Django Class Notes

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Deploy Django App to Heroku

The Heroku CLI

The Heroku Command Line Interface (CLI)

Summary

- Install the Heroku CLI
- Get Started with the Heroku CLI

You can create and manage Heroku apps directly from the terminal. It's an essential part of using Heroku.

Install the Heroku CLI

- The Heroku CLI requires Git, the popular version control system.

- macOS

```
    brew tap heroku/brew && brew install heroku
```

- Windows

  > [64-bit Installer](#)

  > [32-bit Installer](#)

- To verify your CLI installation, use the `heroku --version` command:

```
    heroku --version
```

```
    $ heroku --version
    heroku/7.60.2 darwin-x64 node-v14.19.0
```

Get Started with the Heroku CLI

- After you install the CLI, run the `heroku login` command. Enter any key to go to your web browser to complete login. The CLI then logs you in automatically.

```
    heroku login
```

- If you'd prefer to stay in the CLI to enter your credentials, run `heroku login -i`

```
    heroku login -i
```

- Now you're ready to create your first Heroku app:

```
    cd ~/myapp
    $ heroku create
```

- Check out your preferred language's [getting started guide](#) for a comprehensive introduction to deploying your first app.

- See [Heroku CLI Commands](#) for a full list of commands.

- Initialize a git repository in a new or existing directory

```
cd my-project/
git init
heroku git:remote -a {App Name}
```

- Commit your code to the repository and deploy it to Heroku using Git.

```
git add .
git commit -am "Initial setup"
git push heroku master
```

- Disable collectstatic for this application:

```
heroku config:set DISABLE_COLLECTSTATIC=1
```

- For existing repositories, simply add the heroku remote:

```
heroku git:remote -a {App Name}
```

- The heroku config commands of the `Heroku CLI` makes it easy to manage your app's config vars.

```
heroku config
```

- Set a config var

```
heroku config:set DEBUG=True
```

- Remove a config var

```
heroku config:set DEBUG=True
```

- You can also edit config vars from your app's Settings tab in the Heroku Dashboard.

- View information about your running app using one of the logging commands, `heroku logs --tail`

```
heroku logs --tail
```

- You can check how many dynos are running using the ps command:

```
heroku ps
```

- A database is an add-on, and so you can find out a little more about the database provisioned for your app using the addons command in the CLI:

```
heroku addons
```

- Heroku also provides a pg command that shows a lot more:

```
heroku pg
```

```
❯ heroku pg
=== DATABASE_URL
Plan:                   Hobby-dev
Status:                 Available
Connections:            2/20
PG Version:             14.2
Created:                2022-05-19 18:12 UTC
Data Size:              9.5 MB/1.00 GB (In compliance)
Tables:                 11
Rows:                   58/10000 (In compliance)
Fork/Follow:            Unsupported
Rollback:               Unsupported
Continuous Protection:  Off
Add-on:                 postgresql-perpendicular-45112
```

- Run the standard Django manage.py migrate command:

```
heroku run python manage.py migrate
```

☺ **Happy Coding!** ✍️

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