

Package ‘docuSignr’

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Title Connect to 'DocuSign' API

Version 0.0.3

Description Connect to the 'DocuSign' Rest API <<https://www.docusign.com/p/RESTAPIGuide/RESTAPIGuide.htm>>, which supports embedded signing, and sending of documents.

Depends R (>= 3.2.2)

License GPL-3

Encoding UTF-8

LazyData true

Imports htr, jsonlite, magrittr

RoxygenNote 6.0.1

Suggests testthat, covr, drat

URL <https://github.com/CannaData/docuSignr>

BugReports <https://github.com/CannaData/docuSignr/issues>

NeedsCompilation no

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docu_auth	<i>Create XML authentication string</i>
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Description

Create XML authentication string

Usage

```
docu_auth(username = Sys.getenv("docuSign_username"),
  password = Sys.getenv("docuSign_password"),
  integrator_key = Sys.getenv("docuSign_integrator_key"))
```

Arguments

username	docuSign username
password	docuSign password
integrator_key	docusign integratorKey

docu_download	<i>Download Document from DocuSign</i>
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Description

Download Document from DocuSign

Usage

```
docu_download(file, username = Sys.getenv("docuSign_username"),
  password = Sys.getenv("docuSign_password"),
  integrator_key = Sys.getenv("docuSign_integrator_key"), base_url,
  envelope_id)
```

Arguments

file	a character string naming a file
username	docuSign username
password	docuSign password
integrator_key	docusign integratorKey
base_url	base_url
envelope_id	id of envelope

Examples

```
## Not run:
login <- docu_login(demo = TRUE)
envelopes <- docu_list_envelopes(base_url = login$baseUrl[1], from_date = "2017/1/1")
envelope_id <- envelopes[envelopes$status == "completed", "envelopeId"][1]
file <- tempfile()
document <- docu_download(file, base_url = login[1, 3],
                           envelope_id = envelope_id)

## End(Not run)
```

docu_embedded_sign	<i>Embedded docuSign</i>
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Description

Get URL for embedded docuSign

Usage

```
docu_embedded_sign(username = Sys.getenv("docuSign_username"),
  password = Sys.getenv("docuSign_password"),
  integrator_key = Sys.getenv("docuSign_integrator_key"), base_url,
  return_url, envelope_id, signer_name, signer_email, client_user_id,
  authentication_method = "None")

docu_embedded_send(username = Sys.getenv("docuSign_username"),
  password = Sys.getenv("docuSign_password"),
  integrator_key = Sys.getenv("docuSign_integrator_key"), base_url,
  return_url, uri, signer_name, signer_email, client_user_id,
  authentication_method = "None")
```

Arguments

username	docuSign username
password	docuSign password
integrator_key	docusign integratorKey
base_url	docuSign baseUrl
return_url	URL to return to after signing
envelope_id	ID for envelope returned from docu_envelope
signer_name	Name of person signing document
signer_email	Email of person signing document
client_user_id	ID for signer
authentication_method	Method application uses to authenticate user. Defaults to "None".
uri	uri path

Examples

```
## Not run:
# assuming env variables are properly set up
login <- docu_login()
template <- docu_templates(base_url = login[1, "baseUrl"])
env <- docu_envelope(username = Sys.getenv("docuSign_username"),
  password = Sys.getenv("docuSign_password"),
  integrator_key = Sys.getenv("docuSign_integrator_key"),
  account_id = login[1, "accountId"], base_url = login[1, "baseUrl"],
  template_id = template$templateId,
  template_roles = list(name = "Name", email = "email@example.com",
    roleName = "Role", clientUserId = "1"),
  email_subject = "Subject", email_blurb = "Body"
)
URL <- docu_embed(
  base_url = login[1, "baseUrl"], return_url = "www.google.com",
  signer_name = "Name", signer_email = "email@example.com",
  client_user_id = "1",
  envelope_id = env$envelopeId
)

## End(Not run)
```

docu_envelope

Create document for particular instance to be signed

Description

Does envelope stuff

Usage

```
docu_envelope(username = Sys.getenv("docuSign_username"),
  password = Sys.getenv("docuSign_password"),
  integrator_key = Sys.getenv("docuSign_integrator_key"), account_id,
  status = "sent", base_url, template_id, template_roles, email_subject,
  email_blurb)
```

