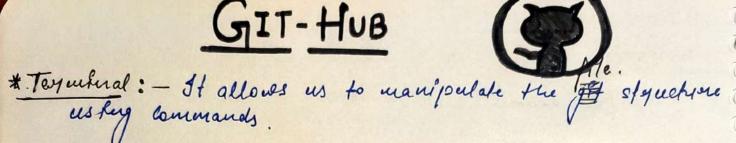
GIT-HUB



* 18: Command that Itsts all the fixes of yours current folders.

Q. How to make take the lifstony of the project.? and where is this entire history being stored? like, execute, make changes, oy delete dry file.

All of these wistory are stored for store for another folder that git provides us.

This is known as git repository and named as [-git.]

These files are wilden, so, how do see get this folder. where all the history is saved.

Just Command -

: git fuit, and: ls -a

Mere a: means show me all the Widden files. Any file that that starts with '-' is lidden for

New, Any change you made for tols get repestlong, git vill take the preture of it.

· touch names. +x+. To Cycate a New file. : git status." This is a command, that tell: that whether the the Changes you done here is in the this tony of not. So, enougently the changes are not saved here
for the history, because they are untracked
or not on the stage. Que Men to stage the names tat file? Maye is another command: -[git add.]) ! Here : years every turing in the current project dir. that is dutracted there his form net saved, put all the files he the staging ayear so, that puots of them can be taken (git add names tat.) esthery you can pouse this command to stage the New Command (git status) agaker, and you can see that, file names that is one the stage. and ready to take the pteture Jake 13 - March 1 March

So, We Command photographer, Hey! photographer please take thely preture, so, that they are permanent sawed for the poto album or get like formy So, Commad for that (git Commit -m "names. tet file added") Mere -u : (message) provide à message. Now, there is no other person whose photos needs to be alteted * New, let's add something in names. Fat. file: -So, Command for that Mow, Typen by using I"
and make changes for text file
and saxe and exst,
by Clast C and (: 9), Enter, (vi names tet) I Men to open the edited file - ? Command for that (Cat names.txt.) Que Moro do se know trat & modified names, fat. Meye you will see :
[madified: names. tat]

New (git add:) - ag alu and again gif status and you will see that (names, tot) s (agalu staged). If you want to unstage any files book, their pretune is already taken or save for the his pany then, command for that -(git yestone -- staged names, txt.) New year can alke the proto of the modified file.

sames. tot og save futs the wistony.

So Command So, Command-git Commit -un "names tet fite medified" Que What if you want to delete the file names. Fort Command:

8m - rf names. txt. Now: add the file agala by Compan Command git commit - m "names. tot tile del étéd!

you can see the History of all the activities by (3)
Commands

git log Que What if you commit someting by Mistake, how to delete that commit? first of all, we cannot openove for that commit while is for the middle, becoze as you can see that each commit has a hash ID so, each commit is built on top of each of other, so, if you want to delete multiple commit of the top one commit, just copy the Hash ID of Just next commet and (git neset < Mash TD). All the above commits of that Hash ID to New, you origent be like, what cappens to all the files that were medified og changed the previous commits ? They are in une laged area This is little people whose photograph was taken has be deleted, and they are again for the Seephen of people whose proofes has not been taken

Here, we see that name tot deleted, Now, we want to store this file Ruto Isfash arreal. Stash agea. means)

I den't want to delete the changes for name tot,
but also i want them to go back stage,
I will call these files whenevery of I need them Stash agea means) Ig: - you want like, I wish there was a way shere I could just put all my work somewhere lesse the peroject, land commit og wistory for whenevery I want that thing back I can get that whenevery I want. Command for that is called git stash. Floit: - Get the people you want and stage them first 80, (git add : og git add names.fat) Seeand: - send them to Back stage y- Make another change-(fouch sury names . fat) git add sugnames tat

(gft status) Meye, the file names tot has been evenamed renamed: names. tat -> sygnames. tat -> see like that lite- (vi sugnames, tat touch houses. tet.

git add houses. tab Mes (git status) names. tet -> houses. tet -> see like that New, you want them all to the backstage (git stash) New, you sant to call all the people of files who serve backstaged on the stage. Command: - (jit stash pop)

New, you want to send them back again -80, get add. The state of the s Nos, those people sous age Back staged, you want them to go aways you sou't take their preture Command:

git stash aleay Mary the standard and the standard with (selected the street beauty bet.) Carrier to the form of the first of the

