
tvdb_api_client

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tvdb_api_client is an unofficial API for the TVDB.

IN A NUTSHELL

1.1 Installation

The easiest way is to use `poetry` to manage your dependencies and add *tvdb_api_client* to them.

```
[tool.poetry.dependencies]
tvdb_api_client = "*"

```

1.2 Usage

Initialise the client (example using the django cache):

```
from django.core.cache import cache
from tvdb_api_client import TVDBClient

client = TVDBClient("username", "user_key", "api_key", cache)

```

Once the client has been initialised, you can use it to get the following info:

- get TV series by TVDB id
- get TV series by IMDb id
- find identifying info for a TV series by its name
- get episodes by TV series using its TVDB id

- [Documentation](#)
- [Changelog](#)

2.1 Installation

The easiest way is to use [poetry](#) to manage your dependencies and add *tvdb_api_client* to them.

```
[tool.poetry.dependencies]  
tvdb_api_client = "*"
```

2.2 Usage

The central object is the `TVDBClient` client which needs the `username`, `user_key`, and `api_key` supplied by the TVDB. It can be initialised with a cache (optionally), and if no cache is passed a dummy cache object will be created.

Note: It is advisable to use a cache that will persist during a server restart, so that the token will not have to be regenerated.

Warning: Please be advised that the token will be stored in the default cache in plaintext, so if there are any security considerations they should be taken care into account when choosing the cache.

class `tvdb_api_client.TVDBClient`

The TVDB client

__init__(*username*, *user_key*, *api_key*, *cache=None*, *language=None*)

Parameters

- **username** (*str*) – The TVDB username
- **user_key** (*str*) – The TVDB user key
- **api_key** (*str*) – The TVDB api key
- **cache** – The caching object to be used
- **language** (*Optional[str]*) – The 2-letter language code

Initialise the TVDB client

get_series_by_id(*tvdb_id*, *, *refresh_cache=False*, *language=None*)

Parameters

- **tvdb_id** (*Union[str, int]*) – The TVDB id of the series
- **refresh_cache** (*bool*) – Whether to use or not cached responses
- **language** (*str*) – The 2-letter code, if overriding the client’s language is needed

Returns

A dictionary of the series info

Return type

dict

Get the series info by its tvdb id

get_series_by_imdb_id(*imdb_id*, *, *refresh_cache=False*, *language=None*)

Parameters

- **imdb_id** (*str*) – The imdb id of the series
- **refresh_cache** (*bool*) – Whether to use or not cached responses
- **language** (*str*) – The 2-letter code, if overriding the client’s language is needed

Returns

A dictionary of the series info

Return type

dict

Get the series info by its imdb id

find_series_by_name(*series_name*, *, *refresh_cache=False*, *language=None*)

Parameters

- **series_name** (*str*) – The series’ name
- **refresh_cache** (*bool*) – Whether to use or not cached responses
- **language** (*str*) – The 2-letter code, if overriding the client’s language is needed

Returns

A list of all the series that match the name

Return type

List[dict]

Find all TV series that match a TV series name

The info returned for each TV series are its name, the original air date (in “%Y-%m-%d” format) and the tvdb_id (as an integer).

This information should be enough to identify the desired series and search by id afterwards.

get_episodes_by_series(*tvdb_id: Union[str, int]*, *, *refresh_cache=False*, *language=None*)

Parameters

- **tvdb_id** (*Union[str, int]*) – The TVDB id of the series

- **refresh_cache** (*bool*) – Whether to use or not cached responses
- **language** (*str*) – The 2-letter code, if overriding the client's language is needed

Returns

A list of all the episodes

Return type

List[dict]

Get all the episodes for a TV series

Note: Also, all of these methods will use the cached value if present. To get new data, you may pass `refresh_cache=True` to all of them.

2.3 Changelog

All notable changes to this project will be documented in this file.

The format is based on [Keep a Changelog](#), and this project adheres to [Semantic Versioning](#).

2.3.1 Unreleased

2.3.2 0.6.0 - 2022-03-08

Added

- Added a method to get series by the tvdb id (V4 API)
- Added a method to get all episodes from a series by the tvdb id of the series (V4 API)

Removed

- Removed changelog from the published wheel

2.3.3 0.5.0 - 2022-01-05

Added

- Added python310 support

Removed

- Dropped python36 support

2.3.4 0.4.2 - 2021-02-14

Added

- Allow setting the language

2.3.5 0.4.1 - 2020-09-30

Fixed

- Add method `get_episodes_by_series` back to the class

2.3.6 0.4.0 - 2020-04-23

Added

- Add caching to all methods

2.3.7 0.3.0 - 2020-01-25

Added

- Dummy cache when no cache specified

2.3.8 0.2.0 - 2019-05-27

Added

- `changelog.md`
- Method to get TV series by TVDB id
- Method to get TV series by IMDb id
- Method to find identifying info for a TV series by its name
- Method to get episodes by TV series using its TVDB id

2.3.9 0.1.7 - 2019-05-20

Added

2.3.10 0.1.6 - 2018-10-06

Added

2.3.11 0.1.5 - 2018-10-06

Added

2.3.12 0.1.3 - 2018-10-06

Added

2.3.13 0.1.2 - 2018-10-06

Added

2.3.14 0.1.0 - 2018-02-24

Added

2.3.15 0.0.2 - 2017-08-06

Added

2.3.16 0.0.1 - 2017-08-05

Added

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