# Package 'ROMDB'

October 12, 2022

**Type** Package

**Date** 2020-01-06

**Title** Get 'OMDB' API Multiple Information

**Version** 0.1.0

**Author** Alberto Almuiña <albertogonzalezalmuinha@gmail.com>

**Maintainer** Alberto Almuiña <albertogonzalezalmuinha@gmail.com>

**Description** Load multiple movies, series, actors, directors etc from 'OMDB' API. More information in: <http://www.omdbapi.com/>.

**License** GPL-3

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 6.1.1

**URL** https://github.com/AlbertoAlmuinha/ROMDB

**Imports** dplyr, purrr, httr, stringr, RODBC, magick

**NeedsCompilation** no

**Repository** CRAN

**Date/Publication** 2020-01-14 11:40:06 UTC

## R topics documented:

**Index**                                                                                    **13**

---

get_omdb_item                    *Get OMDB Item*

---

### Description

This function searches OMDB Movies/Series by ID.

### Usage

```
get_omdb_item(omdb_id, include_image = TRUE,
  API_KEY = Sys.getenv("API_KEY"))
```

### Arguments

| | |
|---|---|
| omdb_id | String with the omdb_id for a movie/series. |
| include_image | If TRUE, the result includes an image of the movie/series. Default: TRUE. |
| API_KEY | OMBD Api Key. Default: Get the Api Key from system environment. Use Sys.setenv('API_KEY' = 'XXXXX'). More information in: http://www.omdbapi.com/apikey.aspx |

### Value

If include_image is TRUE, returns a list with a tibble with the movie information and a image of the film. If include_image is FALSE, only returns the tibble.

### Author(s)

Alberto Almuiña

### Examples

```
## Not run:
get_omdb_item('tt0120338')

## End(Not run)
```

---

`get_omdb_item_actors` *Get OMDB Item Actors*

---

### Description

This function returns a vector with the actors returned by the api (separated by commas).

### Usage

```
get_omdb_item_actors(omdb_id, API_KEY = Sys.getenv("API_KEY"))
```

### Arguments

| | |
|---|---|
| omdb_id | String with the omdb_id for a movie/series. |
| API_KEY | OMBD Api Key. Default: Get the Api Key from system environment. Use Sys.setenv('API_KEY' = 'XXXXX'). More information in: http://www.omdbapi.com/apikey.aspx |

### Value

Return a vector with the actors of a movie/series.

### Author(s)

Alberto Almuiña

### Examples

```
## Not run:
get_omdb_item_actors(omdb_id = 'tt0120338')

## End(Not run)
```

---

`get_omdb_item_countries`
*Get OMDB Item Countries*

---

### Description

This function returns a vector with the countries returned by the api (separated by commas).

### Usage

```
get_omdb_item_countries(omdb_id, API_KEY = Sys.getenv("API_KEY"))
```

## Arguments

| | |
|---|---|
| omdb_id | String with the omdb_id for a movie/series. |
| API_KEY | OMBD Api Key. Default: Get the Api Key from system environment. Use Sys.setenv('API_KEY' = 'XXXXX'). More information in: http://www.omdbapi.com/apikey.aspx |

## Value

Return a vector with the countries of a movie/series.

## Author(s)

Alberto Almuiña

## Examples

```
## Not run:
get_omdb_item_countries(omdb_id = 'tt0120338')

## End(Not run)
```

---

get_omdb_item_directors

*Get OMDB Item Directors*

---

## Description

This function returns a vector with the directors returned by the api (separated by commas).

## Usage

```
get_omdb_item_directors(omdb_id, API_KEY = Sys.getenv("API_KEY"))
```

## Arguments

| | |
|---|---|
| omdb_id | String with the omdb_id for a movie/series. |
| API_KEY | OMBD Api Key. Default: Get the Api Key from system environment. Use Sys.setenv('API_KEY' = 'XXXXX'). More information in: http://www.omdbapi.com/apikey.aspx |

## Value

Return a vector with the directors of a movie/series.

