Package 'teamr'

October 14, 2022

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

RoxygenNote 6.1.1

NeedsCompilation no

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Repository CRAN

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R topics documented:

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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)
```

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connector_card   *Create a* connector_card *Structure With* teamr

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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(mtitle) 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 incomeing 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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