Package ‘databraryr’

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Type Package

Title Interact with the 'Databrary.org' API

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Description 'Databrary.org' is a restricted access repository for research data, especially video and audio. This package provides commands to interact with the data stored on 'Databrary.org'.

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assign_constants

Download Databrary Constants From API.

Description

Download Databrary Constants From API.

Usage

assign_constants(vb = FALSE, rq = NULL)

Arguments

vb A Boolean value. If TRUE provides verbose output.

rq An httr2 request object. Defaults to NULL.

Value

A data frame with the constants.
Examples

assign_constants()

check_ssl_certs()  
\textit{Check SSL Certificates For \texttt{nyu.databrary.org}.}

Description
check_ssl_certs checks the SSL certificates for nyu.databrary.org and returns a data frame with the relevant information.

Usage
check_ssl_certs(host = "nyu.databrary.org")

Arguments
host Target URL. Defaults to 'nyu.databrary.org'.

Value
A data frame with information about the SSL certificates.

Examples
check_ssl_certs()

**DATABRARY_API**

\textit{Load Package-wide Constants into Local Environment}

Description
Load Package-wide Constants into Local Environment

Usage

Format
An object of class character of length 1.
download_asset  Download Asset From Databrary.

Description

[Superseded]

download_asset() has been superseded in favor of download_video() and the more general download_session_asset().

Usage

download_asset(
  asset_id = 1,
  session_id = 9807,
  file_name = "test.mp4",
  target_dir = tempdir(),
  return_response = FALSE,
  vb = FALSE
)

Arguments

asset_id  Asset id for target file.
session_id  Slot/session number where target file is stored.
file_name  Name for downloaded file.
target_dir  Directory to save the downloaded file. Default is a temporary directory given by a call to tempdir().
return_response  A Boolean value.
vb  A Boolean value. If TRUE provides verbose output.

Value

A string that is the full file name of the asset.

Examples

download_asset() # Download's 'numbers' file from volume 1.
download_asset(asset_id = 11643, session_id = 9825, file_name = "rdk.mp4")
# Downloads a display with a random dot kinematogram (RDK).
**download_party**  
*Download Information About a Party on Databrary.*

**Description**

[Deprecated]
This function has been deprecated and may be removed in a future release. See `get_party_by_id()` for similar, and more general functionality.

**Usage**

```r
download_party(party_id = 6, convert_JSON = TRUE, vb = FALSE)
```

**Arguments**

- `party_id`  
  Party number to retrieve information about.

- `convert_JSON`  
  A Boolean value if TRUE converts the JSON download

- `vb`  
  A Boolean value if TRUE returns verbose output.

**Value**

A data frame with information about the party.

**Examples**

```r
download_party()
```

**download_party_avatar**  
*Returns the Avatar(s) (images) for Authorized User(s).*

**Description**

Returns the Avatar(s) (images) for Authorized User(s).

**Usage**

```r
download_party_avatar(
  party_id = 6,
  show_party_info = TRUE,
  vb = FALSE,
  rq = NULL
)
```
download_session_asset

Arguments

party_id  A number or range of numbers. Party number or numbers to retrieve information about. Default is 6 (Rick Gilmore).

show_party_info  A logical value. Show the person’s name and affiliation in the output. Default is TRUE.

vb  A Boolean value. If TRUE returns verbose output. Default is FALSE.

rq  An httr2 request object. If not provided, a new request is generated via make_default_request().

Value

An list with the avatar (image) file and a name_affil string.

Examples

## Not run:
download_party_avatar() # Show Rick Gilmore's (party 6) avatar.

# Download avatars from Databrary's founders (without name/affiliations)
download_party_avatar(5:7, show_party_info = FALSE)

# Download NYU logo
download_party_avatar(party = 8)

## End(Not run)

download_session_asset

Download Asset From Databrary.

Description

Databrary stores file types (assets) of many types. This function downloads an asset based on its system-unique integer identifier (asset_id) and system-unique session (slot) identifier (session_id).

Usage

download_session_asset(
  asset_id = 1,
  session_id = 9807,
  file_name = NULL,
  target_dir = tempdir(),
  vb = FALSE,
  rq = NULL
)
download_session_csv  Download Session Spreadsheet As CSV

Description
Databrary generates a CSV-formated spreadsheet that summarizes information about individual sessions. This command downloads that CSV file as a temporary file or with a name specified by the user.

Usage
```
download_session_csv(
  vol_id = 1,
  file_name = "test.csv",
  target_dir = tempdir(),
  as_df = FALSE,
  vb = FALSE,
  rq = NULL
)
```
Arguments

- **vol_id**: An integer. Target volume number. Default is 1.
- **file_name**: A character string. Name for the output file. Default is 'test.csv'.
- **target_dir**: A character string. Directory to save downloaded file. Default is `tempdir()`.
- **as_df**: A logical value. Convert the data from a list to a data frame. Default is FALSE.
- **vb**: A logical value. Provide verbose feedback. Default is FALSE.
- **rq**: An `httr2` request object. Default is NULL.

Value

A character string that is the name of the downloaded file or a data frame if `as_df` is TRUE.

Examples

```r
## Not run:
download_session_csv() # Downloads "session" CSV for volume 1
## End(Not run)
```

```r

```
Arguments

- **vol_id**: Volume number.
- **session_id**: Slot/session number.
- **out_dir**: Directory to save output file.
- **file_name**: Name for downloaded file, default is 'test.zip'.
- **vb**: A Boolean value. If TRUE provides verbose output.
- **rq**: An http2 request object. Default is NULL.

Value

Full filename of the downloaded file.

