

# Package: zoomer (via r-universe)

October 9, 2024

**Title** Zoom API in R

**Version** 0.0.0.9000

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

**License** MIT + file LICENSE

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

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

**Depends** R (>= 2.10)

**Imports** cli, httpuv, httr2 (>= 1.0.0), lifecycle, rlang, utils

**Suggests** covr, httptest2, jsonlite, testthat (>= 3.2.0), withr

**Config/testthat/edition** 3

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**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.2.3

**Repository** <https://jonthegeek.r-universe.dev>

**RemoteUrl** <https://github.com/jonthegeek/zoomer>

**RemoteRef** HEAD

**RemoteSha** 22a07dec15ec1e1da1c816805fc6a38dc6572ddc

## Contents

.oauth-client . . . . .	2
.oauth-req-auth . . . . .	2
.oauth-token . . . . .	2
zoom_authenticate . . . . .	3
zoom_browse_app_management . . . . .	3
zoom_client . . . . .	4

<b>Index</b>	<b>5</b>
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<code>.oauth-client</code>	<i>OAuth client documentation</i>
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**Description**

OAuth client documentation

**Value**

A Zoom `httr2::oauth_client()`.

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

OAuth request authentication documentation

**Arguments**

<code>token</code>	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.

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

OAuth token documentation

**Value**

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

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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

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

### Value

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

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zoom_browse_app_management	<i>Visit Zoom Created Apps</i>
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### 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". Set the "OAuth allow list" to "http://localhost:8888". You'll also have to give the app allowed scopes. After you configure 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 environment variables in your `.Renviron` file.

**Usage**

```
zoom_browse_app_management()
```

**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 = "raNd0M1etTeRS")
Sys.setenv(ZOOM_CLIENT_SECRET = "RanDom1eTTeRSandNumb3rs")
```

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zoom\_client

*Construct a Zoom OAuth client*

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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()
```

# Index

[.oauth-client](#), [2](#)  
[.oauth-req-auth](#), [2](#)  
[.oauth-token](#), [2](#)  
  
[httr2::oauth\\_client\(\)](#), [2](#), [4](#)  
[httr2::oauth\\_token\(\)](#), [2](#), [3](#)  
[httr2::request\(\)](#), [2](#)  
  
[zoom\\_authenticate](#), [3](#)  
[zoom\\_browse\\_app\\_management](#), [3](#)  
[zoom\\_client](#), [4](#)  
[zoom\\_client\(\)](#), [3](#)