

# Package ‘rtodoist’

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**Title** Create and Manage Todolist using 'Todoist.com' API

**Version** 0.1.0

**Description** Allows you to interact with the API of the ``Todoist" platform.  
"Todoist" <<https://todoist.com/>> provides an online task manager service for teams.

**License** MIT + file LICENSE

**Depends** R (>= 3.5.0)

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utils

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**BugReports** <https://github.com/ThinkR-open/rtodoist/issues>

**NeedsCompilation** no

**Author** Cervan Girard [cre, aut] (ORCID:  
<<https://orcid.org/0000-0002-4816-4624>>),  
Vincent Guyader [aut] (ORCID: <<https://orcid.org/0000-0003-0671-9270>>),  
ThinkR [cph, fnd]

**Maintainer** Cervan Girard <cervan@thinkr.fr>

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---

|             |                          |
|-------------|--------------------------|
| add_project | <i>Add a new project</i> |
|-------------|--------------------------|

---

**Description**

Add a new project

**Usage**

add\_project(project\_name, verbose = TRUE, token = get\_todoist\_api\_token())

**Arguments**

|              |                         |
|--------------|-------------------------|
| project_name | name of the new project |
| verbose      | make it talk            |
| token        | token                   |

**Value**

id of the new project

**Examples**

```
## Not run:  
add_project("my_proj")  
  
## End(Not run)
```

---

add\_responsible\_to\_task      *Add responsible to a task*

---

### Description

Add responsible to a task

### Usage

```
add_responsible_to_task(  
    project_id,  
    add_responsible,  
    task,  
    verbose,  
    token = get_todoist_api_token()  
)
```

### Arguments

|                 |                                    |
|-----------------|------------------------------------|
| project_id      | id of the project                  |
| add_responsible | add someone to this task with mail |
| task            | the full name of the task          |
| verbose         | make the function verbose          |
| token           | token                              |

### Value

http request

---

add\_tasks\_in\_project      *Add a list of tasks*

---

### Description

Add a list of tasks

**Usage**

```
add_tasks_in_project(  
  project_id,  
  tasks_list,  
  try_again = 3,  
  time_try_again = 3,  
  verbose = TRUE,  
  responsible = NULL,  
  token = get_todoist_api_token()  
)
```

**Arguments**

|                |                         |
|----------------|-------------------------|
| project_id     | id of project           |
| tasks_list     | list of tasks           |
| try_again      | start again the request |
| time_try_again | number of tries         |
| verbose        | make it talk            |
| responsible    | add people in project   |
| token          | token                   |

**Value**

id of project (character vector)

**See Also**

[add\_task\_in\_project()]

**Examples**

```
## Not run:  
add_project("my_proj") %>%  
  add_tasks_in_project(list("First task", "Second task"))  
  
## End(Not run)
```

---

|                     |                            |
|---------------------|----------------------------|
| add_task_in_project | <i>Add task in project</i> |
|---------------------|----------------------------|

---

**Description**

To work, it needs a project id.

**Usage**

```
add_task_in_project(  
    project_id,  
    task,  
    try_again = 3,  
    time_try_again = 3,  
    verbose = TRUE,  
    responsible = NULL,  
    token = get_todoist_api_token(),  
    exiting_tasks = get_tasks(token = token)  
)
```

**Arguments**

|                |                                                                                       |
|----------------|---------------------------------------------------------------------------------------|
| project_id     | id of a project                                                                       |
| task           | a task                                                                                |
| try_again      | start again the request                                                               |
| time_try_again | number of tries                                                                       |
| verbose        | make it talk                                                                          |
| responsible    | add people in project with email. To know user email, use <a href="#">get_users</a> . |
| token          | token                                                                                 |
| exiting_tasks  | list of tasks already in the project                                                  |

**Value**

project id

**Examples**

```
## Not run:  
add_project("my_proj") %>%  
  add_task_in_project("Add tasks")  
  
## End(Not run)
```

---

add\_users\_in\_project    *Add a list of users*

---

**Description**

Add a list of users

**Usage**

```
add_users_in_project(  
  project_id,  
  list_of_users,  
  verbose = TRUE,  
  token = get_todoist_api_token()  
)
```

**Arguments**

|               |               |
|---------------|---------------|
| project_id    | id of project |
| list_of_users | list of mails |
| verbose       | make it talk  |
| token         | token         |

**Value**

id of project (character vector)

---

|                     |                     |
|---------------------|---------------------|
| add_user_in_project | <i>Add one user</i> |
|---------------------|---------------------|

---

**Description**

Add one user

**Usage**

```
add_user_in_project(  
  project_id,  
  mail,  
  verbose = TRUE,  
  token = get_todoist_api_token()  
)
```

**Arguments**

|            |                  |
|------------|------------------|
| project_id | id of project    |
| mail       | mail of the user |
| verbose    | make it talk     |
| token      | token            |

**Value**

id of project (character vector)

