

Testing and Deploying a FastAPI Project



Reindert-Jan Ekker

@rjekker www.codesensei.nl



Overview



Unit Testing

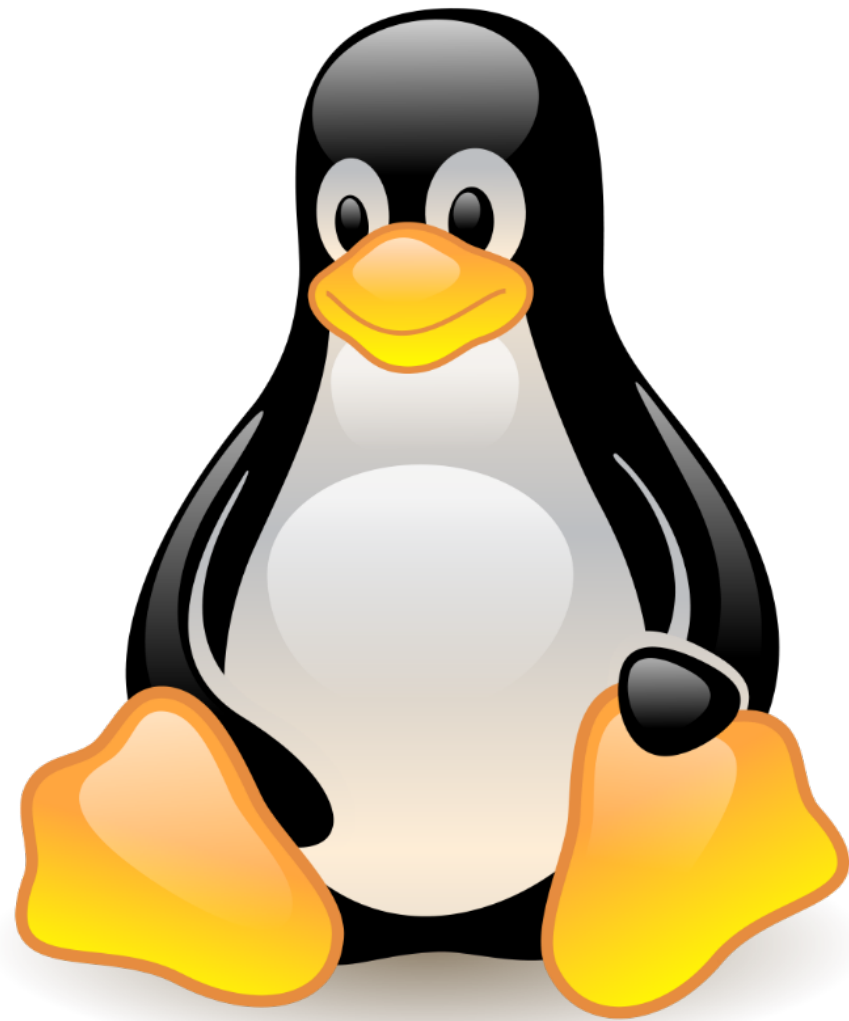
- pytest
- FastAPI TestClient
- Mocking Dependencies

Deployment

- Linux with Nginx Proxy
- Other options
- HTTPS



My Setup



Linux (Debian)

- Package manager: apt

Installed packages

- python3.10 (using pyenv)
- git
- nginx-light

Unit Testing Links



<https://github.com/pyenv/pyenv>



<https://bit.ly/fastapi-testing>



<https://bit.ly/starlette-testing-bug>



Deployment Links



<https://bit.ly/fastapi-deploy>



<https://letsencrypt.org/>



<https://certbot.eff.org/>



Overview



Unit Testing
Deployment

