

# Package ‘zoomr’

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**Title** Connect to Your 'Zoom' Data

**Version** 0.4.0

**Description** Facilitates making a connection to the 'Zoom' API and executing various queries. You can use it to get data on 'Zoom' webinars and 'Zoom' meetings. The 'Zoom' documentation is available at [<https://developers.zoom.us/docs/api/>](https://developers.zoom.us/docs/api/). This package is not supported by 'Zoom' (owner of the software).

**URL** <https://github.com/chrisumphlett/zoomr>

**BugReports** <https://github.com/chrisumphlett/zoomr/issues>

**License** CC0

**Encoding** UTF-8

**Imports** dplyr (>= 1.0.0), magrittr (>= 1.5), jsonlite (>= 1.6.1), httr (>= 1.4.1), glue (>= 1.4.2), rlang (>= 1.0.4), tidyr (>= 1.1.4), janitor (>= 2.1.0), tidyselect (>= 1.1.1), purrr (>= 0.3.4)

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get_account_users	<i>Get All Users in an Account</i>
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### Description

Get all users in a zoom account. The user id is required to get a list of webinars hosted by a particular user.

### Usage

```
get_account_users(account_id, client_id, client_secret)
```

### Arguments

account_id	Account Id granted by the Zoom developer app.
client_id	Client Id granted by the Zoom developer app.
client_secret	Client secret granted by the Zoom developer app.

### Value

A data frame with the list of all users in the account.

### See Also

See <<https://marketplace.zoom.us/docs/api-reference/zoom-api/>> for documentation on the Zoom API.

### Examples

```
## Not run:
dat <- get_account_users(your_account_id,
  your_client_id,
  your_client_secret)

## End(Not run)
```

---

get\_meeting\_details    *Get Meeting Details*

---

### Description

Get metadata about a single meeting including participant count, duration, and other meeting statistics.

### Usage

```
get_meeting_details(meeting_id, account_id, client_id, client_secret)
```

### Arguments

meeting_id	Zoom Meeting ID (from list_meetings).
account_id	Account ID granted by the Zoom developer app.
client_id	Client ID granted by the Zoom developer app.
client_secret	Client secret granted by the Zoom developer app.

### Details

This function retrieves basic meeting metadata. For more comprehensive meeting analytics and participant data, users with Pro+ Zoom accounts can access the Reports API endpoints which provide enhanced meeting details and participant information.

### Value

A data frame with the metadata about a meeting. The type column contains integer codes describing the meeting structure/format, while meeting\_format\_label provides human-readable descriptions:

- 1 = Instant meeting
- 2 = Scheduled meeting
- 3 = Recurring meeting (no fixed time)
- 8 = Recurring meeting (fixed time)
- 10 = Screen share only meeting

### See Also

Official Zoom API documentation: <https://developers.zoom.us/docs/api/meetings/#tag/meetings/get/meetings/{meetingId}>

## Examples

```
## Not run:
dat <- get_meeting_details(meeting_id = "81753923023",
  your_account_id,
  your_client_id,
  your_client_secret)

## End(Not run)
```

---

get\_meeting\_participants

*Get Meeting Participants*

---

## Description

Get participant information from all instances of a meeting. For recurring meetings, this function automatically retrieves participants from all occurrences, making it ideal for workshop attendance tracking.

## Usage

```
get_meeting_participants(
  meeting_id,
  account_id,
  client_id,
  client_secret,
  page_size = 300
)
```

## Arguments

meeting_id	Zoom Meeting ID (from list_meetings).
account_id	Account ID granted by the Zoom developer app.
client_id	Client ID granted by the Zoom developer app.
client_secret	Client secret granted by the Zoom developer app.
page_size	Number of records per page. Default is 300.

