List of GIT Commands

Glossary of commonly used git commands

Git is a popular open-source version control software, to manage

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changes to source code and text files. It has been widely adopted
in the open source community and many from small startups to
large enterprises use Git as their source control framework of choice
git config -
               Set your user name and email in the main configuration file
   git config --global user.name="your name"
   git config --global user.email="your email"
                                                               Create an alias for a git command
   git config ——global alias.[alias-name] 'command'
git init - Initialize a local git repository
   git init
git clone - Creates a local copy of a remote repository
   git clone ssh://git@github.com/[username]/[repository-name].git
git status - Check status
   git status
git add - Adds all the files or a single file to the staging area
   git add.
                        git add [file-name.txt]
git commit - Commit changes
   git commit -m"[commit message]"
   git add. && commit —m"[commit message]"
                                                         Add & commit on one cmd
git ammend - Change most recent git commit message or file without the message
   git commit ——amend —m"an updated commit message"
   git commit ——amend ——no—edit
                                                - Change the last commit without a new
                                                  commit message
git log - Shows the commit history with commit id, message, and the branches
    git log ——oneline
                              git log ——oneline ——all
    git log —oneline —all —decorate
git branch - List branches (the asterisk denotes the current branch)
   git branch
                  - List local branches
   git branch -a
                      - List all branches (local and remote)
   git branch [branch name]
                                    - Create a new branch
   git branch -d [branch name]
                                      - Delete a branch
   git push origin ——delete [branch name]
                                                    - Delete a remote branch
   git checkout -b [branch name]
                                         - Create a new branch and switch to it
   git checkout -b [branch name] origin/[branch name]
                                                                 Clone a remote branch
                                                                   and switch to it
   git checkout [branch name]
                                      - Switch to a branch
   git checkout -
                        - Switch to the branch last checked out
   git checkout -
                     -[file-name.txt]
                                         - Discard changes to a file
git stash - Save the change on temporary location
   git stash
                  - Stash changes in a dirty working directory
   git stash clear
                        - Remove all stashed entries
   git stash list
                         List all stashes
   git stash apply
                        - Apply the most recent stash
   git stash apply stash@{n}
                                        git stash apply n
                                                              - Apply a specific stash
   git stash show -p | git apply -R
                                            Unapply applied stash
git push - Push changes to a remote repository
   git push origin [branch name]
                                         - Push a branch to your remote repo
   git push -u origin [branch name]
                                          - Push changes to remote & remembers the branch
   git push
                 - Push changes to remote repository (remembered branch)
   git push origin ——delete [branch name]
                                                       Delete a remote branch
   git pull
                 - Update local repository to the newest commit
   git pull origin [branch name]
                                         Pull changes from remote repository
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Add a remote repository

Change the remote url with a new one

Remove the remote repository in this case origin

git remote add origin [remote-repo-url]

git remote set-url origin [new-remote-url]

git remote rm origin