

# 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** htr, dplyr, stringr

**RoxygenNote** 6.0.1

**NeedsCompilation** no

**Repository** CRAN

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## R topics documented:

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

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**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 <a href="#">omdb_api_key()</a> & <a href="https://www.patreon.com/bePatron?u=5038490">https://www.patreon.com/bePatron?u=5038490</a> 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.

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

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**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> & <a href="https://www.patreon.com/bePatron?u=5038490">https://www.patreon.com/bePatron?u=5038490</a> 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 | <i>Get actors from an omdb object as a vector</i> |
|------------|---|

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**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"))
```

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|               |  |
|---------------|--|
| 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"))
```

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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"))
```

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|              |                                      |
|--------------|--------------------------------------|
| omdb_api_key | <i>Get or set OMDB_API_KEY value</i> |
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**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 `.Renvi ron` 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

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|                 |                                      |
|-----------------|--------------------------------------|
| search_by_title | <i>Lightweight omdb title search</i> |
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**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 <a href="#">omdb_api_key()</a> & <a href="https://www.patreon.com/bePatron?u=5038490">https://www.patreon.com/bePatron?u=5038490</a> 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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