## Details

### Important Limitations:

- Meeting instances older than 15 months cannot be retrieved
- This function works with all Zoom account types

**Enhanced Features for Pro+ Users:** Users with Pro+ Zoom accounts can access additional Reports API endpoints that provide more detailed participant analytics, custom date ranges, and enhanced filtering capabilities.

**Value**

A data frame with data on each participant at a meeting. Includes an 'instance\_date' column to identify which occurrence each participant attended (NA for non-recurring meetings).

**See Also**

Official Zoom API documentation: [https://developers.zoom.us/docs/api/meetings/#tag/meetings/get/past\\_meetings/{meetingId}/instances](https://developers.zoom.us/docs/api/meetings/#tag/meetings/get/past_meetings/{meetingId}/instances) and <https://developers.zoom.us/docs/api/meetings/#tag/reports/get/report/meetings/{meetingUuid}/participants>

**Examples**

```
## Not run:  
# Get participants from all instances of a meeting  
dat <- get_meeting_participants(  
  meeting_id = "81753923023",  
  your_account_id,  
  your_client_id,  
  your_client_secret)  
  
## End(Not run)
```

---

get\_panelists

*Get Webinar Panelists*

---

**Description**

Get the list of attendees who were also panelists from a single webinar.

**Usage**

```
get_panelists(webinar_id, account_id, client_id, client_secret)
```

**Arguments**

webinar_id	Zoom Webinar Id, typically an 11 digit number.
account_id	Account Id granted by the Zoom developer app.
client_id	Client Id granted by the Zoom developer app.
client_secret	Client secret granted by the Zoom developer app.

**Value**

A data frame with the list of panelists from that webinar.

**See Also**

See <https://marketplace.zoom.us/docs/api-reference/zoom-api/> for documentation on the Zoom API.

## Examples

```
## Not run:
dat <- get_webinar_panelists(webinar_id = "99911112222",
  your_account_id,
  your_client_id,
  your_client_secret)

## End(Not run)
```

---

get\_registration\_questions

*Get Webinar Registration Question Responses*

---

## Description

Get registration question answers from all registrants for a single webinar.

## Usage

```
get_registration_questions(
  webinar_id,
  account_id,
  client_id,
  client_secret,
  registrant_status = c("approved")
)
```

## Arguments

webinar_id	Zoom Webinar Id, typically an 11 digit number.
account_id	Account Id granted by the Zoom developer app.
client_id	Client Id granted by the Zoom developer app.
client_secret	Client secret granted by the Zoom developer app.
registrant_status	One or more of "approved", "pending", or "denied". Default is "approved" only.

## Value

A data frame with the registration question answers.

## See Also

See <https://marketplace.zoom.us/docs/api-reference/zoom-api/> for documentation on the Zoom API.

**Examples**

```
## Not run:
dat <- get_registration_questions(webinar_id = "99911112222",
  your_account_id,
  your_client_id,
  your_client_secret,
  c("approved", "denied", "pending"))

## End(Not run)
```

---

get\_tracking\_sources *Get Webinar Tracking Sources*

---

**Description**

Get a summary of registrations and visitors by tracking source for a specific webinar.

**Usage**

```
get_tracking_sources(webinar_id, account_id, client_id, client_secret)
```

**Arguments**

webinar_id	Zoom Webinar Id, typically an 11 digit number.
account_id	Account Id granted by the Zoom developer app.
client_id	Client Id granted by the Zoom developer app.
client_secret	Client secret granted by the Zoom developer app.

**Value**

A data frame with the list of panelists from that webinar.

**See Also**

See <<https://marketplace.zoom.us/docs/api-reference/zoom-api/>> for documentation on the Zoom API.

**Examples**

```
## Not run:
dat <- get_tracking_sources(webinar_id = "99911112222",
  your_account_id,
  your_client_id,
  your_client_secret)

## End(Not run)
```

---

get\_webinar\_details    *Get Webinar Details*

---

### Description

Get metadata about a single webinar.

