

Package: tweetrmd (via r-universe)

June 27, 2024

Title Embed Tweets in R Markdown

Version 0.0.10

Description Easily embed Tweets anywhere R Markdown turns plain text into HTML.

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URL <https://github.com/gadenbuie/tweetrmd>

BugReports <https://github.com/gadenbuie/tweetrmd/issues>

Imports htmltools, httr, jsonlite, knitr, rmarkdown

Suggests webshot2 (>= 0.0.0.9000)

Remotes rstudio/webshot2

Encoding UTF-8

LazyData true

Roxygen list(markdown = TRUE)

RoxygenNote 7.1.1

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

RemoteUrl <https://github.com/gadenbuie/tweetrmd>

RemoteRef main

RemoteSha c683b537a4a5234ee750fff234d21e4e9c201ba8

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include_tweet

*Include A Tweet in All R Markdown Formats***Description**

Similar to `knitr::include_graphics()`, but for tweets. In HTML documents, the tweet is embedded using `tweet_embed()` and for all other documents types a screen shot of the tweet is rendered and used `tweet_screenshot()`. If you would rather that just the text of the tweet be included in non-HTML outputs, use `tweet_embed()`.

Usage

```
include_tweet(tweet_url, plain = FALSE, ...)
```

```
tweet_markdown(tweet_url, ...)
```

Arguments

<code>tweet_url</code>	The URL for the tweet, or use <code>tweet_url()</code> to build the URL from a <code>screen_name</code> and <code>status_id</code> .
<code>plain</code>	Embeds the tweet without including Twitter's JavaScript code. This means the tweets will be displayed as minimally styled HTML in <code>tweet_embed()</code> or <code>tweet_screenshot()</code> . In <code>include_tweet()</code> , <code>plain = TRUE</code> will convert the tweet text into markdown for non-HTML outputs. Note that for HTML outputs, you can't selectively choose whether or not a tweet is rendered in plain HTML if you include multiple tweet. Including one rich embedded tweet will trigger rich embedding of all tweets loaded on the page.
<code>...</code>	Arguments passed on to <code>tweet_embed</code>
<code>maxwidth</code>	The maximum width of a rendered Tweet in whole pixels. A supplied value under or over the allowed range will be returned as the minimum or maximum supported width respectively; the reset width value will be reflected in the returned width property. Note that Twitter does not support the <code>oEmbed maxheight</code> parameter. Tweets are fundamentally text, and are therefore of unpredictable height that cannot be scaled like an image or video. Relatedly, the <code>oEmbed</code> response will not provide a value for height. Implementations that need consistent heights for Tweets should refer to the <code>hide_thread</code> and <code>'hide_media'</code> parameters below.
<code>hide_media</code>	When set to true, "t", or 1 links in a Tweet are not expanded to photo, video, or link previews.
<code>hide_thread</code>	When set to true, "t", or 1 a collapsed version of the previous Tweet in a conversation thread will not be displayed when the requested Tweet is in reply to another Tweet.
<code>omit_script</code>	When set to FALSE, Twitter's remote script responsible for loading the Tweet widget will be used. Otherwise, the script included by this package will be used. If you are including multiple tweets on a page, it is recommended to use the default FALSE.

- align** Specifies whether the embedded Tweet should be floated left, right, or center in the page relative to the parent element.
- related** A comma-separated list of Twitter usernames related to your content. This value will be forwarded to **Tweet action intents** if a viewer chooses to reply, like, or retweet the embedded Tweet.
- lang** Request returned HTML and a rendered Tweet in the specified **Twitter language supported by embedded Tweets**.
- theme** When set to dark, the Tweet is displayed with light text over a dark background.
- link_color** Adjust the color of Tweet text links with a **hexadecimal color value**.
- widget_type** Set to video to return a Twitter Video embed for the given Tweet.
- dnt** When set to true, the Tweet and its embedded page on your site are not used for purposes that include **personalized suggestions** and **personalized ads**.

