
tld Documentation

Release 0.4

Artur Barseghyan <artur.barseghyan@gmail.com>

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Contents

Extracts the top level domain (TLD) from the URL given. List of TLD names is taken from Mozilla http://mxr.mozilla.org/mozilla/source/network/dns/src/effective_tld_names.dat?raw=1

Optionally raises exceptions on non-existing TLDs or silently fails (if *fail_silently* argument is set to True). Knows about active and inactive TLDs. If only active TLDs shall be matched against, *active_only* argument shall be set to True (default - False).

Installation

Latest stable version on PyPI:

```
$ pip install tld
```

Latest development version:

```
$ pip install -e hg+http://bitbucket.org/barseghyanartur/tld#egg=tld
```

Usage example

To get the top level domain name from the URL given:

```
>>> from tld import get_tld
>>> print get_tld("http://www.google.co.uk")
'google.co.uk'
>>> print get_tld("http://www.google.idontexist", fail_silently=True)
None
```

To update/sync the tld names with the most recent version run the following from your terminal:

```
$ python tld/update.py
```

or simply do:

```
>>> from tld.utils import update_tld_names
>>> update_tld_names()
```

2.1 utils Module

`tld.utils.update_tld_names(fail_silently=False)`

Updates the local copy of TLDs file.

Parameters `fail_silently` (*bool*) – If set to True, no exceptions is raised on failure but boolean False returned.

Return bool True on success, False on failure.

`tld.utils.get_tld(url, active_only=False, fail_silently=False)`

Extracts the top level domain based on the mozilla's effective TLD names dat file. Returns a string. May throw `TldBadUrl` or `TldDomainNotFound` exceptions if there's bad URL provided or no TLD match found respectively.

Parameters

- **url** – URL to get top level domain from.
- **active_only** – If set to True, only active patterns are matched.
- **fail_silently** – If set to True, no exceptions are raised and None is returned on failure.

Returns String with top level domain or None on failure.

Indices and tables

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