

Github basics and jupyter note book installation

sudo apt-get update --- error during installling git

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

touch hello.txt

user@user-IdeaPad-Slim-5-16IAH8:~/Desktop/Git Tutorial\$ ls
hello.txt

sudo apt-get update

sudo apt install git

git --version
git version 2.34.1

1. git init

2. git status

3. git add .

4. git status

5. git commit -m "first commit"

6. git config --global user.email "19ieag11@uohyd.ac.in"
user@user-IdeaPad-Slim-5-16IAH8:~/Desktop/Git Tutorial\$ git config --global user.name
"SURASUMA19"

7. git commit -m "first commit"

Jupyter Notebook installation in linux terminal

1. Update the Package List ----- `sudo apt update`

This command updates the package lists for the package manager apt. It ensures that we get the latest information about available packages and their dependencies.

2. Install Python3 and pip3 ----- `sudo apt install python3 python3-pip`

This installs Python 3 and pip (Python's package installer). python3 is the interpreter for Python 3, and pip3 is used to install Python packages.

3. Install Jupyter using pip ----- `pip3 install jupyter`

This installs the Jupyter metapackage, which includes the Jupyter Notebook, along with other necessary components.

4. Verify the Notebook Package Installation ----- `pip show notebook`

This command shows details about the installed notebook package, including its version, location, and dependencies. It confirms that the Jupyter Notebook has been installed correctly.

5. Locate the Jupyter Notebook Executable ----- `find ~/.local/bin -name "jupyter-notebook"`

This searches for the jupyter-notebook executable within the ~/.local/bin directory. It ensures that the executable is installed and identifies its location.

6. Edit the .bashrc File ----- `nano ~/.bashrc`

This opens the .bashrc file in the nano text editor. The .bashrc file is a shell script that runs whenever a new terminal session is started in interactive mode. It's used to configure the user's environment.

7. `export PATH="$HOME/.local/bin:$PATH"` add this path press Ctrl + X, then Y to confirm changes, and Enter to save.

7. `source ~/.bashrc`

8. `echo $PATH`

9. `jupyter-notebook` (open note book)