

Package ‘onelogin’

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Type Package

Title Interact with the 'OneLogin' API

Version 0.2.0

Description The identity provider ['OneLogin']<<http://onelogin.com>> is used for authentication via Single Sign On (SSO). This package provides an R interface to their API.

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Encoding UTF-8

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ol_invite_gen_link	<i>Generate Invite Link</i>
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Description

Generate Invite Link

Usage

ol_invite_gen_link(con, email)

Arguments

con	a 'OneLogin' connection
email	email of a user

Value

data frame with email and invite link

Examples

```
if(interactive()) ol_invite_gen_link(onelogin(), "example@example.com")
```

ol_invite_send_link	<i>Send Invite Links</i>
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Description

Send Invite Links

Usage

```
ol_invite_send_link(con, email)
```

Arguments

con	a 'OneLogin' connection
email	email of a user

Examples

```
if (interactive()) ol_invite_send_link(onelogin(), "example@example.com")
```

ol_roles_get	<i>Get all available roles</i>
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Description

Get all available roles

Usage

```
ol_roles_get(con, ...)
```

Arguments

con	a 'OneLogin' connection
...	filters for the roles. See options in the API docs .

Value

a tibble of roles

Examples

```
if (interactive()) ol_roles_get(onelogin())
```

ol_role_get_by_id	<i>Get details of particular role</i>
-------------------	---------------------------------------

Description

Get details of particular role

Usage

```
ol_role_get_by_id(con, role_id)
```

Arguments

con	a 'OneLogin' connection
role_id	the id of a role

Value

a tibble of details on the role

Examples

```
if (interactive()) ol_role_get_by_id(onelogin(), 1234)
```

ol_token_get	<i>Generate a 'OneLogin' token</i>
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Description

Generate a 'OneLogin' token

Usage

```
ol_token_get(con)
```

Arguments

con	a 'OneLogin' connection
-----	-------------------------

Value

A 'OneLogin' connection with auth token

Examples

```
if(interactive()) ol_token_get(onelogin())
```

ol_token_get_rate_limit	<i>Get 'OneLogin' API rate limit</i>
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Description

Get 'OneLogin' API rate limit

Usage

```
ol_token_get_rate_limit(con)
```

Arguments

con	a 'OneLogin' connection
-----	-------------------------

Value

A tibble of rate limit data

Examples

```
if(interactive()) ol_token_get_rate_limit(onelogin())
```

ol_token_refresh	<i>Refresh 'OneLogin' auth token</i>
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Description

Refresh 'OneLogin' auth token

Usage

```
ol_token_refresh(con)
```

Arguments

con	a 'OneLogin' connection
-----	-------------------------

Value

A 'OneLogin' connection with refreshed auth token

Examples

```
if(interactive()) ol_token_refresh(onelogin())
```

ol_token_revoke	<i>Revoke OneLogin access token</i>
-----------------	-------------------------------------

Description

Revoke OneLogin access token

Usage

```
ol_token_revoke(con)
```

Arguments

con	a 'OneLogin' connection
-----	-------------------------

Value

A tibble of response status

Examples

```
#' if(interactive()) ol_token_revoke(onelogin())
```

ol_users_get	<i>Get Users from OneLogin</i>
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Description

You can filter the user by various parameters in onelogin. See the [page in the API docs](#) for filter options.

Usage

```
ol_users_get(con, ...)
```

Arguments

con	a 'OneLogin' connection
...	filter parameters, optional; see API documentation

Details

The id column in the returned tibble is the user_id for any of the user functions that are by id.

Value

A tibble of users and their attributes

Examples

```
if (interactive()) ol_users_get(onelogin())
if (interactive()) ol_users_get(onelogin(), firstname = "name")
```

ol_user_assign_role	<i>Assign role to user</i>
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Description

Assign role to user

Usage

```
ol_user_assign_role(con, user_id, role_id_array)
```

Arguments

con	a 'OneLogin' connection
user_id	user id
role_id_array	numeric, one or more roles

Examples

```
if (interactive()) ol_user_assign_role(onelogin(), 54963040, 268986)
```

ol_user_create	<i>Create a 'OneLogin' user.</i>
----------------	----------------------------------

Description

For a full listing of available fields, see the [API documentation](#)

Usage

```
ol_user_create(con, firstname, lastname, email, username, ...)
```

Arguments

con	a 'OneLogin' connection
firstname	first name, character
lastname	last name, character
email	full email, character
username	username
...	other named parameters for the person

Value

A tibble of user data

Examples

```
if (interactive()) ol_user_create(onelogin(), "Fake", "User",
  "fake@user.com", "fake")
```

ol_user_delete	<i>Delete user</i>
----------------	--------------------

Description

Delete user

Usage

```
ol_user_delete(con, user_id)
```

Arguments

con	a 'OneLogin' connection
user_id	user id

Examples

```
if (interactive()) ol_user_delete(onelogin(), 54963040)
```

ol_user_get_apps	<i>Get Apps for User</i>
------------------	--------------------------

Description

Get Apps for User

Usage

```
ol_user_get_apps(con, user_id)
```

Arguments

con	a 'OneLogin' connection
user_id	user id

Value

A tibble of user data (one row)

Examples

```
if (interactive()) ol_user_get_apps(onelogin(), 54400533)
```

ol_user_get_by_id	<i>Get a User by their ID</i>
-------------------	-------------------------------