Noo, go to Githus; * and make a new stepesitory and copy the URL of that stepesitory = Command 7 (git semote add oolghe < UKL) orde: We are working with URL.
add: Adding new URL.
Origin: Name of URL that you are going to add. ⇒ (git nemote -v) = This will show all the URLs that are attached with the present folder. Now referesh the page of URL that you have capied there is no different, no any file named names tape added but Community class room repository. so, If we want to add this names. For file buto (git push outgte master) Dulghe: To which URL you want to push Branch! & selfen Bejanch yen sant to push

touch hotel, tat. 1 git add. & git commit - m " hotel . tet added" & fouch rolling, tat. \$ git add. git Commit -m "sollno tot added" Il add some soll nois. I changes made. Vi solluo, tat. git status * Heye you will see. Modified: Vollno. tot & git add. git commit -m "xoll no modified". \$ git lag * Mere you will the 4- Commits. # In which you can see that there is only one So the only thing of pushed Nou, se sant to push these new commits. (git push ovelgter master). New all the files are added to you repository.

How to Confeibute to Open source
On Git-Hub?? Alhat we need to do, to make some changes to any speps of context sufe to any project ?

Aus- So, if we are able to louter bute or make changes to any project diesectly, so Men dangerous it would be? So, we don't have access to change it dispectly Her to reselve ? -> you expeale the copy of that project he your own account so, fork that account, and the project will be copied to your over account. se, now you can do unaferer you want, 76 Now, that phoject which is he your account (added)

Copy its clone and remember any folder that starts

with your own account the Have of that he Se, Command:

(git close < close URL) Mote: - Frem where you have forked the project to known as upstream URL by concention So, Command + (git nemete add upsteream < URL of make proper

(12) (git remote -v) Meye, now you can see, upstoream and ourgen URLS.
where, sorighn is your personal and Upstoream is from
where you've forked it. More make some changes hu the peroject. and modify. * And before Committing ? make snote that yes, then,

byanch, if yes, then,

make another byanch + Command - git byanch (name) Now switch to that branch -(git cheekout «nouve) | switched to beganch (news | (seems the tubs) * Now add the medified files - and Commit here -> (git Commit - m " Shahma added a manage". Now, if you want to make change these changes what you have done have huto make peroject of huto upsteream beganch, you have to flest send a pull oregness

So, fierst push there changes buto which you have forked (Git push oorligher < Byanek name) Meye > Byanek name: - Bejaneh which spen have Cojeafed and switched to -Note: - for every new feature, bug or anything you're 76 working on create à view pull request, and 16 Las algerdy a pull request associated with it . it will not alleve you to add another pull signost all the Commits will be added to that pull request In skuple language -[I pull request means 1 branch] I befauch lan apen only one pull request,

If you want to exend different pull request,

for different features man you've wayking on he

the project which is also occomended for that E you want to open diff. pull ouguest and since one beganch can associated to one pull elequest, Se Hence, you'll be able to create diff. branches.

So, Any perticular new turng you're working on exerte a new byanch knyong leeal folder make a pull neg vest forem that. Yen can have 10, 20, or 100 branches whatever you like, make sure your work to dispuibated, so that It does not get mixed up. then to delete Commits: = first add some file fouch names. Fat

git add.

git commit en " names. Fat added"

git push oxygen shakure

byanch Now if you want to delete tuts commit-So, Copy the Hash To of County just below of 14 8., (git geset < Mesh Ts) Now, Names tet is emstaged, git stash New, file names tot s gone.

Afterpooyds, push ruls -(git pusa oxilgku Shahma -f) Because the ouldne spepository contains a committy
that my spepository does not and committs age
knowledgefunded so, we'll have to push this sisting (-f) Here to feten all me files to the make byanch. from shahmer or whatevery branch you've created? * First cheekent to make byanch git cheekoert mailer # Then fetch all - git fetch -- all -- prieme. # Papere :- Deleted file. Now, we've fetched all the changes.

tile war en tot is for

Now Reset the make byanch of by orlythe to the git reset -- hard upstream/mash New my folder / fortk that I have on my local system the hader by anch of that is exactly same as the one that I have he upstyleam. Nos to make outline changes all of there-(git push ogigsen maker) # PICK & SQUASH # bellhat if you want to merge multiple commits into One Commit : there is a command: (git yebase -i < Mark To) - l'- means futurantive environment. Nos, all the commits above that Herh TD, we can plek and squash