
zippyshare-downloader

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Download file from Zippyshare directly from Python

KEY FEATURES:

In `zippyshare_downloader` you can:

- You can download file from Zippyshare (Yes of course).
- Extract filename, date uploaded, file size, and downloadable url information from given url.
- Fast Download, allows you to download in 2 connections at same time simultaneously.

1.1 Command Line Interface (CLI)

1.1.1 Command Line Interface (CLI) Usage

App names

There is few app names in `zippyshare-downloader`:

- `zippyshare-dl`
- `zippyshare-downloader`

Note: If none of above doesn't work use this

```
# For Windows
py -3 -m zippyshare_downloader

# For Linux
python3 -m zippyshare_downloader
```

Options

Global options

- `ZIPPYSHARE_URL` or `FILE` Zippyshare URL or file containing zippyshare urls
- `--no-download` No download file
- `--verbose, -v` Enable verbose
- `--replace, -r` Replace file if exist

- `--silent` No output

File / Folder related

- `--folder` FOLDER Store downloaded file in given folder
- `--filename` FILENAME Rewrite filename. Will be ignored if using multiple urls

Zip and unzip

- `--zip` FILENAME, `-z` FILENAME Zip all downloaded files
- `--unzip`, `-uz` Unzip all downloaded files, one by one

Warning: Option `--zip` or `-z` will only work if you are using multiple zippyshare urls

For example:

```
# This will work
$ zippyshare-dl "urls.txt" --zip

# This will NOT work
$ zippyshare-dl "https://www.zippyshare.com/v/..." --zip
```

Download related

- `--async` Run zippyshare-downloader in asynchronous mode
- `--fast` Enable fast download

Note: When you using `--async` option, the download is faster than without using `--async` one.

Warning: `--fast` option require `--async`. It will throw error if you specified `--fast` without `--async` option.

For example:

```
# This will work
$ zippyshare-dl "https://www.zippyshare.com/v/..." --async --fast

# This will NOT work
$ zippyshare-dl "https://www.zippyshare.com/v/..." --fast
```


Pipe to media player (etc: vlc)

- `-pipe` Download to stdout, useful for piping media content to media player (like vlc)

Example Usage

```
# Let's say you want watching videos with vlc from zippyshare
# this can be done with piping the stdout from zippyshare-dl
$ zippyshare-dl "insert zippyshare url here" -pipe | vlc -

# or (for Linux / Mac OS)
$ python3 -m zippyshare_downloader "insert zippyshare url here" -pipe | vlc -

# or (for Windows)
$ py -3 -m zippyshare_downloader "insert zippyshare url here" -pipe | vlc -
```

Proxy related

- `--proxy` PROXY Set a http/socks proxy, all network in this app will be re-routed from this proxy.
- `--proxy-trust-env` Enable http/socks proxy from environments (`http_proxy`, `https_proxy`).

Warning: If you specified `--proxy` and `--proxy-trust-env`, option `--proxy-trust-env` will be ignored.

1.2 Embedding (API)

1.2.1 API Documentation

`zippyshare_downloader.extract_info(url, download=True, unzip=False, **kwargs)`

Extract all informations in Zippyshare url.

Parameters

- **url** (`str`) – Zippyshare url.
- **download** (`bool`) – Download given zippyshare url if True, default to True.
- **unzip** (`bool`) – Unzip downloaded file once finished (if given file is zip or tar format extract it, otherwise ignore it), default to False.
- ****kwargs** – These parameters will be passed to `File.download()`

Returns

Zippyshare file

Return type

`File`

`zippyshare_downloader.download(*urls, zip=None, unzip=False, **kwargs)`

Download multiple zippyshare urls

Parameters

- ***urls** – Zippyshare urls.

- **zip** (**str**) – Zip all downloaded files once finished. Zip filename will be taken from zip parameter, default to None. NOTE: You can't mix zip and unzip options together with value True, it will raise error.
- **unzip** (**bool**) – Unzip all downloaded files once finished (if given file is zip format extract it, otherwise ignore it), default to False. NOTE: You can't mix zip and unzip options together with value True, it will raise error.
- ****kwargs** – These parameters will be passed to [File.download\(\)](#), except for parameter filename.

Returns

a list of Zippyshare files

Return type

List[[File](#)]

async zippyshare_downloader.**extract_info_coro**(url, download=True, unzip=False, **kwargs)

“Coroutine Function”

Extract all informations in Zippyshare url.

