


```
whoami
```

```
name: Victor Miti
```

```
web:
```

```
  twitter: @engineervix
```

```
  github: @engineervix
```

```
  blog: https://importthis.tech/
```

```
location:
```

```
  country: Zambia
```

```
  town: Lusaka
```

```
work:
```

```
  company: Torchbox
```

```
  url: https://torchbox.com/
```

```
  role: Junior Developer
```

Deploying Django projects

Too many options

There are many options for deploying your Django application, based on your architecture or your particular business needs, but that discussion is outside the scope of what Django can give you as guidance.

— docs.djangoproject.com/en/4.1/howto/deployment

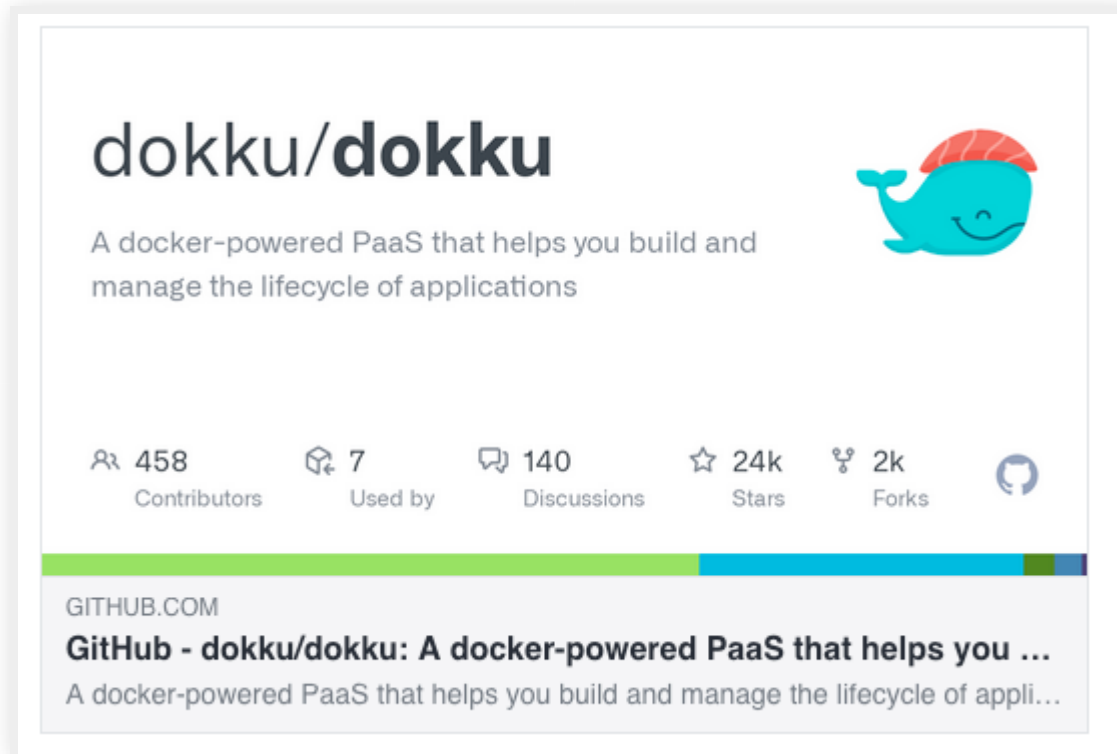
References

- Django Deployment checklist
- A tour of Django server setups, by Matthew Segal
- Django Hosting & Deployment Options, by Will Vincent

Which Route?

- Virtual Private Servers (VPS)
- Platform-as-a-Service (PaaS)

Introducing Dokku



The screenshot shows the GitHub repository page for `dokku/dokku`. The repository name is displayed in a large, bold font. Below it, a description reads: "A docker-powered PaaS that helps you build and manage the lifecycle of applications". To the right of the description is the repository's logo, a blue whale with a red and white striped fin. Below the description, there are several statistics: 458 Contributors, 7 Used by, 140 Discussions, 24k Stars, and 2k Forks. A green progress bar is visible below the statistics. At the bottom of the screenshot, the text "GITHUB.COM" is followed by a truncated title and description: "GitHub - dokku/dokku: A docker-powered PaaS that helps you ..." and "A docker-powered PaaS that helps you build and manage the lifecycle of appli..."

dokku/dokku

A docker-powered PaaS that helps you build and manage the lifecycle of applications

458 Contributors 7 Used by 140 Discussions 24k Stars 2k Forks

GITHUB.COM

GitHub - dokku/dokku: A docker-powered PaaS that helps you ...

A docker-powered PaaS that helps you build and manage the lifecycle of appli...

What is Dokku? 🤔

- an open-source (MIT) PaaS that allows you to build and manage the lifecycle of applications from building to scaling
- It's basically a “mini-**Heroku**” that you can self-host on your Linux server
- powered by **Docker**
 - integrates well with **git**.

Why Dokku ?

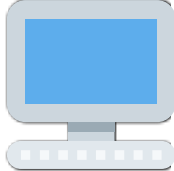
- Makes it easy to deploy your applications
- Actively developed, big community, been around since 2013
- Designed to host multiple sites on the same server right out of the box
- Cost effective
- Lightweight
- Rich plugin ecosystem
- Well documented
- Powerful, intuitive, command-line interface

Building & Buildpacks

- Dokku uses **builders** to customize how an app is built from a source
- Dokku normally defaults to using **Heroku buildpacks** for deployment
- You can also use Docker's native `Dockerfile` system to define a container. See <https://dokku.com/docs/deployment/builders/dockerfiles/>

Some drawbacks / limitations

- limited to single server (can't scale to multiple hosts)
- no web UI (unless you purchase the PRO version)

Talk is cheap, show me the
code 

Questions / Comments ?

ke a leboga 🙏

