boost Documentation

Release 0.1

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Contents

You'll find below anything you need to install, configure or run Boost.

Guide

How to install Boost

From PyPI

$ pip3 install boost

From sources

- You need at least Python 3.4.
- 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 boost-0.1.tar.gz
$ cd boost
```

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

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

Configure Boost

As a prerequisite to use Boost, you need to register Boost an a Mastodon app on the instance hosting your Mastodon account.

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

```
[mastodon]
users_to_boost=someone@mastodon.social,someonelse@framapiarg.org
instance_url=https://mastodon.social
user_credentials=boost_usercred.txt
client_credentials=boost_clientcred.txt

[boost]
boosts = 0
do_not_boost_hashtags=dnr,
only_if_hashtags=python,
match=[Rr]egex
; only boost toots older than n minutes
older_than=60
; only boost toots younger than n minutes
younger_than=120
favorite=true

[sqlite]
sqlite_path=/var/lib/boost/boost.db
```

For the [mastodon] section:

- users_to_boost: the screen_name of the users to boost (in @carl_chenet, it's carl_chenet), separated by a comma. Mandatory parameter.

- instance_url: the url of your Mastodon instance (default is https://mastodon.social). Mandatory parameter.

- user_credential: the path to your boost_usercred.txt (generated by register_boost_app, default is boost_usercred.txt). Mandatory parameter.

- client_credential: the path to your boost_clientcred.txt (generated by register_boost_app, default is boost_clientcred.txt). Mandatory parameter.

For the [boost] section:

- boosts: the minimal number of boosts the toot needs to have in order we also boost it. Defaults to 0.

- waitminsecs: the minimal number of seconds to wait after processing a toot. Defaults to 1.

- waitmaxsecs: the maximal number of seconds to wait after processing a toot. Defaults to 1.

- do_not_boost_hashtags: do not boost if one of the hashtags in this list is in the text of the toot.

- only_if_hashtags: only boost toots having one of the hashtags of the list.

- match: only boost toots containing given regular expression match.

- older_than: only boost toots older than a number of minutes.

- younger_than: only boost toots younger than a number of minutes.
- favorite: favorite all the boosted toots.

For the [sqlite] section:

- sqlite_path: the path to the sqlite3 database file storing the already boosted toot ids

Use Boost

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

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

Using the –dry-run command line option allows not boosting the toots and not feed local SQLite database, for testing purpose:

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

First time you launch Boost, you may want to avoid to boost the last 20 entries of each user. Use –populate-database option of the command line for that:

```
$ boost --populate-database -c /path/to/boost.ini
```

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CHAPTER 2

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