Package ‘imdbapi’

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Title  Get Movie, Television Data from the 'imdb' Database
Version  0.1.0
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Description  Provides API access to the <http://imdbapi.net> which maintains metadata about movies, games and television shows through a public API.
Depends  R (>= 3.1.1)
License  GPL-3
Imports  httr, dplyr, stringr
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find_by_id

Retrieves OMDB info by IMDB ID search

**Description**

Retrieve OMDB info by IMDB ID search

**Usage**

```r
class_name(id, type = NULL, year_of_release = NULL, plot = "short",
include_tomatoes = FALSE, api_key = omdb_api_key())
```

**Arguments**

- `id`: A valid IMDb ID (e.g. tt1285016)
- `type`: Type of result to return. One of [movie|series|episode|game].
- `plot`: Return short or full plot.
- `include_tomatoes`: Include Rotten Tomatoes ratings.

**Value**

tbl_df/data.frame of search results (an empty one if none found). Also classes as an omdb object for prettier printing

**Note**

The API’s search results limit to 10.

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find_by_title

Retrieves OMDB info by title search

**Description**

Retrieve OMDB info by title search

**Usage**

```r
class_name(title, type = NULL, season = NULL, episode = NULL,
year_of_release = NULL, plot = "short", include_tomatoes = FALSE,
api_key = omdb_api_key())
```
get_actors

Arguments

- **title**: Movie title to search for.
- **type**: Type of result to return. One of [movie|series|episode|game].
- **season**: if type is series or episode then it possible to search within a season AND episode (both required)
- **episode**: if type is series or episode then it possible to search within a season AND episode (both required)
- **year_of_release**: Year of release.
- **plot**: Return short or full plot.
- **include_tomatoes**: Include Rotten Tomatoes ratings.
- **api_key**: OMDB API key. See `omdb_api_key()` & https://www.patreon.com/bePatron?u=5038490 for more information.

Value

tbl_df/data.frame of search results (an empty one if none found). Also classes as an omdb object for prettier printing

Note

The API’s search results limit to 10.

See Also

http://www.omdbapi.com/

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get_actors

*Get actors from an omdb object as a vector*

Description

Splits the field at commas and returns a vector of individual entries

Usage

get_actors(omdb)

Arguments

- **omdb**: an object returned by `find_by_title` or `find_by_id`

Value

A character vector of actors
get_countries

Description
Splits the field at commas and returns a vector of individual entries

Usage
get_countries(omdb)

Arguments
omdb an object returned by find_by_title or find_by_id

Value
A character vector of countries

Examples
get_countries(find_by_id("tt0031381"))

get_directors

Description
Splits the field at commas and returns a vector of individual entries

Usage
get_directors(omdb)

Arguments
omdb an object returned by find_by_title or find_by_id

Value
A character vector of directors

Examples
get_directors(find_by_id("tt0031381"))
**get_genres**

**Examples**

get_directors(find_by_id("tt0031381"))

---

**get_genres** *Get genres from an omdb object as a vector*

**Description**

Splits the field at commas and returns a vector of individual entries

**Usage**

get_genres(omdb)

**Arguments**

omdb an object returned by find_by_title or find_by_id

**Value**

A character vector of genres

**Examples**

get_genres(find_by_id("tt0031381"))

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**get_writers** *Get writers from an omdb object as a vector*

**Description**

Splits the field at commas and returns a vector of individual entries

**Usage**

get_writers(omdb)

**Arguments**

omdb an object returned by find_by_title or find_by_id
Value

A character vector of writers

Examples

get_writers(find_by_id("tt0031381"))

omdb_api_key

Get or set OMDB_API_KEY value

Description

The API wrapper functions in this package all rely on a OMDB API key residing in the environment variable OMDB_API_KEY. The easiest way to accomplish this is to set it in the .Renviron file in your home directory.

Usage

omdb_api_key(force = FALSE)

Arguments

force force setting a new OMDB API key for the current environment?

Value

atomic character vector containing the OMDB API key

Note

The "poster" API requires a separate key

search_by_title

Lightweight omdb title search

Description

Lightweight omdb title search

Usage

search_by_title(term, type = NULL, year_of_release = NULL, page = 1, api_key = omdb_api_key())
**search_by_title**

**Arguments**

- **term**: Movie title to search for.
- **type**: Type of result to return. One of [movie|series|episode|game].
- **year_of_release**: Year of release.
- **page**: 1 for first 10 results, 2 for next ten, etc...
- **api_key**: OMDB API key. See `omdb_api_key()` & [https://www.patreon.com/bePatron?u=5038490](https://www.patreon.com/bePatron?u=5038490) for more information.

**Value**

`tbl_df/data.frame` of search results (an empty one if none found)

**Note**

The API's search results limit to 10 at a time (see argument page).

**See Also**

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