Value

An `htmltools::tagList()` to include a tweet in an HTML document, or a screen shot of the tweet for use in non-HTML outputs.

Functions

- `tweet_markdown`: Return a tweet as plain markdown.

See Also

Other Tweet-embedding functions: `tweet_embed()`, `tweet_screenshot()`

Examples

```
include_tweet("https://twitter.com/dsquintana/status/1275705042385940480")
```

tweet_embed

Embed a Tweet in R Markdown HTML outputs

Description

Uses Twitter's **oembed** API to embed a tweet in R Markdown HTML outputs.

Usage

```

tweet_embed(
  tweet_url,
  maxwidth = 550,
  plain = FALSE,
  hide_media = FALSE,
  hide_thread = FALSE,
  omit_script = TRUE,
  align = c("none", "left", "right", "center"),
  related = NULL,
  lang = "en",
  theme = c("light", "dark"),
  link_color = NULL,
  widget_type = NULL,
  dnt = TRUE
)

```

```
tweet_url(screen_name = NULL, status_id)
```

```
screen_name %tweet% status_id
```

Arguments

tweet_url	The URL for the tweet, or use <code>tweet_url()</code> to build the URL from a <code>screen_name</code> and <code>status_id</code> .
maxwidth	The maximum width of a rendered Tweet in whole pixels. A supplied value under or over the allowed range will be returned as the minimum or maximum supported width respectively; the reset width value will be reflected in the returned width property. Note that Twitter does not support the <code>oEmbed</code> <code>maxheight</code> parameter. Tweets are fundamentally text, and are therefore of unpredictable height that cannot be scaled like an image or video. Relatedly, the <code>oEmbed</code> response will not provide a value for height. Implementations that need consistent heights for Tweets should refer to the <code>hide_thread</code> and <code>hide_media</code> parameters below.
plain	Embeds the tweet without including Twitter's JavaScript code. This means the tweets will be displayed as minimally styled HTML in <code>tweet_embed()</code> or <code>tweet_screenshot()</code> . In <code>include_tweet()</code> , <code>plain = TRUE</code> will convert the tweet text into markdown for non-HTML outputs. Note that for HTML outputs, you can't selectively choose whether or not a tweet is rendered in plain HTML if you include multiple tweet. Including one rich embedded tweet will trigger rich embedding of all tweets loaded on the page.
hide_media	When set to <code>true</code> , <code>"t"</code> , or <code>1</code> links in a Tweet are not expanded to photo, video, or link previews.
hide_thread	When set to <code>true</code> , <code>"t"</code> , or <code>1</code> a collapsed version of the previous Tweet in a conversation thread will not be displayed when the requested Tweet is in reply to another Tweet.

omit_script	When set to FALSE, Twitter's remote script responsible for loading the Tweet widget will be used. Otherwise, the script included by this package will be used. If you are including multiple tweets on a page, it is recommended to use the default FALSE.
align	Specifies whether the embedded Tweet should be floated left, right, or center in the page relative to the parent element.
related	A comma-separated list of Twitter usernames related to your content. This value will be forwarded to Tweet action intents if a viewer chooses to reply, like, or retweet the embedded Tweet.
lang	Request returned HTML and a rendered Tweet in the specified Twitter language supported by embedded Tweets .
theme	When set to dark, the Tweet is displayed with light text over a dark background.
link_color	Adjust the color of Tweet text links with a hexadecimal color value .
widget_type	Set to video to return a Twitter Video embed for the given Tweet.
dnt	When set to true, the Tweet and its embedded page on your site are not used for purposes that include personalized suggestions and personalized ads .
screen_name	The user's screen name
status_id	The tweet's status id

Value

The placeholder HTML for the tweet

Functions

- `tweet_url`: Create a URL for a tweet from a screen name and status id.
- `%tweet%`: A shortcut for the impatient.

