

Deploy a Dash app to Heroku using GitLab CI/CD

Intro

Dash is an open source library developed by Plotly for creating web applications

GitLab CI/CD is a tool automatically builds, tests, deploys, and monitors applications

Heroku is a platform that lets you build, run, and operate applications entirely in the cloud

Steps

For deploying an app there are 3 necessary steps that need to be followed

- Enabling and configuring GitLab Runners
 - GitLab Runners help run the jobs in a pipeline
 - GitLab offers free shared runners for up to 400 CI minutes per month
- Making a “.gitlab-ci.yml” file in the root directory of the dash app
 - This file defines the project's pipelines, jobs, and environments.
- Setting up environment variables
 - For integrating GitLab with Heroku we need to pass Heroku's API key as a CICD's environment variable defined in the “.gitlab-ci.yml” file