Arguments

username	docuSign username
password	docuSign password
integrator_key	docuSign integratorKey
account_id	docuSign accountId
status	envelope status
base_url	docuSign baseURL
template_id	docuSign templateId

```

template_roles  list of parameters passed to template
email_subject   docuSign emailSubject
email_blurb     docuSign emailBlurb

```

Examples

```

## Not run:
# assuming env variables are properly set up
login <- docu_login()
template <- docu_templates(base_url = login[1, "baseUrl"])
(env <- docu_envelope(username = Sys.getenv("docuSign_username"),
  password = Sys.getenv("docuSign_password"),
  integrator_key = Sys.getenv("docuSign_integrator_key"),
  account_id = login[1, "accountId"], base_url = login[1, "baseUrl"],
  template_id = template$templateId,
  template_roles = list(name = "Name", email = "email@example.com",
    roleName = "Role", clientId = "1"),
  email_subject = "Subject", email_blurb = "Body"
))

## End(Not run)

```

docu_envelope_status *Check status of envelope*

Description

Check status of envelope

Usage

```

docu_envelope_status(username = Sys.getenv("docuSign_username"),
  password = Sys.getenv("docuSign_password"),
  integrator_key = Sys.getenv("docuSign_integrator_key"), base_url,
  envelope_id)

```

Arguments

```

username      docuSign username
password      docuSign password
integrator_key docusign integratorKey
base_url      base_url
envelope_id   id of envelope

```

Examples

```
## Not run:
login <- docu_login(demo = TRUE)
envelopes <- docu_list_envelopes(base_url = login$baseUrl[1], from_date = "2017/1/1")
envelope_id <- envelopes[envelopes$status == "completed", "envelopeId"][1]
status <- docu_envelope_status(base_url = login[1, 3],
                              envelope_id = envelope_id)

## End(Not run)
```

docu_header	Create header for docuSign
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Description

Create header for authentication with docuSign

Usage

```
docu_header(auth)
```

Arguments

auth	XML object with authentication info
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docu_list_envelopes	List envelopes since date
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Description

List envelopes since date

Usage

```
docu_list_envelopes(username = Sys.getenv("docuSign_username"),
                    password = Sys.getenv("docuSign_password"),
                    integrator_key = Sys.getenv("docuSign_integrator_key"), base_url, from_date)
```

Arguments

username	docuSign username
password	docuSign password
integrator_key	docusign integratorKey
base_url	base_url
from_date	character indicating begin date of search

Examples

```
## Not run:
login <- docu_login(demo = TRUE)
envelopes <- docu_list_envelopes(base_url = login$baseUrl[1], from_date = "2017/1/1")

## End(Not run)
```

docu_login	<i>Authenticate DocuSign</i>
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Description

Login to DocuSign and get baseUrl and accountId

Usage

```
docu_login(username = Sys.getenv("docuSign_username"),
  password = Sys.getenv("docuSign_password"),
  integrator_key = Sys.getenv("docuSign_integrator_key"), demo = FALSE)
```

Arguments

username	docuSign username
password	docuSign password
integrator_key	docusign integratorKey
demo	indicate whether to use DocuSign demo server

Examples

```
## Not run:
# assuming env variables are properly set up
(login <- docu_login())

## End(Not run)
```

docu_templates	<i>View templates</i>
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Description

See all templates associated with account

Usage

```
docu_templates(username = Sys.getenv("docuSign_username"),
  password = Sys.getenv("docuSign_password"),
  integrator_key = Sys.getenv("docuSign_integrator_key"), base_url)
```

Arguments

username	docuSign username
password	docuSign password
integrator_key	docusign integratorKey
base_url	docuSign baseURL

Examples

```
## Not run:
login <- docu_login()
templates <- docu_templates(base_url = login[1, 3])

## End(Not run)
```

parse_response	<i>Process results from POST or GET</i>
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Description

Process results from POST or GET

Usage

```
parse_response(response)
```

Arguments

response	Result of POST or GET
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