**Examples**

```
## Not run:
get_id_project("test") %>%
  add_user_in_project("jean@mail.fr")

## End(Not run)
```

---

ask\_todoist\_api\_token *Pop-up to save the token*

---

**Description**

Pop-up to save the token

**Usage**

```
ask_todoist_api_token(msg = "Register Todoist Api Token")
```

**Arguments**

msg                      message to print in the pop-up

**Value**

password (character vector)

---

call\_api                      *Call the good version of API*

---

**Description**

Call the good version of API

**Usage**

```
call_api(...)
```

**Arguments**

...                      any params of POST request

**Value**

list

---

|                          |                                 |
|--------------------------|---------------------------------|
| delete_todoist_api_token | <i>Delete todoist api token</i> |
|--------------------------|---------------------------------|

---

**Description**

Delete todoist api token

**Usage**

```
delete_todoist_api_token()
```

**Value**

nothing, delete the api token

---

|         |                                      |
|---------|--------------------------------------|
| get_all | <i>Get all objects inside a list</i> |
|---------|--------------------------------------|

---

**Description**

Collect all the objects in a list. This allows you to explore your to-do list.

**Usage**

```
get_all(token = get_todoist_api_token())
```

**Arguments**

|       |       |
|-------|-------|
| token | token |
|-------|-------|

**Value**

list of all objects

**Examples**

```
## Not run:  
# Set API key first  
set_todoist_api_token()  
# Get all objects  
objects <- get_all()  
  
## End(Not run)
```



---

|                |                          |
|----------------|--------------------------|
| get_id_project | <i>Get id of project</i> |
|----------------|--------------------------|

---

**Description**

This function gives you the id of a project by name, which is useful for adding tasks or people to the project.

**Usage**

```
get_id_project(object, project_name)
```

**Arguments**

|              |                        |
|--------------|------------------------|
| object       | result of get_projects |
| project_name | name of the project    |

**Value**

id of project (character vector)

**Examples**

```
## Not run:  
get_projects() %>%  
  get_id_project("test")  
  
## End(Not run)
```

---

|              |                         |
|--------------|-------------------------|
| get_projects | <i>List of projects</i> |
|--------------|-------------------------|

---

**Description**

List of projects

**Usage**

```
get_projects(token = get_todoist_api_token())
```

**Arguments**

|       |       |
|-------|-------|
| token | token |
|-------|-------|

**Value**

list of all projects

**Examples**

```
## Not run:  
# Set API key first  
set_todoist_api_token()  
# Get all projects  
projects <- get_projects()  
  
## End(Not run)
```

---

`get_tasks`*List of tasks*

---

**Description**

List of tasks

**Usage**

```
get_tasks(token = get_todoist_api_token())
```

**Arguments**

token                      token

**Value**

list of all tasks

**Examples**

```
## Not run:  
# Set API key first  
set_todoist_api_token()  
# Get all tasks  
tasks <- get_tasks()  
  
## End(Not run)
```

---

|                       |                                    |
|-----------------------|------------------------------------|
| get_todoist_api_token | <i>Get token stored by keyring</i> |
|-----------------------|------------------------------------|

---

**Description**

Return the todoist API token. If this is the first time, you will need to setup your token.

**Usage**

```
get_todoist_api_token(ask = TRUE)
```

**Arguments**

|     |                                      |
|-----|--------------------------------------|
| ask | booleen do we have to ask if missing |
|-----|--------------------------------------|

**Value**

token (character vector)

**Examples**

```
## Not run:  
get_todoist_api_token()  
  
## End(Not run)
```

---

|           |                  |
|-----------|------------------|
| get_users | <i>Get users</i> |
|-----------|------------------|

---

**Description**

Get a tibble with emails and ids of users

**Usage**

```
get_users(token = get_todoist_api_token())
```

**Arguments**

|       |       |
|-------|-------|
| token | token |
|-------|-------|

**Value**

tibble of users

Examples

```
## Not run:
get_users()

## End(Not run)
```

---

|             |                    |
|-------------|--------------------|
| get_user_id | <i>Get user id</i> |
|-------------|--------------------|

---

Description

Get user id

Usage

```
get_user_id(mail, token = get_todoist_api_token())
```

Arguments

|       |                    |
|-------|--------------------|
| mail  | mail of the person |
| token | token              |

Value

id of user

---

|              |                     |
|--------------|---------------------|
| init_project | <i>Init project</i> |
|--------------|---------------------|

