Build a Serverless Github Bot in GCP

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DE:AD:10:C5

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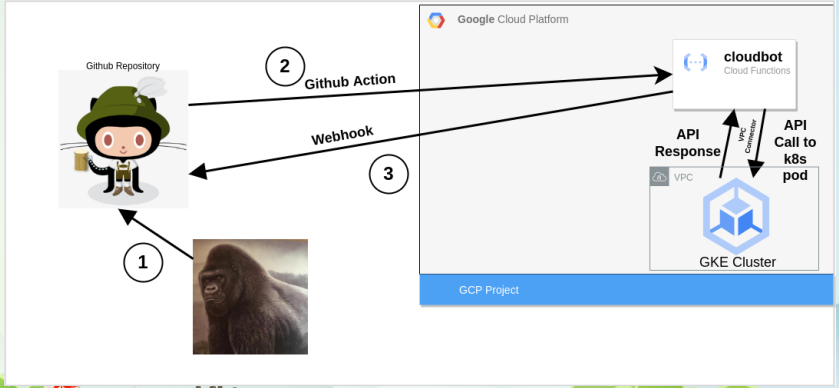
INTRODUCTION

Overview: Usage

The big picture for operation.



Overview: Deployment

The big picture for deployment.

Outline

A high level overview of the learning path is as follows:

- Prerequisites
- Github setup.
- Set up a development environment.
- Review the Python source for the bot.
- Configure Terraform and deploy the bot.
- Test it out.
- Explore possibilities for extending the functionality.


PRE-WORK

Setup: VSCode

VSCode (https://code.visualstudio.com)

- Windows 64 bit User Installer: VSCodeUserSetup-x64-1.73.1.exe
- Mac Universal: VSCode-darwin-universal.zip
- Linux (Debian, Ubuntu): code_1.73.1-1667967334_amd64.deb
- Linux (Red Hat, Fedora, SUSE): code-1.73.1-1667967421.el7.x86_64.rpm

Setup: git

GIT (https://git-scm.com/downloads)

- Windows 32 Bit: Git-2.38.1-64-bit.exe
- Windows 64 Bit: Git-2.38.1-32-bit.exe
- Mac: git-2.15.0-intel-universal-mavericks.dmg

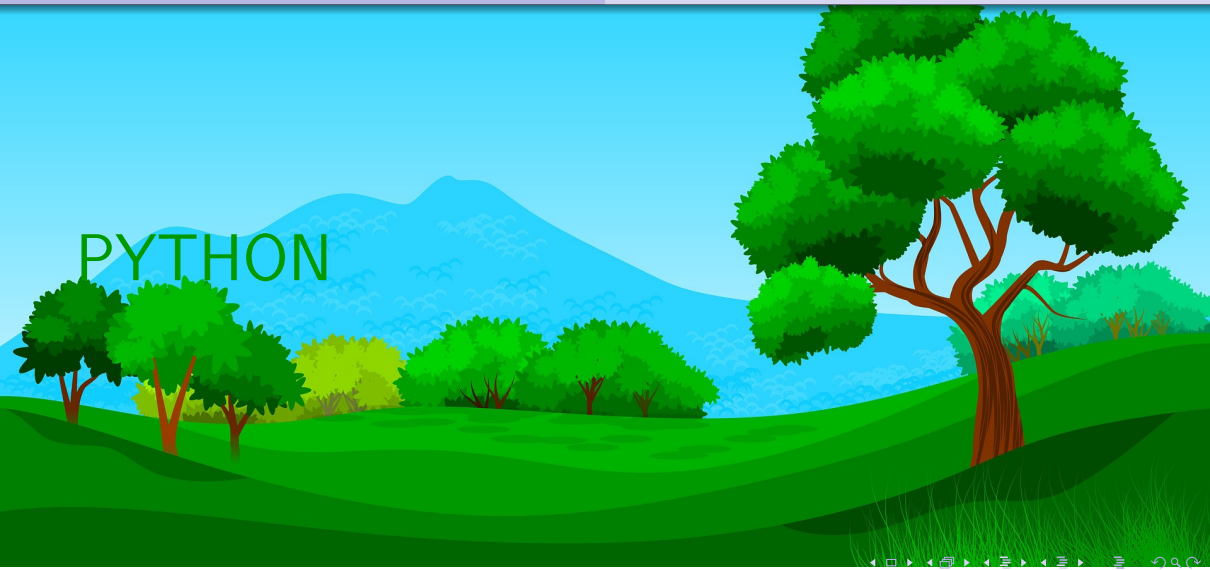
Setup: Docker Desktop

Docker Desktop (https://www.docker.com/)

- Windows: Docker Desktop Installer.exe
- MacOS (Intel Chip): Docker.dmg
- MacOS (M1 Chip): Docker.dmg
- Linux instructions can be found: here

Setup: Clone and Open the Project Repository

Time to clone the repository.


PYTHON


TERRAFORM

Resources

Click here for Session Details

Project source files are available:
`https://github.com/devsecfranklin/workshop-codemash-2023`

Prerequisites are available at this link.

Contact

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