
dottorrent Documentation

Release 1.10.3

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dottorrent-cli is a command-line interface (CLI) tool for creating .torrent files, powered by [dottorrent](#).

- Fast (capable of several hundred MB/s)
- Full Unicode support
- Automatic and manual piece size selection
- HTTP/web seeds support ([BEP 19](#))
- Private flag support ([BEP 27](#))
- Source string support
- Comment field support
- Filename pattern exclusion
- Per-file MD5 hash computation

Contents:

1.1 Installation

1.1.1 Requirements

- Python 3.3+ (Python 3.5+ recommended)
- `dottorrent` 1.9.2+
- See `requirements.txt` for additional dependencies.

Stable releases are available on PyPI and can be installed using `pip`.

```
pip install dottorrent-cli
```

To install from the latest development sources, clone the git repo and run `pip install .`

1.2 Command-line tool

If you installed dottorrent-cli using pip, dottorrent should be available in your system path.

```
usage: dottorrent [-h] [--tracker TRACKER] [--web_seed WEB_SEED]
                  [--piece_size PIECE_SIZE] [--private] [--source SOURCE]
                  [--exclude RE] [--comment COMMENT] [--date DATE] [--md5]
                  [--verbose]
                  path output_path

Create a .torrent file

positional arguments:
path                  path to file/directory to create torrent from
output_path          Output path for created .torrent file. If a directory
                    is provided, the filename will be
                    ↪automatically generated based on the input.

optional arguments:
-h, --help            show this help message and exit
--tracker TRACKER, -t TRACKER
                    tracker URL (can be specified
                    ↪multiple times)
--web_seed WEB_SEED, -w WEB_SEED
                    web seed URL (can be specified
                    ↪multiple times)
--piece_size PIECE_SIZE, -s PIECE_SIZE
                    piece size, e.g. 16KB, 1M. Leave
                    ↪unspecified for automatic piece size
--private, -p         set private flag (useful for private trackers)
--source SOURCE       source string (useful for private trackers)
--exclude RE, -x RE   filename patterns that should be excluded (can be
                    specified multiple times)
--comment COMMENT, -c COMMENT
                    string for the torrent comment field
--date DATE, -d DATE  Torrent creation date. Valid values: unix
                    timestamp/none/now (default: now)
--md5                Add per-file MD5 hashes
--verbose, -v         verbose mode

dottorrent/1.10.0 (https://github.com/kz26/dottorrent-cli)
```

When creating a torrent, all dotfiles (filenames beginning with a ‘.’) are excluded. On Windows systems running Python 3.5+, all hidden files are excluded as well.

To add multiple trackers, web seeds and/or exclusion patterns, repeat the `-t`, `-w`, or `-x` as many times as necessary, e.g. `-t tracker1 -t tracker2` or `-x "*.jpg" --exclude "*.png"`.

1.3 dottorrent-gui

An official GUI for dottorrent is available. Please see <https://github.com/kz26/dottorrent-gui> for more information.

1.4 Changelog

1.4.1 1.10.3

- Determine writability of output path prior to torrent generation (issue #6)

1.4.2 1.10.2

- fix handling when input is a directory containing a period (PR #2)

1.4.3 1.10.1

- Fix missing files in PyPI packages

1.4.4 1.10.0

- First release split off from dottorrent

CHAPTER 2

Indices and tables

- `genindex`
- `modindex`
- `search`