---

Description

Create a project with a specific to-do list for different people

Usage

```
init_project(
  project_id,
  tasks_list,
  try_again = 3,
  time_try_again = 3,
  verbose = TRUE,
  responsible = NULL,
  token = get_todoist_api_token()
)
```

```
init_presta(  
    project_id,  
    tasks_list = list("Reunions", "Proposition - Devis", "Gestion projet", "Code",  
        "S'assurer d'avoir un nom de projet coherent avec Slack",  
        "S'assigner et mettre des dates sur certaines taches pour pas les oublier",  
        "Facturer", "Rediger la reference de la mission dans {reference}", "Paye"),  
    try_again = 3,  
    time_try_again = 3,  
    verbose = TRUE,  
    responsable = NULL,  
    token = get_todoist_api_token()  
)  
  
init_presta_admin(  
    project_id,  
    tasks_list = list("Facturer", "Etre Pay\\u00E9"),  
    try_again = 3,  
    time_try_again = 3,  
    verbose = TRUE,  
    responsable = NULL,  
    token = get_todoist_api_token()  
)  
  
init_presta_manager(  
    project_id,  
    tasks_list = list("Proposition - Devis", "Gestion projet",  
        "S'assurer d'avoir un nom de projet coherent avec Slack",  
        "S'assigner et mettre des dates sur certaines taches pour pas les oublier",  
        "Rediger la reference de la mission dans {reference}"),  
    try_again = 3,  
    time_try_again = 3,  
    verbose = TRUE,  
    responsable = NULL,  
    token = get_todoist_api_token()  
)  
  
init_forma_formateur(  
    project_id,  
    tasks_list = list("f_S'assurer d'avoir logistique OK",  
        "f_Cr\\u00E9er le contenu de la formation", "f_Imprimer des feuilles d'emargement",  
        "f_S'assurer d'avoir son materiel complet", "f_Remplir notes de frais",  
        "f_Scanner feuille d'emargement", "f_transferer feuille d'emargement"),  
    try_again = 3,  
    time_try_again = 3,  
    verbose = TRUE,  
    responsable = NULL,  
    token = get_todoist_api_token()  
)
```

```

init_forma_manager(
    project_id,
    tasks_list = list("Envoi du devis + contenu",
        "Assigner au formateur les taches du formateur", "Etre Pay\\u00E9"),
    try_again = 3,
    time_try_again = 3,
    verbose = TRUE,
    responsable = NULL,
    token = get_todoist_api_token()
)

init_inter(
    project_id,
    tasks_list = list("S'assurer d'avoir un nom de projet coherent avec Slack",
        "S'assigner et mettre des dates sur certaines taches pour pas les oublier",
        "Envoyer les questionnaires", "Envoi du devis + contenu",
        "Envoi des conventions de formation", "Envoi des convocations",
        "Creer le contenu de la formation", "Reserver salle",
        "Envoi des liens d'installations", "Imprimer des feuilles d'emargement",
        "S'assurer d'avoir son materiel complet", "Reserver Resto",
        "Remplir ses notes de frais", "Scanner la feuille d'emargement",
        "Enregistrer son temps de formation dans Toggl",
        "Envoyer le questionnaire de satisfaction",
        "Envoyer questionnaire de satisfaction a froid", "Facturer", "Paye"),
    try_again = 3,
    time_try_again = 3,
    verbose = TRUE,
    token = get_todoist_api_token()
)

init_forma_admin(
    project_id,
    tasks_list = list("recevoir nom/prenom et mail des stagiaires",
        "envoyer test de pr\\u00E9\\u00E9valuation",
        "mettre les echeances aux taches suivantes", "envoyer convention",
        "v\\u00E9rifier retour convention",
        "s'assurer que la logistique du formateur est OK",
        "envoyer convocation aux stagiaires", "upload feuille emmargement",
        "envoyer facture", "verifier que la facture est bien dans le bon projet axonaut",
        "envoyer attestation", "envoyer evaluation a chaud",
        "plannifier l'evaluation a froid", "verifie retour eval a cahud",
        "verifie retour eval \\u00E0 froid",
        "mail retour de qualit\\u00E9 + audt besoin"),
    try_again = 3,
    time_try_again = 3,
    verbose = TRUE,
    responsable = NULL,

```

```
    token = get_todoist_api_token()
  )
```

**Arguments**

|                |                            |
|----------------|----------------------------|
| project_id     | id of project              |
| tasks_list     | lists of tasks             |
| try_again      | try again the http request |
| time_try_again | number of tries            |
| verbose        | make the function verbose  |
| responsible    | add people in project      |
| token          | token                      |

**Value**

id of project (character vector)

---

open\_todoist\_website\_profile  
*Open todoist website*

---

**Description**

Open todoist website

**Usage**

```
open_todoist_website_profile(verbose = TRUE)
```

**Arguments**

|         |              |
|---------|--------------|
| verbose | make it talk |
|---------|--------------|

**Value**

open integration webpage from todoist website

**Examples**

```
open_todoist_website_profile()
```

---

|            |                   |
|------------|-------------------|
| random_key | <i>Random key</i> |
|------------|-------------------|

---

**Description**

Random key

**Usage**

```
random_key()
```

**Value**

key

random key generate with digest

---

|                       |                              |
|-----------------------|------------------------------|
| set_todoist_api_token | <i>Set todoist API token</i> |
|-----------------------|------------------------------|

---

**Description**

This function use keyring to store your token from your todoist profile. To find your token from todoist website, use [open\\_todoist\\_website\\_profile](#)

**Usage**

```
set_todoist_api_token(token)
```

**Arguments**

|       |                   |
|-------|-------------------|
| token | todoist API token |
|-------|-------------------|

**Value**

token



---

update\_todoist\_api\_token

*Update Todoist Api Token*

---

**Description**

Remove the old token and register a new one.

**Usage**

update\_todoist\_api\_token()

**Value**

nothing, storing your token

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