

# Package ‘twilio’

March 6, 2017

**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

**License** MIT + file LICENSE

**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

**Date/Publication** 2017-03-06 14:15:56

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tw\_get\_messages\_list *Get List of Messages Sent and Received from Your Account*

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### Description

Retrieves a list of Twilio SMS and MMS messages sent and received 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 = "M9W40zq8BFX94w5St5hikg7UV01PpH8e56")
Sys.setenv(TWILIO_TOKEN = "483H91E05V0Jr362eq1814Li2N1I424t")

# 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*

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### 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 = "M9W40zq8BFX94w5St5hikg7UV01PpH8e56")
Sys.setenv(TWILIO_TOKEN = "483H91E05V0Jr362eq1814Li2N1I424t")

# Get media information from a message
tw_get_message_media("MMo8Jw86Lj6422NzWgb8QxX1D5c45U100v")

## End(Not run)
```

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tw_message_tbl	<i>Make a Data Frame from a Messages List</i>
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**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 = "M9W40zq8BFX94w5St5hikg7UV01PpH8e56")
Sys.setenv(TWILIO_TOKEN = "483H91E05V0Jr362eq1814Li2N1I424t")

# 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)
```

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tw_send_message	<i>Send an SMS or MMS Message</i>
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## 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 receive 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 = "M9W40zq8BFX94w5St5hikg7UV01PpH8e56")
Sys.setenv(TWILIO_TOKEN = "483H91E05V0Jr362eq1814Li2N1I424t")
```

```
# 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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