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 1. Click create another app...

* Input information as below

Graphical user interface, text, application, email

Description automatically generated

Figure 2. Form generates secret key

* Reddit will create app id and secret key

Graphical user interface, application

Description automatically generated

Figure 3. 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

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