

#ROTD

ROTD is a python script which provides a recap of the day by web scraping various websites. The recap consists of a bible verse, an inspirational quote, and a mini RSS-feed displaying headlines of current news from [/r/news](#) and [/r/worldnews](#).

Purpose

This script was designed to be run at the start of a terminal session to provide a composite information block from various websites.

- To stay up to date with current events and news
- To gain inspiration from various works and authors
- To minimize distraction time often experienced on a web browser

Dependencies

ROTD uses these python libraries to work properly:

- [pickle](#) - Serialization of objects and working persistent data
- [BeautifulSoup](#) - HTML/XML parser for extracting data
- [webbrowser](#) - For opening links of news article in browser

Usage

To avoid having to type the entire command to run the script, an alias is recommended.

```
$ alias dr='python rotd.py'  
$ dr
```

Options

When the information block above is unwanted, the remove-all option should be used. To revert back, the -reset option should be used. In order to sync news with the most current, the -sync-current-news option should be used. To open the news article in a web browser, the -open-link option should be used with the article number desired.

```
usage: rotd.py [-h] [-a] [-n] [-f] [-r] [-s] [-o OPEN_LINK]
```

Recap of the Day! #ROTD

optional arguments:

```
-h, --help            show this help message and exit
-a, --remove-all     hides all attributes
-n, --news-remove     removes news from the recap data shown
-f, --find-new-quote  finds new inspirational quote
-r, --reset           reset all attributes to show again
-s, --sync-current-news
                        fetches fresh news from /r/news and /r/worldnews
-o OPEN_LINK, --open-link OPEN_LINK
                        opens new tab in browser with news article of choice
```

Future features

- Weather updates for the week
- Additional reddit pages or news sites
- Storing quotes/verses into database for future reference