Git
&
GitHub

Commands | Installation Link | Remote Repository
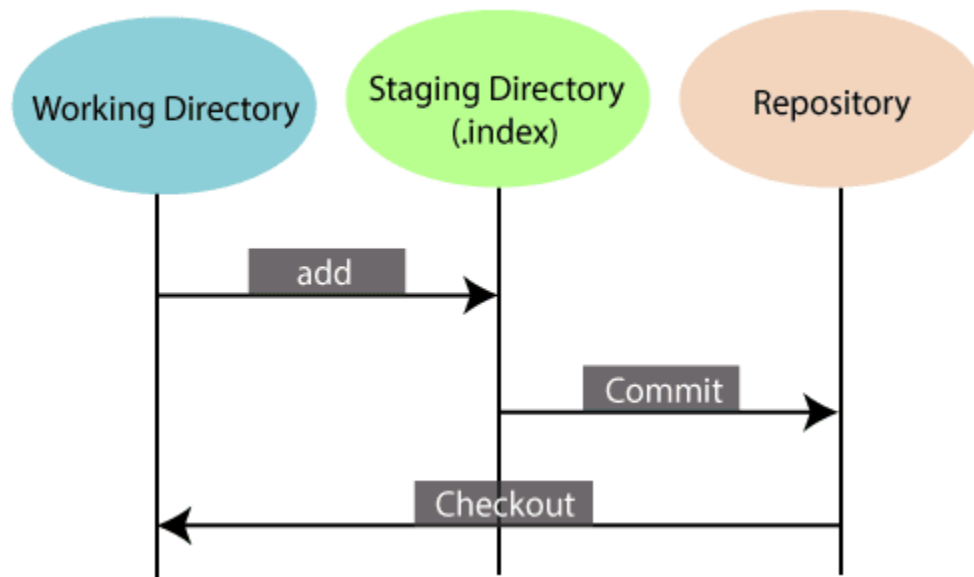
Live Website with GitHub Pages

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Contents of the Session

1. What is Git?

2. Where to install it?

3. How to configure your name and password?

4. How to initialize a working directory?

5. Commands for committing the code.

6. How to create a remote repository?

7. How to link the working directory and remote repository?

8. Live your personal website with GitHub Pages.

Git - Version Control System

- Version Control System
- Open-source
- https://git-scm.com/

Create a folder and add some files

Index.html
App.js

Initialize git
git init

Configure user
git config --global user.name 'Himanshu'
git config --global user.email 'himanshu@gmail.com'

Staging area
git add index.html

Check Status
git status

Remove from staging Area
git rm --cached index.html
git status

Add all files in staging area
git add .
git status

Perform some changes
git status
git add .
git status

Create a log.txt file
Create a .gitignore file

.gitignore
     -log.txt
     -/directory1

     git status
     git add .

GitHub - Code Hosting Service Provider

     git commit -m 'Initial Commit of project from himanshu'

     git remote

     git remote add origin
     https://github.com/hemansnation/<your repo name>.git

     git push -u origin master

Enter username and password

GitHub Pages

We are going to host a static personal website with GitHub Pages.

Create a repository name like this

    <username>.github.io

Clone the repository into your local machine or working directory

    git clone <url>

Paste all the personal website files and commit your code

    git add .
    git commit -m 'message'
    git push -u origin master

Your website will be live in 5 min here

    <username>.github.io

Connect with me on these platforms:

Twitter: https://twitter.com/hemansnation

LinkedIn: https://www.linkedin.com/in/hemansnation/

GitHub: https://github.com/hemansnation

Instagram: https://www.instagram.com/masterdexter.ai/

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