

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

RoxygenNote 6.0.1

NeedsCompilation no

Repository CRAN

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| | |
|------------|---|
| find_by_id | <i>Retrieve OMDb info by IMDB ID search</i> |
|------------|---|

Description

Retrieve OMDb info by IMDB ID search

Usage

```
find_by_id(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]. |
| 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.

| | |
|---------------|---|
| find_by_title | <i>Retrieve OMDb info by title search</i> |
|---------------|---|

Description

Retrieve OMDb info by title search

Usage

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

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 <code>omdb_api_key()</code> & 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/>

| | |
|------------|---|
| get_actors | <i>Get actors from an omdb object as a vector</i> |
|------------|---|

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

Examples

```
get_actors(find_by_id("tt0031381"))
```

| | |
|---------------|--|
| get_countries | <i>Get countries from an omdb object as a vector</i> |
|---------------|--|

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 | <i>Get directors from an omdb object as a vector</i> |
|---------------|--|

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 *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"))
```

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 | <i>Get or set OMDB_API_KEY value</i> |
|--------------|--------------------------------------|

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 | <i>Lightweight omdb title search</i> |
|-----------------|--------------------------------------|

Description

Lightweight omdb title search

Usage

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

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 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

<http://www.omdbapi.com/>

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