**Twitter Automation Bot**

**Documentation**

This document provides a complete guide to set up and operating the scripts for Twitter Automation ‘Automation.py’ and ‘InteractiveResponses.py’ that automate scheduled tweeting and interactive responses on Twitter.

**Prerequisites:**

1. **Twitter Developer Account:**

* Make sure you have a Twitter Developer Account.
* You need to create a Twitter Developer App and retrieve the following credentials:
  + API Key
  + API Secret Key
  + Access Token
  + Access Token Secret
  + Bearer Token

1. **Required Libraries:**

* You need to have Python installed on your system.
* Use the ‘pip install’ command to install the required library.
  + *‘pip install tweepy’*

**Scripts:**

1. **Automation.py Script:** This script is used to automatically post tweets from a text file (‘tweets.txt’) at regular intervals.

**Setup:**

* 1. **Prepare tweets.txt:**
  + Create tweets.txt file and add the tweets you want to post. Each tweet should be on a new line
  1. **Script Overview:**
  + The script reads the tweets from the ‘tweets.txt’ file.
  + It posts each tweet at an interval of 48 hours.
  + If posting fails, it retries up to 5 times.

1. **InteractiveResponses.py Script:** This script monitors specified Twitters accounts and automatically respond to their tweets.

**Setup:**

* 1. **Configure accounts to monitor:**
  + Update the ‘accounts to monitor’ list in the script to include the Twitter usernames of the accounts you want to monitor.
  1. **Scripts Overview:**
  + The script checks for new tweets from specified accounts.
  + For each tweet, it posts an automated response.
  + The script runs in a continuous loop with a 10-second delay between each iteration

**Running the Scripts**

1. **Run the Automation Script:**

* Execute the ‘Automation.py’ script to start posting tweets automatically
* Use the command: ‘*python automation.py’*

1. **Run the Interactive Response Script:**

* Execute the ‘InteractiveResponses.py’ script to start monitoring and responding to tweets.
* Use the command: *‘python InteractiveResponses.py’*

**Notes:**

* Make sure your Twitter Developer App has ‘Read’ and ‘Write’ permissions to post and respond to tweets.
* Both scripts should be able to run simultaneously without conflict. You can execute them in different terminals.
* You may need to adjust the time intervals (‘time.sleep’) based on your requirements

**Troubleshooting:**

* **API ERRORS:** Ensure that your API keys and Tokens are correct and your app is connected to the correct Twitter project.
* **Permissions:** Ensure that your app has ‘Read’ and ‘Write’ permissions.
* **Timeouts:** If the script times out, increase the retry interval or check your internet connection.