Reddit crawl, Telegram bot

Installation Manual

1. Create Reddit API keys

* Browse website, login with Reddit account: <https://www.reddit.com/prefs/apps>

Graphical user interface, text, application

Description automatically generated

Figure . Click create another app...

* Input information as below

Graphical user interface, text, application, email

Description automatically generated

Figure . Form generates secret key

* Reddit will create app id and secret key

Graphical user interface, application

Description automatically generated

Figure . App id and secret use for python tool

1. Approve term of use Reddit api

* Browse website: <https://docs.google.com/forms/d/e/1FAIpQLSezNdDNK1-P8mspSbmtC2r86Ee9ZRbC66u929cG2GX0T9UMyw/viewform>
* Input information and submit form

1. Config Reddit python tool

* Create file praw.ini in same folder with ticker\_counts.py, input content as below

[ClientSecrets]

client\_id=<app id as figure 3>

client\_secret=<secret create as figure 3>

user\_agent=reddit\_script

* Install python requirements: pip3 install -r requirements.txt

1. Config Telegram bot

* Create configuration file conf.properties

friendListPath=friendList.txt  
reddit.Schedule=700  
reddit.python.program=/Users/phuocdoan/Downloads/Reddit-Stock-Trends-main/src  
reddit.python.data=/Users/phuocdoan/Downloads/Reddit-Stock-Trends-main/src/data

* Update schedule format 24h
* Python.program: folder of python tool
* Python.data: sub folder data inside python tool, will be created by python tool
* Start telegram boot (recommend setup : java -cp JTelegramBot.jar chatbot.TelegramReddit conf.properties