### Usage

```
get_webinar_details(webinar_id, account_id, client_id, client_secret)
```

### Arguments

webinar_id	Zoom Webinar Id, typically an 11 digit number.
account_id	Account Id granted by the Zoom developer app.
client_id	Client Id granted by the Zoom developer app.
client_secret	Client secret granted by the Zoom developer app.

### Value

A data frame with the metadata about a webinar.

### See Also

See <<https://marketplace.zoom.us/docs/api-reference/zoom-api/>> for documentation on the Zoom API.

### Examples

```
## Not run:
dat <- get_webinar_details(webinar_id = "99911112222",
  your_account_id,
  your_client_id,
  your_client_secret)

## End(Not run)
```



---

`get_webinar_participants`*Get Webinar Participants*

---

**Description**

Get participant info about a single webinar.

**Usage**

```
get_webinar_participants(webinar_id, account_id, client_id, client_secret)
```

**Arguments**

<code>webinar_id</code>	Zoom Webinar Id, typically an 11 digit number.
<code>account_id</code>	Account Id granted by the Zoom developer app.
<code>client_id</code>	Client Id granted by the Zoom developer app.
<code>client_secret</code>	Client secret granted by the Zoom developer app.

**Value**

A data frame with data on each participant at a webinar.

**See Also**

See <<https://marketplace.zoom.us/docs/api-reference/zoom-api/>> for documentation on the Zoom API.

**Examples**

```
## Not run:  
dat <- get_webinar_participants(webinar_id = "99911112222",  
  your_account_id,  
  your_client_id,  
  your_client_secret)  
  
## End(Not run)
```

---

get_webinar_polls	<i>Get Webinar Polls</i>
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---

**Description**

Get the polls summary from a single webinar.

**Usage**

```
get_webinar_polls(webinar_id, account_id, client_id, client_secret)
```

**Arguments**

webinar_id	Zoom Webinar Id, typically an 11 digit number.
account_id	Account Id granted by the Zoom developer app.
client_id	Client Id granted by the Zoom developer app.
client_secret	Client secret granted by the Zoom developer app.

**Value**

A data frame with poll results from a webinar.

**See Also**

See <https://marketplace.zoom.us/docs/api-reference/zoom-api/> for documentation on the Zoom API.

**Examples**

```
## Not run:  
dat <- get_webinar_polls(webinar_id = "99911112222",  
  your_account_id,  
  your_client_id,  
  your_client_secret)  
  
## End(Not run)
```

---

get_webinar_qanda	<i>Get Webinar Q &amp; A</i>
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---

**Description**

Get the Q&A summary from a single webinar.

**Usage**

```
get_webinar_qanda(webinar_id, account_id, client_id, client_secret)
```

**Arguments**

webinar_id	Zoom Webinar Id, typically an 11 digit number.
account_id	Account Id granted by the Zoom developer app.
client_id	Client Id granted by the Zoom developer app.
client_secret	Client secret granted by the Zoom developer app.

**Value**

A data frame with all of the Q&A data from a webinar.

**See Also**

See <https://marketplace.zoom.us/docs/api-reference/zoom-api/> for documentation on the Zoom API.

**Examples**

```
## Not run:  
dat <- get_webinar_qanda(webinar_id = "99911112222",  
  your_account_id,  
  your_client_id,  
  your_client_secret)  
  
## End(Not run)
```

---

`get_webinar_registrants`*Get Webinar Registrants*

---

**Description**

Get registrant info about a single webinar.

**Usage**

```
get_webinar_registrants(  
  webinar_id,  
  account_id,  
  client_id,  
  client_secret,  
  registrant_status = c("approved")  
)
```

**Arguments**

<code>webinar_id</code>	Zoom Webinar Id, typically an 11 digit number.
<code>account_id</code>	Account Id granted by the Zoom developer app.
<code>client_id</code>	Client Id granted by the Zoom developer app.
<code>client_secret</code>	Client secret granted by the Zoom developer app.
<code>registrant_status</code>	One or more of "approved", "pending", or "denied". Default is "approved" only.