## Author(s)

Alberto Almuiña

## Examples

```
## Not run:
get_omdb_item_directors(omdb_id = 'tt0120338')

## End(Not run)
```

---

get_omdb_item_genres     *Get OMDB Item Genres*

---

## Description

This function returns a vector with the genres returned by the api (separated by commas).

## Usage

```
get_omdb_item_genres(omdb_id, API_KEY = Sys.getenv("API_KEY"))
```

## Arguments

| | |
|---|---|
| omdb_id | String with the omdb_id for a movie/series. |
| API_KEY | OMBD Api Key. Default: Get the Api Key from system environment. Use Sys.setenv('API_KEY' = 'XXXXX'). More information in: http://www.omdbapi.com/apikey.aspx |

## Value

Return a vector with the genres of a movie/series.

## Author(s)

Alberto Almuiña

## Examples

```
## Not run:
get_omdb_item_genres(omdb_id = 'tt0120338')

## End(Not run)
```

---

get_omdb_item_languages

### *Get OMDB Item Languages*

---

### Description

This function returns a vector with the languages returned by the api (separated by commas).

### Usage

```
get_omdb_item_languages(omdb_id, API_KEY = Sys.getenv("API_KEY"))
```

### Arguments

| | |
|---|---|
| omdb_id | String with the omdb_id for a movie/series. |
| API_KEY | OMBD Api Key. Default: Get the Api Key from system environment. Use Sys.setenv('API_KEY' = 'XXXXX'). More information in: http://www.omdbapi.com/apikey.aspx |

### Value

Return a vector with the languages of a movie/series.

### Author(s)

Alberto Almuiña

### Examples

```
## Not run:
get_omdb_item_languages(omdb_id = 'tt0120338')

## End(Not run)
```

---

get_omdb_item_poster     *Get OMDB Item Poster*

---

### Description

This function searches Item Poster.

### Usage

```
get_omdb_item_poster(omdb_id, API_KEY = Sys.getenv("API_KEY"))
```

## Arguments

| | |
|---|---|
| omdb_id | String with the omdb_id for a movie/series. |
| API_KEY | OMBD Api Key. Default: Get the Api Key from system environment. Use Sys.setenv('API_KEY' = 'XXXXX'). More information in: http://www.omdbapi.com/apikey.aspx |

## Value

Return an image with the movie/series poster.

## Author(s)

Alberto Almuiña

## Examples

```
## Not run:
get_omdb_item_poster(omdb_id = 'tt0120338')

## End(Not run)
```

---

get_omdb_item_ratings     *Get OMDB Item Ratings*

---

## Description

This function searches Item Ratings.

## Usage

```
get_omdb_item_ratings(omdb_id, API_KEY = Sys.getenv("API_KEY"))
```

## Arguments

| | |
|---|---|
| omdb_id | String with the omdb_id for a movie/series. |
| API_KEY | OMBD Api Key. Default: Get the Api Key from system environment. Use Sys.setenv('API_KEY' = 'XXXXX'). More information in: http://www.omdbapi.com/apikey.aspx |

## Value

Return a tibble with the movie/series ratings.

## Author(s)

Alberto Almuiña

### Examples

```
## Not run:
get_omdb_item_ratings(odmb_id = 'tt0120338')

## End(Not run)
```

---

get_omdb_item_writers *Get OMDB Item Writers*

---

### Description

This function returns a vector with the writers returned by the api (separated by commas).

### Usage

```
get_omdb_item_writers(omdb_id, API_KEY = Sys.getenv("API_KEY"))
```

### Arguments

| | |
|---|---|
| omdb_id | String with the omdb_id for a movie/series. |
| API_KEY | OMBD Api Key. Default: Get the Api Key from system environment. Use Sys.setenv('API_KEY' = 'XXXXX'). More information in: http://www.omdbapi.com/apikey.aspx |

### Value

Return a vector with the writers of a movie/series.

### Author(s)

Alberto Almuiña

### Examples

```
## Not run:
get_omdb_item_writers(omdb_id = 'tt0120338')

## End(Not run)
```

---

get_omdb_several_items

*Get OMDB Several Items*

---

### Description

This function searches OMDB Movies/Series by ID.

