Package ‘teamr’

July 18, 2019

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.
License  MIT + file LICENSE
Encoding  UTF-8
LazyData  true
Imports  httr, jsonlite, R6
RoxygenNote  6.1.1
NeedsCompilation  no
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Repository  CRAN
Date/Publication  2019-07-18 16:40:02 UTC

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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)
Description

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

Usage

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

Format

An `R6Class` generator object

Details

Assemble `card_section` objects into an `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_activity_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)
connector_card

Examples

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

cc <- connector_card$new(hookurl = "https://outlook.office.com/webhook/...")
cc$text("Of on affixed civilly moments promise explain")
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

Description

connector_card is at the very heart of the teamr package.

Usage

```r
# 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

```r
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.
```
**connector_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.

**Examples**

```r
## 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)
```