

Package ‘gitear’

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Title Client to the 'gitea' API

Version 1.0.0

Description 'Gitea' is a community managed, lightweight code hosting solution where projects and their respective git repositories can be managed <<https://gitea.io>>. This package gives an interface to the 'Gitea' API to access and manage repositories, issues and organizations directly in R.

Depends R (>= 3.5.0), magrittr

Imports httr, jsonlite, dplyr, tidyr, tibble, stringr, mockery, graphics, Rcpp

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URL <https://ixpantia.github.io/gitear/>

BugReports <https://github.com/ixpantia/gitear/issues>

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add_tracked_time_issue	
	<i>Add tracked time to an issue</i>

Description

Add a tracked time to an issue

Usage

add_tracked_time_issue(base_url, api_key, owner, repo, id_issue, time)

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service
owner	The owner of the repository
repo	The name of the repository
id_issue	Index of the issue to add tracked time to
time	The time in seconds to add to the issue

Examples

```
## Not run:
add_tracked_time_issue(base_url = "https://example.gitea.service.com",
                        api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288",
                        owner = "company",
                        repo = "test_repo",
                        id_issue = 2,
                        time = 15)

## End(Not run)
```

create_comment_issue *Add a comment to an issue*

Description

Add a comment to an issue in a gitea server

Usage

```
create_comment_issue(base_url, api_key, owner, repo, id_issue, body)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service
owner	The owner of the repository
repo	The name of the repository
id_issue	Index of the issue to create a comment
body	The text that is added as a comment to the issue

Examples

```
## Not run:
create_comment_issue(base_url = "https://example.gitea.service.com",
                    api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288",
                    owner = "company",
                    repo = "test_repo",
                    id_issue = 2,
                    body = "my first comment on this issue")

## End(Not run)
```

create_issue	Create a new issue
--------------	--------------------

Description

Create an new issue in a specific repository

Usage

```
create_issue(base_url, api_key, owner, repo, title, body)
```

Arguments

base_url	URL prefix for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service
owner	The owner of the repository
repo	The name of the repository
title	The title of the issue
body	The body text of the issue

Value

list with results of the new issue

Examples

```
## Not run:
create_issue(base_url = "https://example.gitea.service.com",
            api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288",
            owner = "company",
            repo = "test_repo",
            title = "Perform clean code task",
            body = "Perform in an orderly manner and document steps")

## End(Not run)
```

edit_comment	<i>Edit a comment</i>
--------------	-----------------------

Description

Edit a comment in a specific issue

Usage

```
edit_comment(base_url, api_key, owner, repo, id_comment, body)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service
owner	The owner of the repository
repo	The name of the repository
id_comment	Id of the comment to edit
body	The text to replace the old comment

Examples

```
## Not run:
edit_comment(base_url = "https://example.gitea.service.com",
             api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288",
             owner = "company",
             repo = "test_repo",
             id_comment = 612,
             body = "This is the correction of my comment")

## End(Not run)
```

edit_issue	<i>Edit an issue</i>
------------	----------------------

Description

Edit an issue

Usage

```
edit_issue(base_url, api_key, owner, repo, id_issue, title, body, state)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service
owner	The owner of the repo
repo	The name of the repo
id_issue	Index of the issue to edit
title	The new issue title text
body	The new issue body text
state	The issue state

Examples

```
## Not run:
edit_issue(base_url = "https://example.gitea.service.com",
           api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288",
           owner = "company",
           repo = "test_repo",
           id_issue = 3,
           title = "My new title for this issue",
           body = "My new comment starts on this issue",
           state = "open")

## End(Not run)
```

get_admin_organizations

Returns organizations for an administrator user

Description

Returns the list of organizations for a user with an administrator role

Usage

```
get_admin_organizations(base_url, api_key)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service

Details

This function works only in the case that the 'api_key' is associated with a user with administrator role

Examples

```
## Not run:
get_admin_organizations(base_url = "https://example.gitea.service.com",
                        api_key = "b6026f861fd41a94c3389d54293de9d04bde6f7c")

## End(Not run)
```

get_an_organization	Returns an organization
---------------------	-------------------------

Description

Get information from an organization

Usage

```
get_an_organization(base_url, api_key, org)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service
org	Name of the organization

Examples

```
## Not run:
get_an_organization(base_url = "https://example.gitea.service.com",
                    api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288",
                    org = "company")

