· Virtual anumounients!

70-7 manage project dependencies

@-> isolates environments from each other

-> virtual environments enme that dependencies do not conflict and projects remain organised.

-> whole environments do not affect the global environment

-> avoid conflicts between different projects.

-> allow for clean and partible enfronment.

-> erme constency across different medices

· Can run different revious of Python as in each embonet, including associated pullages.

enva: Python 3.3

enub: Python 3.10 + Flask 2.2.1

enuc: Paython 3.11 & Alask 2.3.1

detting Up Untual Environments:

· all untual environments should be set up in a certal directory.

~ livens

python 3.9 - m venv ~/. venv/enva

enthon3.11 -m very renvento y T T virtual environment envb python version module directory where enub is setup.

tells python to

run venu module

13/0/2025 asceleding a report of the management land to making source ~/.venv/envb/bin/activate, this! prompt activates the introl emmonent make the state of (aginstall flack == (2.3.1) I Flash versions older installs Flack. Than 2-2.0 require may reed to use pip? The install of Westereng amortine hadalp all the offer of et as a. story to water our state of office. pip install werkzeng==2.2.2 flask==2.1.2 deautirate deactivates the introd environment. Using Uirtual Environments 1.8 as distant to U.S. ratification source ~/. venu/enub/bin/activate # step1 python b.py # Step 2 deactivate se se se se step 3 Step 1: activates the environment envis

Aep 2: runs the application b.py Aep 3: deactivates envo dens the markets from the first the first the