

Package: zoomer (via r-universe)

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Title Zoom API in R

Version 0.0.0.9001

Description A consistent interface to the Zoom API, to allow management of Zoom conferencing from R.

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URL <https://github.com/jonthegeek/zoomer>,
<https://jonthegeek.github.io/zoomer/>

BugReports <https://github.com/jonthegeek/zoomer/issues>

Depends R (>= 4.1.0)

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.oauth-client	<i>OAuth client documentation</i>
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Description

OAuth client documentation

Value

A Zoom `httr2::oauth_client()`.

.oauth-req-auth	<i>OAuth request authentication documentation</i>
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Description

OAuth request authentication documentation

Arguments

token	A Zoom API OAuth token, or the <code>access_token</code> string from such a token. We recommend that you instead supply a <code>client</code> , in which case an appropriate token will be located if possible.
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Value

An `httr2::request()` with Zoom OAuth authentication information.

.oauth-token	<i>OAuth token documentation</i>
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Description

OAuth token documentation

Value

A Zoom `httr2::oauth_token()`, invisibly.

zoom_authenticate	<i>Authenticate with a Zoom OAuth client</i>
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Description

[Questioning]

Load or generate a Zoom OAuth token for use in the other functions in this package. The primary use of this function is to cache values early in a script (so the user can walk away). Otherwise the other functions in this package will prompt for authentication when needed. Once the values are cached, the rest of this package will use them by default for that client.

Usage

```
zoom_authenticate(  
  client = zoom_client(),  
  cache_key = getOption("zoom.cache_key", NULL),  
  scopes = "recording:read",  
  force = FALSE,  
  refresh_token = NULL  
)
```

Arguments

<code>client</code>	A Zoom OAuth client created with <code>zoom_client()</code> .
<code>cache_key</code>	If you are authenticating with multiple users using the same client, use this key to differentiate between those users.
<code>scopes</code>	A character vector of allowed scopes, such as "recording:read".
<code>force</code>	A logical indicating whether to force a refresh of the token.
<code>refresh_token</code>	A refresh token associated with this client.

Value

A Zoom `httr2::oauth_token()`, invisibly.

`zoom_browse_app_management`*Visit Zoom Created Apps*

Description

Launch the Zoom "Created Apps" page (where you can configure OAuth 2.0 Clients). Navigate to "Develop > Build App" if you don't have an app, and choose "OAuth".

Usage

```
zoom_browse_app_management()
```

Details

One-time relay setup (Zoom no longer accepts localhost redirect URIs):

1. Create a **Cloudflare Worker** using the script in `system.file("cloudflare/oauth-relay.js", package = "zoomer")`. The Worker reads the local port from the OAuth state parameter and issues a 302 redirect to `http://localhost:{port}/callback`.
2. Set the Zoom app's **OAuth Redirect URL** to your Worker's URL (e.g. `https://zoomer-oauth.your-handle.worker`).
3. Add `options(zoom.redirect_url = "https://...")` to your `.Rprofile`. Optionally set `options(zoom.redirect_port = 1410L)` if you need a non-default local port.

After configuring your app, copy/paste the Client ID and Client Secret into the `ZOOM_CLIENT_ID` and `ZOOM_CLIENT_SECRET` environment variables. We recommend placing these in your `.Renviron` file.

Value

The url of the "Created Apps" page, invisibly.

Examples

```
zoom_app_mgmt_url <- zoom_browse_app_management()
# Copy/paste values from your client.
Sys.setenv(ZOOM_CLIENT_ID = "raNdOMleTteRS")
Sys.setenv(ZOOM_CLIENT_SECRET = "RanDomleTTeRSandNumb3rs")
```

zoom_client	<i>Construct a Zoom OAuth client</i>
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Description

Builds the OAuth client object for Zoom apis.

Usage

```
zoom_client(  
  client_id = Sys.getenv("ZOOM_CLIENT_ID"),  
  client_secret = Sys.getenv("ZOOM_CLIENT_SECRET")  
)
```

Arguments

client_id	A Zoom OAuth App client ID. We recommend you save it as an environment variable, ZOOM_CLIENT_ID.
client_secret	A Zoom OAuth App client secret. We recommend you save it as an environment variable, ZOOM_CLIENT_SECRET.

Value

A Zoom `httr2::oauth_client()`.

Examples

```
zoom_client <- zoom_client()
```

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