

Configuration:

// user name

git config --global user.name "username"

//change name

git config --global -- replace-all "user.name "username"

// user email

git config --global user.email "useremail"

// transfer to the folder

cd /folderaddress (without space in name folder)

// set folder as repository

git init

//connect local repository with remote by link. URL from github

git remote add origin {URL}

//shows the remote repository address

git remote -v

//config list with all data

git config --list

Work with user`s repository:

//shows the status of all unsaved (uncommitted) changes to repository files

git status

//shows all commits

git log

//saving state, version

///for all files

git add .

///for specific files

git add "/folder_address"

//Commit - remember the version and create a new unique code (hash)

git commit -m "description or comment"

//upload local repository data to the remote repository, where (origin=remote repository url), (master=branch)

git push origin master

//Changing the state or version of data, where "hash" its a unique code

git checkout hash

Branches

//the list of created branches

git branch

//create branch, where newbranchname=it`s new branch name

git branch newbranchname

//branch switching

git checkout branchname

//Merge (слияние одной ветки с другой - выбираем главную master и в строке указываем из какой ветки соединить данные в главную) (merging one branch with another - select the main master and indicate in the line from which branch to transfer the data to the main one)

git merge nameofbranch

//перемещает коммиты из данной ветки в ту на которой сейчас находится пользователь, moves commits from a given branch to the one the user is currently on

git rebase branchname

//Delete branch

git push -d origin nameofbranch

Work with another remote repository:

//create new local folder for connect and copy data from remote repository

cd /folderaddress

git clone {URL}

//download all commits which don't exist yet (last version and all history), where (origin=remote repository url), (master=branch)

git pull origin master