## End(Not run)
```

get_branches	Returns the branches of a repository
--------------	--------------------------------------

Description

Returns branches in a specific repository

Usage

```
get_branches(base_url, api_key, owner, repo)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service
owner	The owner of the repository
repo	The name of the repository

Examples

```
## Not run:
get_branches(base_url = "https://example.gitea.service.com",
             api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288",
             owner = "company",
             repo = "test_repo")

## End(Not run)
```

get_commits	<i>Returns repository commits</i>
-------------	-----------------------------------

Description

Returns the repository commits of a Gitea application

Usage

```
get_commits(base_url, api_key, owner, repo)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service
owner	The owner of the repository
repo	The name of the repository

Examples

```
## Not run:
get_commits(base_url = "https://example.gitea.service.com",
            api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288",
            owner = "company",
            repo = "test_repo")

## End(Not run)
```

get_forks	Returns the forks of a repository
-----------	-----------------------------------

Description

Returns forks in a specific repository

Usage

```
get_forks(base_url, api_key, owner, repo)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service
owner	The owner of the repository
repo	The name of the repository

Examples

```
## Not run:  
get_forks(base_url = "https://example.gitea.service.com",  
          api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288",  
          owner = "company",  
          repo = "test_repo")  
  
## End(Not run)
```

get_issues	Returns open issues from an specific repository
------------	---

Description

Returns open issues in an specific repository

Usage

```
get_issues(base_url, api_key, owner, repo, full_info = FALSE)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service
owner	The owner of the repository
repo	The name of the repository
full_info	TRUE or FALSE value. If FALSE this will select specific columns from the issues data

get_issues_open_state *Returns the repository issues in open state*

Description

Returns the issues in open state of a repository

Usage

```
get_issues_open_state(base_url, api_key, owner, repo)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service
owner	The owner of the repository
repo	The name of the repository

Examples

```
## Not run:
get_issues_open_state (base_url = "https://example.gitea.service.com",
                      api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288",
                      owner = "company",
                      repo = "test_repo")

## End(Not run)
```

get_label_issue *Returns an issue's labels*

Description

Returns an issue's labels

Usage

```
get_label_issue(base_url, api_key, owner, repo, id_issue)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service
owner	The owner of the repository
repo	The name of the repository
id_issue	Index of the issue

Examples

```
## Not run:
get_label_issue(base_url = "https://example.gitea.service.com",
                api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288",
                owner = "company",
                repo = "test_repo",
                id_issue = 3)

## End(Not run)
```

get_list_comments_issue

Returns all comments on an issue

Description

Returns a list of all comments on an issue

Usage

```
get_list_comments_issue(base_url, api_key, owner, repo, id_issue)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service
owner	The owner of the repository
repo	The name of the repository
id_issue	Index of the issue to get comments

Examples

```
## Not run:
get_list_comments_issue(base_url = "https://example.gitea.service.com",
                        api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288",
                        owner = "company",
                        repo = "test_repo",
                        id_issue = 3)

## End(Not run)
```

get_list_comments_repository
Returns all comments in a repository

Description

Returns a list of all comments in a repository

Usage

```
get_list_comments_repository(base_url, api_key, owner, repo)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service
owner	The owner of the repository
repo	The name of the repository

Examples

```
## Not run:  
get_list_comments_repository(base_url = "https://example.gitea.service.com",  
                             api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288",  
                             owner = "company",  
                             repo = "test_repo")  
  
## End(Not run)
```

get_list_org_members *Returns organization's members*

Description

List an organization's members

Usage

```
get_list_org_members(base_url, api_key, org)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service
org	Name of the organization

Examples

```
## Not run:
get_list_org_members(base_url = "https://example.gitea.service.com",
                     api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288",
                     org = "company")

## End(Not run)
```

get_list_org_teams	Returns organization's teams
--------------------	------------------------------

Description

Get organization's teams

Usage

```
get_list_org_teams(base_url, api_key, org)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service
org	Name of the organization

Examples

```
## Not run:
get_list_org_teams(base_url = "https://example.gitea.service.com",
                  api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288",
                  org = "company")

## End(Not run)
```

get_list_repos_org	Returns organization's repositories
--------------------	-------------------------------------

Description

Get a list of an organization's repositories

Usage

```
get_list_repos_org(base_url, api_key, org)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service
org	Name of the organization

