
remindr Documentation

Release 0.3

Carl Chenet <chaica@ohmytux.com.org>

Mar 16, 2019

Contents

1	Guide	3
1.1	How to install Remindr	3
1.2	Configure Remindr	4
1.3	The entrylist file	5
1.4	Use Remindr	6
1.5	Run Remindr on a regular basis	6
1.6	Test option	6
1.7	Debug option	6
1.8	Using syslog	6
1.9	License	7
1.10	Authors	7
2	Indices and tables	9

Remindr automatically sends toots/tweets from a user-defined list to remind people about the last blog entries using the social networks. You'll find below anything you need to install, configure or run Remindr.

1.1 How to install Remindr

1.1.1 From PyPI

```
$ pip3 install remindr
```

1.1.2 From sources

- On some Linux Distribution **setuptools** package does not come with default python install, you need to install it.
- Install **PIP**:

```
$ wget https://bootstrap.pypa.io/get-pip.py -O - | sudo python3
```

- Install **setuptools** module:

```
$ wget https://bootstrap.pypa.io/ez_setup.py -O - | sudo python3
```

Alternatively, Setuptools may be installed to a user-local path:

```
$ wget https://bootstrap.pypa.io/ez_setup.py -O - | python3 - --user
```

- Untar the tarball and go to the source directory with the following commands:

```
$ tar zxvf remindr-0.3.tar.gz  
$ cd remindr
```

- Next, to install Remindr on your computer, type the following command with the root user:

```
$ python3 setup.py install
$ # or
$ python3 setup.py install --install-scripts=/usr/bin
```

1.2 Configure Remindr

As a prerequisite to use Remindr, you need to authorize a Mastodon app for your account.

Just use the script `register_remindr_app` to register the remindr app for your account.:

```
$ ./register_remindr_app

This app generates Mastodon app credentials needed by Remindr.
remindr_clientcred.txt and remindr_usercred.txt will be written in the current dir /
->home/chaica/progra/python/remindr.
One connection is initiated to create the app.
Your password is *not* stored.

Mastodon instance url (defaults to https://mastodon.social):
Mastodon login:chaica@ohmytux.com
Mastodon password:
The remindr app was added to your preferences=>authorized apps page
```

As described above, two files were created. You'll need them in the remindr configuration.

In order to configure Remindr, you need to create a `remindr.ini` file (or any name you prefer, finishing with the extension `.ini`) with the following parameters:

```
[mastodon]
instance_url=https://mastodon.social
; Here you need the two files created by register_remindr_app
user_credentials=/etc/remindr/credentials/remindr_usercred.txt
client_credentials=/etc/remindr/credentials/remindr_clientcred.txt
; Default visibility is public, but you can override it:
toot_visibility=public
; image=false

[twitter]
consumer_key=o6lv2gZxkzk6UbQ30N4vFmlwP
consumer_secret=j4VxU2slv0Ud4rbgZeGbBzPG1zoauBGLiUkOXOMGF6nsjcyn4a
access_token=1234567897-Npq5fYybhacYxnTqb42Kbb3A0bKgmB3wm2hGczB
access_token_secret=HU1snUif010DkcQ3SmUAdObAST14dZQZpuuWxGAV0xFnC
; image=false

[image]
; if you only need on image for all tweets/toots
path_to_image=/home/chaica/blog-carl-chenet.png
; for using different images given the language
; fr_image_path=/home/chaica/fr-blog-carl-chenet.png
; en_image_path=/home/chaica/en-blog-carl-chenet.png

[entrylist]
path_to_list=/etc/remindr/list.txt

[prefix]
```

(continues on next page)

(continued from previous page)

```
fr_prefix=Mon dernier billet de blog :
en_prefix=My Last Blog Post:
```

For the [mastodon] section:

- `instance_url`: the url of your Mastodon instance
- `user_credentials`: a file with the user credentials, generated by the command `register_remindr_app`
- `client_credentials`: a file with the client credentials, generated by the command `register_remindr_app`
- `toot_visibility`: any of the valid options for the `visibility` field [here](#). Default is `public`, but `unlisted` prevents flooding the instance's public timeline (which is more polite).
- `path_to_image`: the path to the image to add for every toots you will post on Mastodon
- `image`: authorize to post an image. Defaults to true. If false no image at all is posted on Mastodon.