### Usage

```
get_omdb_several_items(omdb_ids, include_gif = TRUE,
  API_KEY = Sys.getenv("API_KEY"))
```

### Arguments

| | |
|---|---|
| omdb_ids | Vector with the omdb_ids for selected movies/series. All the IDs must be the same type (movie or series). |
| include_gif | If TRUE, the result includes a gif of the movies/series. Default: TRUE. |
| API_KEY | OMBD Api Key. Default: Get the Api Key from system environment. Use Sys.setenv('API_KEY' = 'XXXXX'). More information in: http://www.omdbapi.com/apikey.aspx |

### Value

If include_gif is TRUE, returns a list with a tibble with the movie information and a gif of the films. If include_image is FALSE, only returns the tibble.

### Author(s)

Alberto Almuiña

### Examples

```
## Not run:
get_omdb_several_items(odmb_ids = search_omdb_items('Titanic', include_gif = F) %>% .$imdb_id)

## End(Not run)
```

---

`get_request_status`          *Get Request Status*

---

### Description

This function determines if a OMDB API Request is correct or not.

### Usage

```
get_request_status(res)
```

### Arguments

res                    OMDB API Request

### Value

Raise an error if the request is not correct.

### Author(s)

Alberto Almuiña

---

`item_to_database`          *Item to Database*

---

### Description

This function stores an item into a database table.

### Usage

```
item_to_database(con, item, dbtable, rownames = F, colnames = F,
  append = T)
```

### Arguments

| | |
|---|---|
| con | Conecction to some database made with the RODBC package or some other. |
| item | Tibble returned for some of the functions of the ROMDB package. |
| dbtable | Name of the database table to insert the results. |
| rownames | either logical or character. If logical, save the row names as the first column rownames in the table? If character, the column name under which to save the rownames. Default: FALSE |
| colnames | logical: save column names as the first row of table? Default: FALSE |
| append | logical. Should data be appended to an existing table? Default: TRUE |

## Author(s)

Alberto Almuiña

## Examples

```
## Not run:
item_to_database(con, tibble_df, 'M_SQL_TABLE')

## End(Not run)
```

---

search_omdb_gif        *Search OMDB Gif*

---

## Description

This function searches OMDB Api Items (movies or series) by name, type and year.

## Usage

```
search_omdb_gif(movie, type = "movie", year = NULL, page = 1,
  API_KEY = Sys.getenv("API_KEY"))
```

## Arguments

| | |
|---|---|
| movie | String of movie/series name |
| type | Default: 'movie'. Valid options are 'movie' or 'series'. |
| year | Optional. Year of release. |
| page | The number of results returned. 1: 10 results, 2: 20 results... |
| API_KEY | OMBD Api Key. Default: Get the Api Key from system environment. Use Sys.setenv('API_KEY' = 'XXXXX'). More information in: http://www.omdbapi.com/apikey.aspx |

## Value

Returns a gif of the movies searched (an image if only one result is returned)

## Author(s)

Alberto Almuiña

## Examples

```
## Not run:
search_omdb_gif('Titanic')

## End(Not run)
```

search_omdb_items    *Search OMDB Items*

### Description

This function searches OMDB Api Items (movies or series) by name, type and year.

### Usage

```
search_omdb_items(movie, type = "movie", year = NULL, page = 1,
  include_gif = TRUE, API_KEY = Sys.getenv("API_KEY"))
```

### Arguments

| | |
|---|---|
| movie | String of movie/series name |
| type | Default: 'movie'. Valid options are 'movie' or 'series'. |
| year | Optional. Year of release. |
| page | The number of results returned. 1: 10 results, 2: 20 results... |
| include_gif | If TRUE, the result includes a gif of the movies/series. Default: TRUE. |
| API_KEY | OMBD Api Key. Default: Get the Api Key from system environment. Use Sys.setenv('API_KEY' = 'XXXXX'). More information in: http://www.omdbapi.com/apikey.aspx |

### Value

If include_gif is TRUE, returns a list with a tibble with the movie information and a gif of the films.
If include_image is FALSE, only returns the tibble.

### Author(s)

Alberto Almuiña

### Examples

```
## Not run:
search_omdb_items('Titanic')

## End(Not run)
```

# Index