

Deploying a Flask Application



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Overview



Deploying our application

Server: gunicorn

- Don't use Flask server
- Use a reverse proxy (nginx)

Other options

- Other servers
- Hosted options



My Setup



Linux (Ubuntu)

- Package manager: apt

Installed packages

- python3 and python3-pip
- git
- nginx

Demo



Deploying a Flask app

- On Ubuntu
- With gunicorn
- Reverse proxy: nginx



Deploying with Gunicorn

Install gunicorn with apt

Get security updates

No virtualenv

Fine if you serve a single app

Install gunicorn with pip

Manage updates yourself

Use a virtualenv

When you serve multiple apps



Running Gunicorn

```
gunicorn3 module:app
```

```
gunicorn3 -D module:app # Run as a daemon
```

```
# See also http://docs.gunicorn.org/en/latest/deploy.html
```



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Alternatives

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