For the [twitter] section:

- `consumer_key`: the Twitter consumer key, generated on your apps.twitter.com webpage
- `consumer_secret`: the Twitter consumer secret, generated on your apps.twitter.com webpage
- `access_token`: the Twitter access token, generated on your apps.twitter.com webpage
- `access_secret`: the Twitter access secret, generated on your apps.twitter.com webpage
- `path_to_image`: the path to the image to add for every toots you will post with your messages on Twitter
- `image`: authorize to post an image on Twitter. Defaults to true. If false no image at all is posted on Twitter.

For the [entrylist] section:

- `path_to_list`: the path to the file containing the list of blog entries to remind people about

For the [image] section:

- `path_to_image`: the path to the image for all messages you will post with your messages on every social networks
- `{lang}_image_path`: the path to the image for all {lang} messages you will post with your messages on every social networks

For the [prefix] section:

- `prefix`: default prefix to use. Defaults to an empty string.
- `{lang}_prefix`: you should modify {lang} by a the 2-letter internation code of the language. It is going to be used to match the good language for both prefix and the entry of blog post to remind people about

1.3 The entrylist file

A file with at least 3 fields by line, each field being separated of the others by a space:

```
o en Automatically Send Toots To The Mastodon Social Network https://carlchenet.com/
↪automatically-send-toots-to-the-mastodon-social-network/ #Mastodon
x fr Sur Mastodon, créer son compte de secours... ou tout perdre https://carlchenet.
↪com/sur-mastodon-creer-son-compte-de-secours-ou-tout-perdre/ #Mastodon
x en Automatically boost cool toots on Mastodon with the Boost bot https://carlchenet.
↪com/automatically-boost-cool-toots-on-mastodon-with-the-boost-bot/ #Mastodon
x en Cryptocurrencies On the New Social Network Mastodon #Mastodon #bitcoin #ethereum
↪#monero
```

Here are the details for this example:

- The first field **is** usually `x`, **except for** the line you want to start from, which `↪` uses `'o'`, **as** displayed **in** the example above (line 1).
- The second field **is** a 2-letter internation code **for** the language of your message, `↪` here we use `'en'` **or** `'fr'`. It should match the code **in** the `{lang}_prefix` of the `↪` configuration file, here `en_prefix` **and** `fr_prefix` **in** the configuration file.
- The third field **is** the title of your message.
- The fourth field **is** the url to your blog post.
- The fifth **and** following fields could be hashtags of whatever you wish to use.

1.4 Use Remindr

After the configuration of Remindr, just launch the following command:

```
$ remindr -c /path/to/remindr.ini
```

1.5 Run Remindr on a regular basis

Remindr should be launched on a regular basis in order to efficiently remind people about your blog posts using the social networks. It is quite easy to achieve with adding a line to your user crontab, as described below:

```
0 11 * * * johndoe remindr -c /path/to/remindr.ini
```

will execute remindr every day at 11AM.

1.6 Test option

In order to know what's going to be sent to Mastodon without actually doing it, use the **--dry-run** option:

```
$ remindr --dry-run -c /path/to/remindr.ini
```

1.7 Debug option

In order to increase the verbosity of what's Remindr is doing, use the **--debug** option followed by the level of verbosity see [the the available different levels](<https://docs.python.org/3/library/logging.html>):

```
$ remindr --debug -c /path/to/remindr.ini
```

1.8 Using syslog

Remindr is able to send its log to syslog. You can use it with the following command:

```
$ remindr --syslog=WARN -c /path/to/remindr.ini
```

1.9 License

This software comes under the terms of the **GPLv3+**. It was previously under the **MIT** license. See the `LICENSE` file for the complete history of the license and the full text of the past and current licenses.

1.10 Authors

Carl Chenet <chaica@ohmytux.com>

CHAPTER 2

Indices and tables

- [genindex](#)
- [modindex](#)
- [search](#)