

# Package ‘ROMDB’

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**Type** Package

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

**Version** 0.1.0

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**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/AlbertoAlmuiña/ROMDB>

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

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**Repository** CRAN

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get_omdb_item	<i>Get OMDB Item</i>
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## 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' = 'XXXXXX'). More information in: <a href="http://www.omdbapi.com/apikey.aspx">http://www.omdbapi.com/apikey.aspx</a>

## 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: <a href="http://www.omdbapi.com/apikey.aspx">http://www.omdbapi.com/apikey.aspx</a>

**Value**

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

**Author(s)**

Alberto Almuíña

**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 <code>Sys.setenv('API_KEY' = 'XXXXX')</code> . More information in: <a href="http://www.omdbapi.com/apikey.aspx">http://www.omdbapi.com/apikey.aspx</a>

**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 <code>Sys.setenv('API_KEY' = 'XXXXX')</code> . More information in: <a href="http://www.omdbapi.com/apikey.aspx">http://www.omdbapi.com/apikey.aspx</a>

**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

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

### 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**

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

**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: <a href="http://www.omdbapi.com/apikey.aspx">http://www.omdbapi.com/apikey.aspx</a>

### 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: <a href="http://www.omdbapi.com/apikey.aspx">http://www.omdbapi.com/apikey.aspx</a>

### Value

Return a tibble with the movie/series ratings.

### Author(s)

Alberto Almuiña

## Examples

```
## Not run:  
get_omdb_item_ratings(omdb_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' = 'XXXXXX'). More information in: <a href="http://www.omdbapi.com/apikey.aspx">http://www.omdbapi.com/apikey.aspx</a>

## 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

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

## 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(omdb_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	<i>Search OMDb Gif</i>
-----------------	------------------------

---

**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' = 'XXXXXX'). More information in: <a href="http://www.omdbapi.com/apikey.aspx">http://www.omdbapi.com/apikey.aspx</a>

**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' = 'XXXXXX'). More information in: <a href="http://www.omdbapi.com/apikey.aspx">http://www.omdbapi.com/apikey.aspx</a>

### 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)
```

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