git log	Show history of current branch
git log -2	Show history (limited to the last 2 entries)
git log --pretty=oneline	Show history (One entry per line)
git log --pretty=format:"%h %<(20)%an %s"	Column formatted output
git remote -v show	Get git URL from source folder.

Branching Commands

Command	Description
git checkout -b <branch name>	Create a branch from your local
git push origin <branch_name>	Push branch to server (origin)
git branch	List local branches
git branch -r	List remote branches
git branch -d <local branch>	Delete a branch and push to server(origin).
git push origin :<local branch>	

git fetch origin	Merge develop into current branch
git pull origin develop	
git checkout <other_branch>	Merge another branch into yours
git pull	
git checkout <your branch>	
git merge <other_branch>	
git commit	
git push	
git checkout <branch_to_rename>	Rename a branch
git checkout -b <new_branch_name>	This command will create a new branch from your current branch.
git add -i	Add files to git interactively

Advance Commands

Command	Description
git reset <file>	Un-stage a file Remove a file from add list
git checkout <file>	Revert changes to a file
git reset --hard	Reset all of your changes to your local branch.
git reset HEAD~1	Revert the commit.
git clean -f	Remove files not under version control.
git checkout HEAD <file>	Replace file from HEAD. Use to undelete and reset a deleted file.
git config --get remote.origin.url	Get URL of current Git repository.
git remote show origin	Show Git repository information
git reset --hard <GITREF> git push -f	Revert the current branch to the specified gitref. (Rewinding). The push forced may be required to push this to origin. DO NOT DO THIS!
git fetch origin git rebase -i origin/develop > delete commits that are not yours write and exit	Fixup branch

Stash Commands

Command	Description
git stash git stash save <stash_name>	Stash your changes for later
git stash pop [DON'T USE, USE APPLY]	Apply your stashed changes and remove from stash.
git stash list	List all stashes

git stash apply <stash>	Apply specific stashed changes to your local.
git stash branch <branch name>	Create a branch from the stash

Tagging

Command	Description
git tag <tag>	Create tag ex: git tag v0.2.0
git push origin --tags	Push tag to origin

Git Documentation

See [Git Reference](#) for more info.