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

Retrieve OMDB info by IMDB ID search

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

Retrieve OMDB info by title search

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())
get_actors

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>title</td>
<td>Movie title to search for.</td>
</tr>
<tr>
<td>type</td>
<td>Type of result to return. One of [movie</td>
</tr>
<tr>
<td>season</td>
<td>if type is series or episode then it possible to search within a season AND</td>
</tr>
<tr>
<td></td>
<td>episde (both required)</td>
</tr>
<tr>
<td>episode</td>
<td>if type is series or episode then it possible to search within a season AND</td>
</tr>
<tr>
<td></td>
<td>episde (both required)</td>
</tr>
<tr>
<td>year_of_release</td>
<td>Year of release.</td>
</tr>
<tr>
<td>plot</td>
<td>Return short or full plot.</td>
</tr>
<tr>
<td>include_tomatoes</td>
<td>Include Rotten Tomatoes ratings.</td>
</tr>
<tr>
<td>api_key</td>
<td>OMDB API key. See omdb_api_key() &amp; <a href="https://www.patreon.com/bePatron?u=5038490">https://www.patreon.com/bePatron?u=5038490</a> for more information.</td>
</tr>
</tbody>
</table>

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  

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

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>omdb</td>
<td>an object returned by find_by_title or find_by_id</td>
</tr>
</tbody>
</table>

Value

A character vector of actors
Examples

get_actors(find_by_id("tt0031381"))

get_countries

Get countries from an omdb object as a vector

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

Get directors from an omdb object as a vector

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
get_genres

Examples

get_directors(find_by_id("tt0031381"))

get_genres

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

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 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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