Examples

```
## Not run:
get_list_repos_org(base_url = "https://example.gitea.service.com",
                  api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288",
                  org = "company")

## End(Not run)
```

get_list_users	<i>Returns users of a gitea server</i>
----------------	--

Description

User list for a gitea server

Usage

```
get_list_users(base_url, api_key)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service

Examples

```
## Not run:
get_list_users(base_url = "https://example.gitea.service.com",
              api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288")

## End(Not run)
```

get_milestones	Returns open milestones of a repository
----------------	---

Description

Returns open milestones in a specific repository

Usage

```
get_milestones(base_url, api_key, owner, repo)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service
owner	The owner of the repository
repo	The name of the repository

Examples

```
## Not run:
get_milestones(base_url = "https://example.gitea.service.com",
               api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288",
               owner = "company",
               repo = "test_repo")

## End(Not run)
```

get_organizations	Returns organizations of the user
-------------------	-----------------------------------

Description

Returns list the current user's organizations

Usage

```
get_organizations(base_url, api_key)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service

Examples

```
## Not run:
get_organizations(base_url = "https://example.gitea.service.com",
                  api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288")

## End(Not run)
```

get_org_hook	Returns a hook
--------------	----------------

Description

Get a hook information of a organizations

Usage

```
get_org_hook(base_url, api_key, org, id_hook)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service
org	Name of the organization
id_hook	Id of the hook to get information

Examples

```
## Not run:
get_org_hook(base_url = "https://example.gitea.service.com",
              api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288",
              org = "company",
              id_hook = 2)

## End(Not run)
```

get_org_list_hooks	Returns organization's webhooks
--------------------	---------------------------------

Description

Returns a list of organization's webhooks

Usage

```
get_org_list_hooks(base_url, api_key, org)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service
org	Name of the organization

Examples

```
## Not run:
get_org_list_hooks(base_url = "https://example.gitea.service.com",
                   api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288",
                   org = "company")

## End(Not run)
```

get_pull_requests	<i>Returns pull requests of a repository</i>
-------------------	--

Description

Returns open and closed pull requests in a specific repository

Usage

```
get_pull_requests(base_url, api_key, owner, repo)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service
owner	The owner of the repository
repo	The name of the repository

Examples

```
## Not run:
get_pull_requests(base_url = "https://example.gitea.service.com",
                  api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288",
                  owner = "company",
                  repo = "test_repo")

## End(Not run)
```

get_releases	Returns releases of a repository
--------------	----------------------------------

Description

Returns releases in a specific repository

Usage

```
get_releases(base_url, api_key, owner, repo)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service
owner	The owner of the repository
repo	The name of the repository

Examples

```
## Not run:
get_releases(base_url = "https://example.gitea.service.com",
             api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288",
             owner = "company",
             repo = "test_repo")

## End(Not run)
```

get_repositories	Returns repositories of a gitea service
------------------	---

Description

Returns the repositories of the Gitea application

Usage

```
get_repositories(base_url, api_key)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service

Examples

```
## Not run:
get_repositories(base_url = "https://example.gitea.service.com",
                 api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288")

## End(Not run)
```

get_times_issue	<i>Returns issue's tracked times</i>
-----------------	--------------------------------------

Description

Returns a data frame of an issue's tracked times

Usage

```
get_times_issue(base_url, api_key, owner, repo, id_issue)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service
owner	The owner of the repository
repo	The name of the repository
id_issue	Index of the issue

Examples

```
## Not run:
get_times_issue(base_url = "https://example.gitea.service.com",
                 api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288",
                 owner = "company",
                 repo = "test_repo",
                 id_issue = 3)

## End(Not run)
```

get_version	Returns gitea service version
-------------	-------------------------------

Description

Returns the version of the Gitea application

Usage

```
get_version(base_url, api_key)
```

Arguments

base_url	The base URL for your gitea server (no trailing '/')
api_key	The user's API token key for the gitea service

Examples

```
## Not run:  
get_version(base_url = "https://example.gitea.service.com",  
            api_key = "ccaf5c9a22e854856d0c5b1b96c81e851bafb288")  
  
## End(Not run)
```

gitear	<i>gitear package</i>
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Description

'Gitea' is a community managed, lightweight code hosting solution where projects and their respective git repositories can be managed access and manage repositories, issues and organizations directly in R.

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