

Package ‘rbraries’

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Title Interface to the 'Libraries.io' API

Description Interface to the 'Libraries.io' API (<<https://libraries.io/api>>).
'Libraries.io' indexes data from 36 different package managers for programming languages.

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URL <https://docs.ropensci.org/rbraries>,
<https://github.com/ropensci/rbraries>

BugReports <https://github.com/ropensci/rbraries/issues>

Encoding UTF-8

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Imports jsonlite, crul, fauxpas, data.table, tibble

Suggests testthat, vcr

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rbraries-package	<i>Interface to the libraries.io API</i>
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Description

Client for the libraries.io API, a platform for "helping you find new open source libraries, modules and frameworks and keep track of ones you depend upon."

Auth

You need an API key to use this package. Get one by logging in to Libraries.io (they have GitHub login and others), then go to your Settings page, then scroll down to API key section and grab your key.

You can pass the key into function calls, but that's not recommended. Store your key by putting a LIBRARIES_IO_KEY entry in your .Renviro file or similar file like e.g. .zshrc or .bash_profile, etc. We'll grab that key so that you don't have to pass it into each function call.

lio_platforms	<i>Platforms</i>
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Description

Platforms

Usage

```
lio_platforms(key = NULL, ...)
```

Arguments

key	your Libraries.io API key. See Auth section in rbraries manual file. optional
...	curl options passed on to HttpClient

Examples

```
## Not run:
lio_platforms()

## End(Not run)
```

projects	<i>Projects</i>
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Description

Projects

Usage

```
lio_project(platform, name, key = NULL, ...)
```

```
lio_project_dependencies(platform, name, version = "latest", key = NULL, ...)
```

```
lio_project_dependents(  
  platform,  
  name,  
  page = 1,  
  per_page = 30,  
  key = NULL,  
  ...  
)
```

```
lio_project_dependent_repos(  
  platform,  
  name,  
  page = 1,  
  per_page = 30,  
  key = NULL,  
  ...  
)
```

```
lio_project_contribs(platform, name, page = 1, per_page = 30, key = NULL, ...)
```

```
lio_project_sourcerank(platform, name, key = NULL, ...)
```

```
lio_project_search(  
  q = NULL,  
  sort = NULL,  
  languages = NULL,  
  licenses = NULL,  
  keywords = NULL,  
  platforms = NULL,  
  page = 1,  
  per_page = 30,  
  key = NULL,  
  ...  
)
```

Arguments

platform	(character) a platform. required
name	(character) a project name. required
key	your Libraries.io API key. See Auth section in rbraries manual file. optional
...	curl options passed on to HttpClient
version	(character) a version string. optional
page	(integer) page to return. Default: 1
per_page	(integer) number of records to return per page. Maximum: 100. Default: 30
q	(character) a query string. optional
sort	(character) sort by one of rank, stars, dependents_count, dependent_repos_count, latest_release_published_at, contributions_count, or created_at. default: no sorting. optional
languages	(character) a language name. optional
licenses	(character) a license name. optional
keywords	(character) a keyword. optional
platforms	(character) a platform name. optional

Examples

```
## Not run:
# project summary
lio_project('npm', 'grunt')

# dependencies
lio_project_dependencies('npm', 'grunt')
lio_project_dependencies('npm', 'grunt', '1.0.1')

# dependent repositories
lio_project_dependent_repos('npm', 'turf')

# project contributors
lio_project_contribs('npm', 'turf')

# source rank
lio_project_sourcerank('npm', 'turf')

# search
lio_project_search(q = 'grunt', per_page = 3)

## End(Not run)
```

repos	<i>Repositories</i>
-------	---------------------

Description

Repositories

Usage

```
lio_repo(owner, name, key = NULL, ...)
```

```
lio_repo_dependencies(owner, name, key = NULL, ...)
```

```
lio_repo_projects(owner, name, page = 1, per_page = 30, key = NULL, ...)
```

Arguments

owner	(character) a github owner name. required
name	(character) a project name. required
key	your Libraries.io API key. See Auth section in rbraries manual file. optional
...	curl options passed on to HttpClient
page	(integer) page to return. Default: 1
per_page	(integer) number of records to return per page. Maximum: 100. Default: 30

Examples

```
## Not run:  
# repo summary  
lio_repo('ropensci', 'wellknown')  
  
# dependencies  
lio_repo_dependencies('ropensci', 'wellknown')  
lio_repo_dependencies('gruntjs', 'grunt')  
  
# dependents  
lio_repo_projects('gruntjs', 'grunt', per_page = 2)  
  
## End(Not run)
```

 subscriptions

Subscriptions

Description

Subscriptions

Usage

```
lio_subscriptions(key = NULL, ...)
```

```
lio_subscribed(platform, name, key = NULL, ...)
```

```
lio_subscribe(platform, name, include_prerelease = FALSE, key = NULL, ...)
```

```
lio_subscription_update(
  platform,
  name,
  include_prerelease = FALSE,
  key = NULL,
  ...
)
```

```
lio_subscription_delete(platform, name, key = NULL, ...)
```

Arguments

key	your Libraries.io API key. See Auth section in rbraries manual file. optional
...	curl options passed on to HttpClient
platform	(character) a platform. required
name	(character) a project name. required
include_prerelease	(logical) include prerelease? default: FALSE

Examples

```
## Not run:
# authenticated user Libraries.io subscriptions
lio_subscriptions()

# check if you are subscribed to a project
lio_subscribed("rubygems", "webmock")

# subscribe to a project
lio_subscribe(platform = "rubygems", name = "webmock")

# update subscription to a project
```

```

lio_subscription_update("rubygems", "webmock")

# delete subscription to a project
lio_subscription_delete("rubygems", "webmock")

## End(Not run)

```

user

User

Description

User

Usage

```

user_template_fun(route, pg = FALSE)

lio_user(login, key = NULL, ...)

lio_user_repositories(login, page = 1, per_page = 30, key = NULL, ...)

lio_user_pkgs(login, page = 1, per_page = 30, key = NULL, ...)

lio_user_pkg_contributions(login, page = 1, per_page = 30, key = NULL, ...)

lio_user_repo_contributions(login, page = 1, per_page = 30, key = NULL, ...)

lio_user_dependencies(login, page = 1, per_page = 30, key = NULL, ...)

```

Arguments

route, pg	IGNORED.
login	(character) a github login name. required
key	your Libraries.io API key. See Auth section in rbraries manual file. optional
...	curl options passed on to HttpClient
page	(integer) page to return. Default: 1
per_page	(integer) number of records to return per page. Maximum: 100. Default: 30

Examples

```

## Not run:
# user info
lio_user('ropensci')

# repositories
lio_user_repositories('ropensci', per_page = 3)

```

```
# packages/projects
lio_user_pkgs('ropensci', per_page = 3)

# package/project contributions
lio_user_pkg_contributions('sckott', per_page = 3)

# contributions
lio_user_repo_contributions('sckott', per_page = 3)

# dependencies
lio_user_dependencies('ropensci', per_page = 3)

## End(Not run)
```


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