

Package: teamr (via r-universe)

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Title Send Formatted Messages, Images and Objects to Microsoft 'Teams'

Version 0.0.1

URL <https://github.com/wwwjk366/teamr>

BugReports <https://github.com/wwwjk366/teamr/issues>

Description Package of wrapper functions using R6 class to send requests to Microsoft 'Teams' <https://products.office.com/en-us/microsoft-teams/group-chat-software> through webhooks. When you need to share information or data from R to 'Teams', rather than copying/pasting, you can use this package to send well-formatted output from multiple R objects.

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Encoding UTF-8

LazyData true

Imports httr, jsonlite, R6

Roxygen list(markdown = TRUE)

RoxygenNote 6.1.1

Repository <https://wwwjk366.r-universe.dev>

RemoteUrl <https://github.com/wwwjk366/teamr>

RemoteRef HEAD

RemoteSha f851b84defebbac73372722f8720b1eddf73849b

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action_card *Create a action_card Structure With teamr*

Description

action_card creates a potentialAction object which can be added to connector_card.

Usage

```
# ac <- action_card$new(type = "ActionCard", name = "Add comment")
```

Format

An [R6Class](#) generator object

Details

Assemble action_card objects into a action_card structure and use the methods to append, modify or send your card to the webhook specified.

Methods

```
action_card$new(type, name) Creates a new action_card.
add_text_inputs(id, title, is_multiline) Add TextInput to your action_card.
add_date_inputs(id, title) Add DateInput to your action_card.
add_mchoice_inputs(id, title, is_multi_select) Add MultichoiceInput to your action_card.
dump() Dump current payload
```

Properties

payload R list of payloads(will be parsed into json)[POST](#)

Examples

```
## Not run:
library(teamr)

cc <- connector_card$new(hookurl = "https://outlook.office.com/webhook/...")
cc$text("Of on affixed civilly moments promise explain")
pa <- action_card$new(type = "ActionCard", name = "Add comment")
pa$add_actions()
pa$add_text_inputs(id = "comment", title = "Add comment for this task", is_multi_line = TRUE)
cc$add_potential_action(pa)
cc$send()

## End(Not run)
```

`card_section`*Create a card_section Structure With teamr*

Description

`card_section` creates an `Section` object which can be added to `connector_card`.

Usage

```
# sec <- card_section$new()
```

Format

An [R6Class](#) generator object

Details

Assemble `card_section` objects into a `action_card` structure and use the methods to append, modify or send your card to the webhook specified.

Methods

`card_section$new()` Creates a new `card_section`.

`text(sec_text)` Change the text field of the section.

`title(sec_title)` Change the title field of the section.

`activity_title(sec_activity_title)` Change the title field of the section.

`activity_sub_title(sec_activity_subtitle)` Change the subtitle field of the section.

`activity_image(sec_activity_image)` Change the image field of the section.

`activity_text(sec_activitiy_text)` Change the text field of the section.

`add_fact(fname, fvalue)` Add fact object to section.

`add_link_button(btext, burl)` Add button with links.

`add_image(sec_image, sec_title)` Change webhook address.

`print()` Print out the current payload.

`dump()` Dump current payload.

Properties

`payload` R list of payloads(will be parsed into json)[POST](#)

Examples

```
## Not run:
library(teamr)

cc <- connector_card$new(hookurl = "https://outlook.office.com/webhook/...")
cc$text("Of on affixed civilly moments promise explain")
sec$text("2018-19 Finals MVP")
sec$activity_sub_title("Kawhi Leonard")
sec$add_fact("Position", "Forward")
sec$title("Player Info")
sec$add_image(sec_image = "https://....jpg", sec_title = "so funny")
sec$activity_image("https://....jpg")
sec$activity_title("Activity Title")
sec$activity_sub_title("Activity Subtitle")
sec$activity_text("Activity text")
cc$add_section(new_section = sec)
cc$print()
cc$send()

## End(Not run)
```

connector_card

Create a connector_card Structure With teamr

Description

connector_card is at the very heart of the teamr package.

Usage

```
# cc <- connector_card$new("https://outlook.office.com....")
```

Format

An [R6Class](#) generator object

Details

Assemble connector_card objects into a connector_card structure and use the methods to append, modify or send your card to the webhook specified.

Methods

```
connector_card$new(hookurl, proxies, http_timeout) Creates a new connector_card.
text(mtext) Change the text field of the card
title(mttitle) Change the title field of the card
summary(msummary) Change the summary field of the card.
```

color(mcolor) Change the default theme color.
add_link_button(btext, burl) Add button with links.
newhook(nurl) Change webhook address.
print() Print out the current hookurl and payload
send() Send connector_card to specified Microsoft Teams incoming webhook URL.

Properties

hookurl Microsoft Teams incoming webhooks url.
payload R list of payloads(will be parsed into json)**POST**
proxies Proxy objects from [use_proxy](#)
http_timeout Timeout of the HTTP request. Default to 3 seconds.[timeout](#)

Examples

```
## Not run:  
library(teamr)  
  
cc <- connector_card$new(hookurl = "https://outlook.office.com/webhook/...")  
#' cc$text("Of on affixed civilly moments promise explain")  
cc$title("This is a title")  
cc$summary("This is a summary")  
cc$add_link_button("This is the button Text", "https://github.com/wwwjk366/teamr")  
cc$color("#008000")  
cc$print()  
cc$send()  
  
## End(Not run)
```

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