

# pip

## error: externally-managed-environment

```
$ pip3 install yamllint
error: externally-managed-environment
× This environment is externally managed
└> To install Python packages system-wide, try apt install
    python3-xyz, where xyz is the package you are trying to
    install.
    If you wish to install a non-Debian-packaged Python package,
    create a virtual environment using python3 -m venv path/to/venv.
    Then use path/to/venv/bin/python and path/to/venv/bin/pip. Make
    sure you have python3-full installed.
    If you wish to install a non-Debian packaged Python application,
    it may be easiest to use pipx install xyz, which will manage a
    virtual environment for you. Make sure you have pipx installed.
    See /usr/share/doc/python3.11/README.venv for more information.
note: If you believe this is a mistake, please contact your Python
installation or OS distribution provider. You can override this, at the risk
of breaking your Python installation or OS, by passing --break-system-
packages.
hint: See PEP 668 for the detailed specification.
```

**Reason:** [pip install -r requirements.txt is failing: This environment is externally managed](#)

### Solution:

- [guide-users-towards-virtual-environments](#)
- `sudo apt install python3-full pipx`
- `pipx install yamllint`
- DIRTY SOLUTION (but usefull for Dockers or CI): `sudo rm /usr/lib/python3.11/EXTERNALLY-MANAGED`

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