Control system designed to hande everything from small to very large projects with speed and efficiency. - Go 17 is easy to learn

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- It outclasses so no tools like subsursion, a vs, perforce

with features like cheap local pranching, Convenient

staging areas, and multiple worksfows. GIT stands for Global Information Tracker get inst [repository name]

This Command is used to stort a new repository 2 get clone [orl]

This Command is used to obtain a repository from existing

Un! 3 gif add I file I

This Command adds a file to the staging area.

gif add *

This Command adds one or more to the staging area.

4 git Commit -m "[Type in the Commit message]"

This Command records or snapshots the file permanently
in the version history. This Command Commits any files you've added with the git add Commands and also Commits any files you've changed since then. git diff
git diff

This Command shows the file difference which are
not yet staged git push [variable name] master.

This Command sends the Committed changes of master branch to your remote repository git push [variable name] [branch]
This Command sends the branch Commits to your
remote repository Jil push - all [variable name]
This Command pushes all branches to your remote repositor, This Command deletes a branch on your remote repository

7 git pull This Command getichs and merges changes on the remote serves to your working directory. 8 git log.
This Command is used to list the version history for the Current branch gil rm [file]

This Command deletes the files from your working directory
and stages the deletion 10 gil status
gil status
This Command lists all the files that have to be committee The 3 states of git (workflow) are: i) Committed: It takes the file from the staging area and stores it to snapshots permanently.

in the gif.

ii) modified: It takes files from working hiertory in) staged: Adds mapshots to the staging area

The 3 main parts of get project I Git directory: It stores the object database where doning takes place in the repository to another remote Computer ii) working tree : Files are pulled out grown the Saturbuse and placed on the disk for modifications in) staying area: This acts as an index part that directs to go the rest Commit.

One often-overlooked feature of Bourne shell script
programming is that you can easily write functions for use
written your script. This is generally done in one of
Live ways: Durth a simple script is the function is simply
declared in the same file is if is called. Creating tenctions function name () {
list of Commands
} Pass parameters to a function
The garaneters can be depend represented by \$1, \$2

and so on.

example: echo "Hello \$1 \$2" Nested Functions
A function that call itself is called recursive function example: It! /bin /sh

number one () {

echo "This is 1' function"

number two

3 number two () & echo " This is 2nd function" rumber - One

Relieving values from Functions

It is used to just terminate the execution of function and not entire shell program.

Syntax

return cacle Relieving values from Functions Periodion are a way to group Command for later execution using a single name for the group when the name of a shell function is used as a simple Command name, the list of Commands associated with that function name is executed.