**Value**

A data frame with data on all the registrants for a webinar.

**See Also**

See <<https://marketplace.zoom.us/docs/api-reference/zoom-api/>> for documentation on the Zoom API.

**Examples**

```
## Not run:  
dat <- get_webinar_registrants(webinar_id = "99911112222",  
  your_account_id,  
  your_client_id,  
  your_client_secret,  
  c("approved", "denied", "pending"))  
  
## End(Not run)
```

---

list_meetings	<i>Get List of Meetings for a User</i>
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---

### Description

Get list of meetings for a User. This function retrieves meeting IDs and UUIDs to pass into other functions for detailed analysis.

### Usage

```
list_meetings(
  user_id,
  account_id,
  client_id,
  client_secret,
  meeting_type = "previous_meetings",
  page_size = 300
)
```

### Arguments

user_id	Zoom User ID or email address.
account_id	Account ID granted by the Zoom developer app.
client_id	Client ID granted by the Zoom developer app.
client_secret	Client secret granted by the Zoom developer app.
meeting_type	Type of meetings to retrieve. Options are: <ul style="list-style-type: none"> <li>• "previous_meetings" = All previous meetings (default)</li> <li>• "scheduled" = All valid previous, live, and upcoming scheduled meetings</li> <li>• "upcoming" = All upcoming meetings, including live meetings</li> <li>• "upcoming_meetings" = All upcoming meetings, including live meetings</li> <li>• "live" = Currently ongoing meetings</li> </ul>
page_size	Number of records per page. Maximum 300, default 300.

### Details

#### Important Limitations:

- **6-month historical limit:** When using "upcoming", "upcoming\_meetings", or "previous\_meetings", only meetings from the last 6 months are returned
- **Scheduled meetings only:** Does not return instant meetings
- **Unexpired meetings only:** Only returns meetings that haven't expired

**For Enhanced Historical Data Access:** Users with Pro+ Zoom accounts can access the Reports API endpoint `/report/users/{userId}/meetings` which offers:

- Date range filtering with from and to parameters
- Enhanced meeting details including participant information
- Better historical data retrieval capabilities

### Value

A data frame with meetings hosted by the specified user. The `meetings_type` column contains integer codes describing the meeting structure/format, while `meeting_format_label` provides human-readable descriptions:

- 1 = Instant meeting
- 2 = Scheduled meeting
- 3 = Recurring meeting (no fixed time)
- 8 = Recurring meeting (fixed time)
- 10 = Screen share only meeting

### See Also

Official Zoom API documentation: <https://developers.zoom.us/docs/api/meetings/#tag/meetings/get/users/{userId}/meetings>

### Examples

```
## Not run:
dat <- list_meetings(user_id = "user_id_string",
  your_account_id,
  your_client_id,
  your_client_secret,
  meeting_type = "previous_meetings")

## End(Not run)
```

---

list_webinars	<i>Get List of Webinars for a User.</i>
---------------	---

---

### Description

Get list of webinars for a User. This is used to get the webinar Id's to pass into other functions.

### Usage

```
list_webinars(user_id, account_id, client_id, client_secret)
```

**Arguments**

<code>user_id</code>	Zoom User Id.
<code>account_id</code>	Account Id granted by the Zoom developer app.
<code>client_id</code>	Client Id granted by the Zoom developer app.
<code>client_secret</code>	Client secret granted by the Zoom developer app.

**Value**

A data frame with all of the webinars hosted by a specific user.

**See Also**

See <https://marketplace.zoom.us/docs/api-reference/zoom-api/> for documentation on the Zoom API.

**Examples**

```
## Not run:  
dat <- get_webinar_details(user_id = "user_id_string",  
  your_account_id,  
  your_client_id,  
  your_client_secret)  
  
## End(Not run)
```

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