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# **boost Documentation**

***Release 0.1***

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



## 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 as 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
```

## License

This software comes under the terms of the **GPLv3+**. See the LICENSE file for the complete text of the license.

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## CHAPTER 2

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### Indices and tables

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- `modindex`
- `search`