Panduan install Jupyterhub di ubuntu 24.04 LTS

Follow these steps to install Octave on Ubuntu using a Personal Package Archive (PPA).

1. (Optional) Step 1: Update Your System.   
   Before installing any new software, update your system to ensure you have the latest packages and security updates:

sudo apt update && sudo apt upgrade -y

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1. Step 2: **Create a new user (optional)**

Create a dedicated user for JupyterHub if you don’t want to run it as root:

Sudo adduser jupyterhub

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1. Step 3: Install dependencies

Install Python, Node.js, npm, and pip

sudo apt install -y python3 python3-pip python3-venv nodejs npm

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Ensure correct versions

node -v

npm -v

python3 --version

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1. Step 4: Create a virtual environment (recommended)

python3 -m venv jhubenv

source jhubenv/bin/activate

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1. Install JupyterHub and configurable-http-proxy

pip install wheel

pip install jupyterhub notebook

sudo npm install -g configurable-http-proxy

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1. Create a configuration file

This will create jupyterhub\_config.py.

jupyterhub --generate-config

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1. Run Jupyterhub

Start it on port 8000 (default):

jupyterhub

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1. Access it in your browser at: [**http://localhost:8000**](http://localhost:8000)  
   (or http://your\_server\_ip:8000)

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Sumber: Chatgpt