Package 'twilio'

October 14, 2022

Type Package

Title An Interface to the Twilio API for R

Version 0.1.0

Description The Twilio web service provides an API for computer programs
to interact with telephony. The included functions wrap the SMS and MMS
portions of Twilio's API, allowing users to send and receive text messages
from R. See <https://www.twilio.com/docs/> for more information.

Depends R (>= 3.1.0)

Imports purrr, httr, jsonlite, magrittr, lubridate

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URL http://github.com/seankross/twilio

Encoding UTF-8

LazyData true

RoxygenNote 5.0.1

Suggests testthat

NeedsCompilation no

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Repository CRAN

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R topics documented:

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tw_get_messages_list   *Get List of Messages Sent and Received from Your Account*

Description

Retrieves a list of Twilio SMS and MMS messages sent and receieved from your account.

Usage

```
tw_get_messages_list(page = 0, page_size = 50)
```

Arguments

page	The page number of the list you would like to retrieve. Starts at zero.
page_size	The number of messages per page. The maximum number allowed is 1000.

Value

A `twilio_messages_list` object.

Examples

```
## Not run:

# Set API credentials
# You only need to do this once per R session
Sys.setenv(TWILIO_SID = "M9W4Ozq8BFX94w5St5hikg7UV0lPpH8e56")
Sys.setenv(TWILIO_TOKEN = "483H9lE05V0Jr362eq1814Li2N1I424t")

# Get messages sent to your account
messages <- tw_get_messages_list()


## End(Not run)
```

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tw_get_message_media   *Get Media from a Message*

Description

Media items that are attached to MMS messages, including photos and videos are stored by Twilio.
This function returns a list of `twilio_media` objects, one for each piece of media in an MMS. Each
object contains information about that piece of media including its URL, Media SID, and content
type.

Usage

```
tw_get_message_media(message_sid)
```

Arguments

message_sid   An SID for a message that contains media.

Value

A list containing media information.

Examples

```
## Not run:

# Set API credentials
# You only need to do this once per R session
Sys.setenv(TWILIO_SID = "M9W4Ozq8BFX94w5St5hikg7UV0lPpH8e56")
Sys.setenv(TWILIO_TOKEN = "483H9lE05V0Jr362eq1814Li2N1I424t")

# Get media information from a message
tw_get_message_media("MMo8Jw86Lj6422NzWgb8QxXlD5c45U100v")


## End(Not run)
```

---

tw_message_tbl   *Make a Data Frame from a Messages List*

Description

Useful for turning a `twilio_messages_list` into a tidy data set.

Usage

```
tw_message_tbl(messages_list)
```

Arguments

messages_list   An S3 object with the class `twilio_messages_list`. Likely the result of a call to [tw_get_messages_list](#).

Value

A data frame.

Examples

```
## Not run:

# Set API credentials
# You only need to do this once per R session
Sys.setenv(TWILIO_SID = "M9W4Ozq8BFX94w5St5hikg7UV0lPpH8e56")
Sys.setenv(TWILIO_TOKEN = "483H9lE05V0Jr362eq1814Li2N1I424t")

# Get messages sent to your account
messages <- tw_get_messages_list()

# Create data frame from log
sms_data <- tw_message_tbl(messages)


## End(Not run)
```

---

tw_send_message   *Send an SMS or MMS Message*

Description

Send an SMS or MMS Message

Usage

```
tw_send_message(to, from, body = NULL, media_url = NULL)
```

Arguments

to	A phone number which will receieve the message.
from	A phone number which will send the message.
body	The body of the message.
media_url	A url containing media to be sent in a message.

Value

A twilio_message object.

Examples

```
## Not run:

# Set API credentials
# You only need to do this once per R session
Sys.setenv(TWILIO_SID = "M9W4Ozq8BFX94w5St5hikg7UV0lPpH8e56")
Sys.setenv(TWILIO_TOKEN = "483H9lE05V0Jr362eq1814Li2N1I424t")
```

```
# Send a simple text message
tw_send_message("2125557634", "9178675903", "Hello from R!")

# Send a picture message
tw_send_message("2125557634", "9178675903", media_url = "https://www.r-project.org/logo/Rlogo.png")

# Send a picture message with text
tw_send_message("2125557634", "9178675903", "Do you like the new logo?",
    "https://www.r-project.org/logo/Rlogo.png")


## End(Not run)
```

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