# Package 'repello'

October 14, 2022

**Title** Reports from Trello in R

**Version** 1.0.1

**Description** Creates reports from Trello, a collaborative, project organization
and list-making application. <https://trello.com/>
Reports are created by comparing individual Trello board
cards from two different points in time and documenting any changes made
to the cards.

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 7.1.1.9000

**Depends** R (>= 3.5.0), httr, dplyr, stringr

**Suggests** rmarkdown, knitr, kableExtra

**VignetteBuilder** knitr

**URL** <https://github.com/thomasgstewart/repello>

**BugReports** <https://github.com/thomasgstewart/repello/issues>

**NeedsCompilation** no

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**Repository** CRAN

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all_checklists              *All Checklists*

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### Description

This function allows you to obtain checklists and card info for all cards on a chosen board.

### Usage

```
all_checklists(board_name, save = FALSE)
```

### Arguments

| | |
|---|---|
| board_name | The name of the board you want to browse. |
| save | Set to TRUE to save a copy of the card information list. |

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cards_info              *Get Cards Information*

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### Description

This function allows you to obtain the cards and the date of most recent modification for the cards on a specified board.

### Usage

```
cards_info(board_id)
```

### Arguments

| | |
|---|---|
| board_id | The ID of the board you want to browse. |

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check_new_tasks *Check New Tasks*

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### Description

This function allows you to compare checklists for new items and completions.

### Usage

```
check_new_tasks(list1, list2)
```

### Arguments

| | |
|---|---|
| list1 | A checklist for a Trello card. |
| list2 | A more recent checklist for the same card. |

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compare_checklists *Compare Checklists*

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### Description

This function compares checklists for all items in a list of lists.

### Usage

```
compare_checklists(old_list, new_list)
```

### Arguments

| | |
|---|---|
| old_list | A prior list of Trello activities. |
| new_list | A more recent list of Trello activities. |

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get_board_id *Get Board ID*

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### Description

This function allows you to obtain the ID of the Trello board you want to view.

### Usage

```
get_board_id(board_name)
```

### Arguments

| | |
|---|---|
| board_name | The name of the board you want to browse. |

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get_checklist                    *Get Checklist*

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### Description

This function allows you to obtain a checklist for a card of interest.

### Usage

```
get_checklist(board_id, card_name)
```

### Arguments

| | |
|---|---|
| board_id | The ID of the board you want to browse. |
| card_name | The name of the card you want to view |

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set_key_token                    *Set Key-Token*

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### Description

This function allows you to set the user key and token for API calls. You can either link to text files which contain the key and token, or you can leave the arguments blank and manually input the key and token when prompted

### Usage

```
set_key_token(key_file = NULL, token_file = NULL, path = getwd())
```

### Arguments

| | |
|---|---|
| key_file | The name of the file which contains the Trello key |
| token_file | The name of the file which contains the user token |
| path | The path to the location of the user token file |

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trello_updates *Trello Updates*

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### Description

This function allows you to check for updates to all cards on a Trello board, comparing to a prior board setting.

### Usage

```
trello_updates(board_name, prior = FALSE, recent = FALSE, save = FALSE)
```

### Arguments

board_name      The name of the board you want to browse.

prior           The name of the prior Trello list you want to compare to. Defaults to most recently saved Trello object prior to current save.

recent          The name of the Trello board to compare to a prior Trello object. By default will use current object grab as most recent object.

save            Set to TRUE to save a copy of the current Trello object.

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