

Package ‘sendgridr’

October 6, 2021

Title Mail Sender Using 'Sendgrid' Service

Version 0.3.3

Description Send email using 'Sendgrid' <<https://sendgrid.com/>>
mail API(v3) <[https://docs.sendgrid.com/api-reference/
how-to-use-the-sendgrid-v3-api/authentication](https://docs.sendgrid.com/api-reference/how-to-use-the-sendgrid-v3-api/authentication)>.

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URL <https://github.com/mrchypark/sendgridr>

BugReports <https://github.com/mrchypark/sendgridr/issues>

Imports magrittr, httr, jsonlite, usethis, tidyr, tibble, glue, clipr,
crayon, desc, rlang, clisymbols, base64enc, dplyr, fs, stringr

Encoding UTF-8

RoxygenNote 7.1.1

Depends R (>= 3.1)

Suggests covr, testthat

NeedsCompilation no

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Repository CRAN

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address	<i>set address to sg_mail class</i>
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Description

to(), cc(), bcc() is for set email address to sg_mail class

Usage

```
to(sg_mail, email, name = "")
cc(sg_mail, email, name = "")
bcc(sg_mail, email, name = "")
```

Arguments

sg_mail	(required)mail object from package
email	(required)email address
name	(optional)name for email address.

Value

sg_mail class with mail address.

Examples

```
mail() %>%
  to("mrchypark@gmail.com")

mail() %>%
  cc("mrchypark@gmail.com")

mail() %>%
  bcc("mrchypark@gmail.com")
```

attachments	<i>attachments</i>
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Description

attachments

Usage

attachments(*sg_mail*, *path*, *name*)

Arguments

<i>sg_mail</i>	(required)mail object from package
<i>path</i>	(required)file path to attach
<i>name</i>	file name. default is <i>path</i> 's file name

Value

sg_mail class with attachments.

Examples

```
## Not run:
mail() %>%
  attachments("sendgridr.docx")

## End(Not run)
```

auth_check	<i>Check API key for auth.</i>
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Description

Check SENDGRID_API env value is set. If any value from SENDGRID_API detected, return TRUE. Function works using `auth_check_zero()`, `auth_check_dummy()`, `auth_check_work()`.

Usage

auth_check()

Value

TRUE/FALSE check work fine return TRUE.

auth_set	<i>Set API key for auth.</i>
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Description

If run code, open .Renviron file for set api key.

Usage

```
auth_set(force = FALSE)
```

Arguments

force force set api key process. default is FALSE.

Value

None

body	<i>body</i>
------	-------------

Description

body

Usage

```
body(sg_mail, body, type = "text/html")
```

Arguments

sg_mail (required)mail object from package
 body (required)mail content html support.
 type content type. text/html is default.

Value

sg_mail class with body content.

Examples

```
mail() %>%
  body("mrchypark@gmail.com")
```

dynamic_template_data *Add dynamic template data*

Description

template_id must be included for this data to be applied.

Usage

```
dynamic_template_data(sg_mail, lst)
```

Arguments

sg_mail	(required) mail object from package
lst	A key-value list for template data. (See https://docs.sendgrid.com/ui/sending-email/how-to-send-an-email-with-dynamic-transactional-templates)

Value

sg_mail class with template data for dynamic transactional templates

Examples

```
data_lst <-  
  list(  
    first_name = "Amanda",  
    link = "foo"  
  )  
  
mail() %>%  
  dynamic_template_data(data_lst)
```

from *from*

Description

from

Usage

```
from(sg_mail, email, name = "")
```

Arguments

sg_mail	(required)mail object from package
email	(required)email address
name	name for email address

Value

sg_mail class with from mail address.

Examples

```
mail() %>%
  from("mrchypark@gmail.com")
```

mail	<i>Set mail class for Sendgrid</i>
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Description

New mail class for sendgrid.

Usage

```
mail()
```

Value

sg_mail class.

Examples

```
mail()
```

send	<i>send mail</i>
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Description

Send mail with mail content.

Usage

```
send(mail)
```

Arguments

mail mail object

Value

[list](https://docs.sendgrid.com/api-reference/how-to-use-the-sendgrid-v3-api/authentication) if success, success message. and error, please check <https://docs.sendgrid.com/api-reference/how-to-use-the-sendgrid-v3-api/authentication>.

Examples

```
## Not run:

data_lst <-
  list(
    total = "$239.85",
    name = "Sample Name"
  )

mail() %>%
  from("example1@mail.com", "example name for display") %>%
  to("example2@mail.com", "example name for display 2") %>%
  dynamic_template_data(data_lst) %>%
  template_id(template_id) %>%
  subject("test mail title") %>%
  body("hello world!") %>%
  ## attachments is optional
  attachments("report.html") %>%
  send()

## End(Not run)
```

subject	<i>subject</i>
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Description

subject

Usage

```
subject(sg_mail, subject)
```

Arguments

sg_mail (required)mail object from package
 subject (required)mail subject

Value

sg_mail class with subject.

Examples

```
mail() %>%  
  subject("mrchypark@gmail.com")
```

template_id	<i>template id</i>
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Description

Create dynamic templates at <https://mc.sendgrid.com/dynamic-templates>

Usage

```
template_id(sg_mail, template_id)
```

Arguments

sg_mail (required) mail object from package
template_id (required) template_id

Value

sg_mail class with template id.

Examples

```
mail() %>%  
  template_id("foo")
```


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