References

<https://developer.twitter.com/en/docs/tweets/post-and-engage/api-reference/get-statuses-oembed>

See Also

Other Tweet-embedding functions: `include_tweet()`, `tweet_screenshot()`

Examples

```
## Not run:
# these are equivalent
tweet_embed("https://twitter.com/alexphayes/status/1211748406730706944")

tweet_embed(tweet_url("alexphayes", "1211748406730706944"))

tweet_embed("1211748406730706944")

# Adding many tweets at once to a document takes a little bit more work
```

```

thread <- c(
  "https://twitter.com/grrrck/status/1333804309272621060",
  "https://twitter.com/grrrck/status/1333804487148855300",
  "https://twitter.com/grrrck/status/1333805092152123394"
)

htmltools::tagList(
  lapply(thread, tweet_embed, plain = TRUE)
)

## End(Not run)

```

tweet_screenshot	<i>Take or embed a screenshot of a tweet</i>
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Description

Takes a screenshot of the tweet that is automatically embedded in R Markdown documents or that can be saved for use later.

Usage

```

tweet_screenshot(
  tweet_url,
  maxwidth = 550,
  scale = 2,
  file = NULL,
  link_color = NULL,
  ...
)

```

Arguments

tweet_url	The URL for the tweet, or use <code>tweet_url()</code> to build the URL from a screen_name and status_id.
maxwidth	The maximum width of a rendered Tweet in whole pixels. A supplied value under or over the allowed range will be returned as the minimum or maximum supported width respectively; the reset width value will be reflected in the returned width property. Note that Twitter does not support the oEmbed maxheight parameter. Tweets are fundamentally text, and are therefore of unpredictable height that cannot be scaled like an image or video. Relatedly, the oEmbed response will not provide a value for height. Implementations that need consistent heights for Tweets should refer to the hide_thread and 'hide_media' parameters below.
scale	Scale the tweet for a better quality screenshot. Default is 2.
file	A character string of output files. Can end with .png or .pdf.

link_color	Adjust the color of Tweet text links with a hexadecimal color value .
...	Arguments passed on to <code>tweet_embed</code>
plain	Embeds the tweet without including Twitter's JavaScript code. This means the tweets will be displayed as minimally styled HTML in <code>tweet_embed()</code> or <code>tweet_screenshot()</code> . In <code>include_tweet()</code> , <code>plain = TRUE</code> will convert the tweet text into markdown for non-HTML outputs. Note that for HTML outputs, you can't selectively choose whether or not a tweet is rendered in plain HTML if you include multiple tweet. Including one rich embedded tweet will trigger rich embedding of all tweets loaded on the page.
hide_media	When set to true, "t", or 1 links in a Tweet are not expanded to photo, video, or link previews.
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omit_script	When set to FALSE, Twitter's remote script responsible for loading the Tweet widget will be used. Otherwise, the script included by this package will be used. If you are including multiple tweets on a page, it is recommended to use the default FALSE.
align	Specifies whether the embedded Tweet should be floated left, right, or center in the page relative to the parent element.
related	A comma-separated list of Twitter usernames related to your content. This value will be forwarded to Tweet action intents if a viewer chooses to reply, like, or retweet the embedded Tweet.
lang	Request returned HTML and a rendered Tweet in the specified Twitter language supported by embedded Tweets .
theme	When set to dark, the Tweet is displayed with light text over a dark background.
widget_type	Set to video to return a Twitter Video embed for the given Tweet.
dnt	When set to true, the Tweet and its embedded page on your site are not used for purposes that include personalized suggestions and personalized ads .

See Also

Other Tweet-embedding functions: `include_tweet()`, `tweet_embed()`

Examples

```
## Not run:
tmpimg <- tempfile(fileext = "png")
tweet_screenshot(
  tweet_url = "https://twitter.com/alexphayes/status/1211748406730706944",
  file = tmpimg
)

## End(Not run)
```

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