Parameters

- **url** (**str**) – Zippyshare url.
- **download** (**bool**) – Download given zippyshare url if True, default to True.
- **unzip** (**bool**) – Unzip downloaded file once finished (if given file is zip or tar format extract it, otherwise ignore it), default to False.
- ****kwargs** – These parameters will be passed to [File.download_coro\(\)](#)

Returns

Zippyshare file

Return type

[File](#)

async zippyshare_downloader.**download_coro**(*urls, zip=None, unzip=False, **kwargs)

“Coroutine Function”

Download multiple zippyshare urls

Parameters

- ***urls** (**str**) – Zippyshare urls.
- **zip** (**str**) – Zip all downloaded files once finished. Zip filename will be taken from zip, default to None. NOTE: You can't mix zip and unzip options together with value True, it will raise error.
- **unzip** (**bool**) – Unzip all downloaded files once finished (if given file is zip format extract it, otherwise ignore it), default to False. NOTE: You can't mix zip and unzip options together with value True, it will raise error.
- ****kwargs** – These parameters will be passed to [File.download_coro\(\)](#), except for parameter filename.

Returns

a list of Zippyshare files

Return type

List[[File](#)]

`zippyshare_downloader.download_stdout(url)`

Extract zippyshare download url and then download its content to stdout

Warning: This will print all its content to stdout, if you are not intend to use this for piping the content to media player (like vlc), then DO NOT DO THIS.

Example usage (Command-line)

```
# Let's say you want watching videos with vlc from zippyshare
# this can be done with piping the stdout from zippyshare-dl
$ zippyshare-dl "insert zippyshare url here" -pipe | vlc -

# or (for Linux / Mac OS)
$ python3 -m zippyshare_downloader "insert zippyshare url here" -pipe | vlc -

# or (for Windows)
$ py -3 -m zippyshare_downloader "insert zippyshare url here" -pipe | vlc -
```

`class zippyshare_downloader.File(data)`

property date_uploaded

Return date that this file uploaded.

Type

`datetime.datetime`

property date_uploaded_fmt

Return formatted date that this file uploaded.

Type

`str`

download(*progress_bar=True, replace=False, folder=None, filename=None*)

Download this file

Parameters

- **progress_bar** (`bool`) – Enable/Disable progress bar, default to *True*
- **replace** (`bool`) – Replace file if exist, default to *False*
- **folder** (`str`) – Set a folder where to store downloaded file, default to *None*.
- **filename** (`str`) – Set a replacement filename, default to *None*.

Returns

Zippyshare file downloaded

Return type

`pathlib.Path`

async download_coro(*progress_bar=True, replace=False, folder=None, filename=None, fast=False*)

Same like `File.download()` but for asynchronous process

Parameters

- **progress_bar** (`bool`) – Enable/Disable progress bar, default to *True*
- **replace** (`bool`) – Replace file if exist, default to *False*

- **folder** (`str`) – Set a folder where to store downloaded file, default to *None*.
- **filename** (`str`) – Set a replacement filename, default to *None*.
- **fast** (`bool`) – Enable Fast download, default to *False*

Returns

Zippyshare file downloaded

Return type

`pathlib.Path`

property download_url

Return downloadable url

Type

`download_url`

property name

Return name of the file

Type

`str`

property size

Return size of the file, in bytes.

Type

`float`

property size_fmt

Return formatted size of the file

Type

`str`

to_JSON()

Return all zippyshare informations in JSON

to_dict()

Return all zippyshare informations in dict

property url

Return origin url

Type

`str`

Proxy related

Usage:

```
from zippyshare_downloader.network import Net, set_proxy, clear_proxy

# Http proxy
Net.set_proxy('http://user:pass@address:port')

# socks
Net.set_proxy('socks5://user:pass@address:port')
```

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```
# Shortcut (if you're lazy af)
set_proxy('http://user:pass@address:port')
set_proxy('socks5://user:pass@address:port')
```

```
class zippyshare_downloader.NetworkObject(proxy=None, trust_env=False)

    property aiohttp
        Return proxied aiohttp (if configured)

    clear_proxy()
        Remove all proxy from aiohttp/request and disable environments proxy

    close()
        Close requests session only

    async close_async()
        Close aiohttp & requests session

    is_proxied()
        Return True if requests/aiohttp from NetworkObject are configured using proxy.

    property proxy
        Return HTTP/SOCKS proxy, return None if not configured

    property requests
        Return proxied requests (if configured)

    set_proxy(proxy)
        Setup HTTP/SOCKS proxy for aiohttp/requests

    property trust_env
        Return True if http/socks proxy are grabbed from env

zippyshare_downloader.set_proxy(proxy)
    Setup HTTP/SOCKS proxy for aiohttp/requests
    This is shortcut for NetworkObject.set_proxy().

zippyshare_downloader.clear_proxy()
    Remove all proxy from aiohttp/requests
    This is shortcut for NetworkObject.clear_proxy().
```


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