

Git

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1. Check version: `git --version`
2. Initialize a new empty local repository: `git init` :- a hidden folder will be created with name `".git"`
3. `git config --global user.name "My Name"`
4. `git config --email myEmail`
5. Make Directory: `mkdir dirName`
6. Change Directory: `cd dirName`
7. Path of Working Directory: `pwd`
8. List: `ls / dir`
9. Clear console: `clear`
10. Exit from bash terminal: `logout`
11. See all the files/directories (hidden included): `ls/dir -a`
12. See all the files/directories (hidden included) with details: `ls/dir -all`
13. To remove a directory and all its contents, including sub-directories and files (cmd command): `rm -r "directory name"`
14. Set default editor for git
15. Open the dot git folder: `start .git`
16. Just delete the `.git` directory to remove a folder or project as a git repository.
17. Powershell version: Run as administrator, type `$PSVersionTable` and hit enter.
18. Update git: `git update-git-for-windows`
19. Every git commit contains a distinct ID, Message, Date/Time, Author, Complete snapshot of project.
20. Linux/UNIX command to write something on a file: `echo message > fileNameWithExtension` . Ex: `echo Hello ; file.txt`
21. To see remote servers you have configured, you can run the "git remote" command. It lists the shortnames of each remote handle you've specified. If you've cloned your repository, you should at least see "origin" that is the default name Git gives to the server you cloned from. Can also use "-v" option to shows Related URLs that git has stored for the shortname.
22. "git remote -v" lists all the remotes.
23. Adding a remote: `git remote add <shortname> <url>`
24. **Have Bug**, After adding a remote to a repository, we can fetch by the shortname: `git fetch ;shortname;`
25. Inspecting a remote: If you want to see more information about a particular remote: `git remote show <remoteShortName>`
26. Rename remote: `git remote rename <oldShortName> <newShortName>`
27. Remove remote: `git remote rm <shortname>` or `git remote remove <shortname>`