Description

Get a User by their ID

Usage

```
ol_user_get_by_id(con, user_id)
```

Arguments

con	a 'OneLogin' connection
user_id	user id

Value

A tibble of user data (one row)

Examples

```
if (interactive()) ol_user_get_by_id(onelogin(), 54400533)
```

ol_user_get_custom_fields	<i>Get custom fields available for users</i>
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Description

Get custom fields available for users

Usage

```
ol_user_get_custom_fields(con)
```

Arguments

con	a 'OneLogin' connection
-----	-------------------------

Value

A tibble of custom fields available

Examples

```
if (interactive()) ol_user_get_custom_fields(onelogin())
```

ol_user_get_roles	<i>Get Roles for a User</i>
-------------------	-----------------------------

Description

Get Roles for a User

Usage

```
ol_user_get_roles(con, user_id)
```

Arguments

con	a 'OneLogin' connection
user_id	user id

Value

A data frame of the user id and role

Examples

```
if (interactive()) ol_user_get_roles(onelogin(), 54400533)
```

ol_user_lock_account	<i>Lock user</i>
----------------------	------------------

Description

Lock user

Usage

```
ol_user_lock_account(con, user_id, locked_until = 0)
```

Arguments

con	a 'OneLogin' connection
user_id	user id
locked_until	numeric, number of minutes, default to 0 see API documentation for more details

Examples

```
if (interactive()) ol_user_lock_account(onelogin(), 54963040)
```

ol_user_log_out	<i>Log user out</i>
-----------------	---------------------

Description

Log user out

Usage

```
ol_user_log_out(con, user_id)
```

Arguments

con	a 'OneLogin' connection
user_id	user id

Examples

```
if (interactive()) ol_user_log_out(onelogin(), 54963040)
```

ol_user_pwd_cleartext	<i>Set or change user's password</i>
-----------------------	--------------------------------------

Description

Set or change user's password

Usage

```
ol_user_pwd_cleartext(con, user_id, password, password_confirmation,  
  validate_policy = FALSE)
```

Arguments

con	a 'OneLogin' connection
user_id	user id
password	character, new password
password_confirmation	character, new password
validate_policy	utilize password policy checks? defaults to FALSE

Examples

```
if (interactive()) ol_user_pwd_cleartext(onelogin(), 54963040, "pwd", "pwd")
```

```
ol_user_pwd_sha256_salt
```

Set or changes user's password after encryption

Description

See the [API docs](#) for details on how to encrypt the password.

Usage

```
ol_user_pwd_sha256_salt(con, user_id, password, password_confirmation,
  password_algorithm = "salt+sha256", password_salt = "")
```

Arguments

con	a 'OneLogin' connection
user_id	user id
password	character, new password
password_confirmation	character, new password
password_algorithm	algorithm, defaults to "salt+sha256"
password_salt	defaults to ""

Examples

```
if (interactive()) ol_user_pwd_sha256_salt(onelogin(), 54963040,
  safer::encrypt_string("saltpwd"), safer::encrypt_string("saltpwd"),
  password_salt = "salt")
```

ol_user_remove_role	<i>Remove role from user</i>
---------------------	------------------------------

Description

Remove role from user

Usage

```
ol_user_remove_role(con, user_id, role_id_array)
```

Arguments

con	a 'OneLogin' connection
user_id	user id
role_id_array	numeric, one or more roles

Examples

```
if (interactive()) ol_user_remove_role(onelogin(), 54963040, 268986)
```

ol_user_set_custom_attr	<i>Set custom attribute for users</i>
-------------------------	---------------------------------------

Description

See [ol_user_get_custom_fields](#) to get custom fields

Usage

```
ol_user_set_custom_attr(con, user_id, ...)
```

Arguments

con	a 'OneLogin' connection
user_id	user id
...	named custom attributes to set

Examples

```
if (interactive()) ol_user_set_custom_attr(onelogin, 54963040, attr = "value")
```

ol_user_set_state	<i>Set user state</i>
-------------------	-----------------------

Description

Set user state

Usage

```
ol_user_set_state(con, user_id, state)
```

Arguments

con	a 'OneLogin' connection
user_id	user id
state	numeric, 0-3, see documentation for value meanings

Examples

```
if (interactive()) ol_user_set_state(onelogin(), 54963040, 1)
```

ol_user_update	<i>Update user information by ID</i>
----------------	--------------------------------------

Description

Update user information by ID

Usage

```
ol_user_update(con, user_id, ...)
```

Arguments

con	a 'OneLogin' connection
user_id	user id
...	named parameters to change in request

Value

A tibble of user data

Examples

```
if (interactive()) ol_user_update(onelogin(), 54963040, firstname = "Fake1")
```

onelogin	<i>Define a 'OneLogin' Connection</i>
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Description

Define a connection to the 'OneLogin' API. Please see the [API documentation](#) for details on using this API and on getting credentials.

Usage

```
onelogin(region = "US", client_id = Sys.getenv("ONELOGIN_CLIENT_ID"),
         client_secret = Sys.getenv("ONELOGIN_CLIENT_SECRET"))
```

Arguments

region	either "US" or "EU", defaults to "US"
client_id	'OneLogin' client ID, defaults to Sys.getenv("ONELOGIN_CLIENT_ID")
client_secret	'OneLogin' client secret, defaults to Sys.getenv("ONELOGIN_CLIENT_SECRET")

Value

A 'OneLogin' connection

Examples

```
if (interactive()) onelogin(region = "US")
```

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