Spinning Up Discord Bot For Destiny 2 Locally

Miles Corwin

crypto.trading.green@gmail.com

May 30, 2025

Contents

Abstract

This document will lead you through the step-by-step process of spinning up this bot on your device locally. The rest of the page is left blank intentionally.

1   Cloning into the repository

1.1   Using the infamous git

To clone the repository on your system using git, simply follow these steps:

1. Open up your terminal/cmd/powershell.
2. Paste the following into your terminal.

   ```
   git clone https://www.github.com/miles-corwin/discord_bot
   ```

1.2   Using the official GitHub CLI

To clone the repository on your system using GitHub CLI, simply follow these steps:
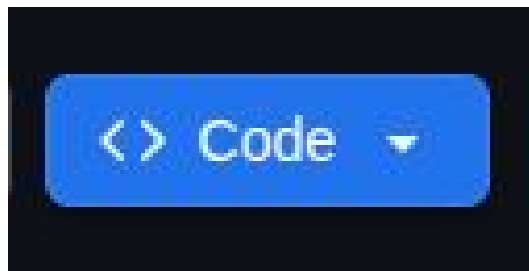
1. Open up your terminal/cmd/powershell.
2. Paste the following into your terminal.

   ```
   gh repo clone miles-corwin/discord_bot
   ```

1.3   Or Download the Source Code

This method is not recommended and is not official practise in the dev world. However, if you are complete noob and don't understand a shit about VCS, then I follow the steps as given below:

1. Open your web browser and head to the repository.
2. Locate this button on the webpage.

3. Click this and dropdown menu will appear.
4. On the extreme bottom of that menu, there will be **Download ZIP**. Click that to start downloading.

2   Setting up the environment

2.1   Requirements

This project **Destiny 2 Checkpoint Sharing Discord Bot** is dependent on Python of version ≥ 3.8. Apart from that the following modules are needed:

- **discord.py**
- **PyAutoGui**

It uses **discord.py** to access the discord API for automation, while **PyAutoGui** is for simulating mouse and keyboard signals on the screen.

2.2   Setting Up

1. Configure **config.json**
   - **Discord Bot Token:** Replace *YOUR_DISCORD_BOT_TOKEN* with a valid token from a Discord bot created via the Discord Developer Portal.
   - **Admin ID:** Replace *YOUR_DISCORD_ID* with Discord user ID of the bot admin. If you're the admin then put yours.
   - **Verify Coordinates:** Please verify and correct the coordinates of *leave_button* and *start_button* according to your screen resolution whereas the default screen resolution is 1920×1080

2. Installing Dependencies and Running the Bot
   - Spin up your terminal/cmd/powershell and paste the following:

     ```
     pip install -r requirements.txt
     ```
   - After installation is done, paste this to your terminal/cmd/powershell:

     ```
     python bot.py
     ```

3 How To Use

Type "!join checkpoint" in your Discord. The bot will then queue you and simulate in-game actions to deliver the checkpoint.
Please note that in the command given above "checkpoint" is the name of checkpoint saved in the game

4 Quick Notes

- Ensure Destiny 2 is running and must be ready on a secondary machine.
- Regularly update coordinates if game UI changes.