Examples

```r
## Not run:
download_session_zip() # Downloads Zip Archive from volume 31, session 9803
## End(Not run)
```

---

**download_video**

Download Video From Databrary.

Description

Download Video From Databrary.

Usage

```r
download_video(
  asset_id = 1,
  session_id = 9807,
  file_name = tempfile(paste0(session_id, "_", asset_id, "_"), fileext = "mp4"),
  target_dir = tempdir(),
  vb = FALSE,
  rq = NULL
)
```
download_volume_zip

Arguments

- **asset_id**: Asset id for target file.
- **session_id**: Slot/session number where target file is stored.
- **file_name**: Name for downloaded file.
- **target_dir**: Directory to save the downloaded file. Default is a temporary directory given by a call to `tempdir()`.
- **vb**: A Boolean value. If TRUE provides verbose output.
- **rq**: An `httr2` request object.

Value

Full file name to the asset.

Examples

```r
download_asset() # Download's 'numbers' file from volume 1.
download_asset(asset_id = 11643, session_id = 9825, file_name = "rdk.mp4")
# # Downloads a display with a random dot kinematogram (RDK).
```

Description

Download Zip Archive of All Data in a Volume.

Usage

```r
download_volume_zip(
  vol_id = 31,
  out_dir = tempdir(),
  file_name = "test.zip",
  vb = FALSE,
  rq = NULL
)
```

Arguments

- **vol_id**: Volume number.
- **out_dir**: Directory to save output file.
- **file_name**: Name for downloaded file, default is `test.mp4`.
- **vb**: A Boolean value. If TRUE provides verbose output.
- **rq**: An `httr2` request object. Default is NULL.
Value

Full filename of the downloaded file.

Examples

```r
## Not run:
download_volume_zip() # Zip file of all data from volume 31, the default.

## End(Not run)
```

### get_assets_from_session

*Helper function for list_volume_assets*

**Description**

Helper function for list_volume_assets

**Usage**

```r
get_assets_from_session(volume_container, ignore_materials = TRUE)
```

**Arguments**

- `volume_container`
  - The 'container' list from a volume.
- `ignore_materials`
  - A logical value.

### get_asset_segment_range

*Get Time Range For An Asset.*

**Description**

Get Time Range For An Asset.
Usage

```r
get_asset_segment_range(
  vol_id = 1,
  session_id = 9807,
  asset_id = 1,
  convert_JSON = TRUE,
  segment_only = TRUE,
  vb = FALSE,
  rq = NULL
)
```

Arguments

- `vol_id`: Volume ID
- `session_id`: Slot/session number.
- `asset_id`: Asset number.
- `convert_JSON`: A Boolean value. If TRUE, convert JSON to a data frame. Default is TRUE.
- `segment_only`: A Boolean value. If TRUE, returns only the segment values. Otherwise returns a data frame with two fields, segment and permission. Default is TRUE.
- `vb`: A Boolean value. If TRUE provides verbose output.
- `rq`: An `httr2` request object. Default is NULL.

Value

The time range (in ms) for an asset, if one is indicated.

Examples

```r
get_asset_segment_range()
```

---

**Description**

`GET_db_contents` is a helper function that retrieves information from the ‘Databrary.org’ API in a structured way.

[Deprecated]

This function has been deprecated and may be removed in a future version.
get_db_contents

Usage

get_db_contents(
    base_URL = "https://nyu.databrary.org",
    URL_components = "/api/volume/1",
    convert_JSON = TRUE,
    vb = FALSE
)

Arguments

URL_components Other components of API URL usually assembled using a paste0() command.
convert_JSON A Boolean value. If TRUE, convert JSON to a data frame. Default is TRUE.
vb A Boolean value. If TRUE provides verbose output.

Value

Output from GET command with the specified parameters, usually a string or a data frame.

Examples

GET_db_contents() # Returns a list with data from volume 1.

get_db_stats

Get Stats About Databrary.

Description

get_db_stats returns basic summary information about the institutions, people, and data hosted on 'Databrary.org'.

Usage

get_db_stats(type = "stats", vb = FALSE, rq = NULL)

Arguments

type Type of Databrary report to run "institutions", "people", "data"
vb A Boolean value. If TRUE provides verbose output.
rq An httr2 request object.

Value

A data frame with the requested data or NULL if there is no new information.
**get_file_duration**  

Get Duration (In ms) Of A File.

**Description**

Get Duration (In ms) Of A File.

**Usage**

```r
get_file_duration(  
  asset_id = 1,  
  types_w_durations = c("-600", "-800"),  
  vb = FALSE,  
  rq = NULL  
)
```

**Arguments**

- `asset_id`  
  Asset number.

- `types_w_durations`  
  Asset types that have valid durations.

- `vb`  
  A Boolean value. If TRUE provides verbose output.

- `rq`  
  An `httr2` request object. Default is NULL.

**Value**

Duration of a file in ms.

**Examples**

```r
get_file_duration() # default is the test video from databrary.org/volume/1
```
get_party_as_df

Retrieve Party (Person/Institution) Info as Data Frame.

Description

[Deprecated]
This function has been deprecated and may be removed in a future release. See get_party_by_id() for similar, and more general functionality.

Usage

get_party_as_df(party_id = 6, convert_JSON = TRUE, vb = FALSE)

Arguments

party_id Party number(s) to retrieve information about.
convert_JSON A Boolean value if TRUE converts the JSON download.
vb A Boolean value if TRUE returns verbose output.

Value

A data frame with information about the selected party or parties.

Examples

get_party_as_df() # Info about Rick Gilmore.
get_party_as_df(party_id = 8) # Info about NYU.
get_party_as_df(5:7) # Info about Databrary's founders #'

get_party_by_id

Download Information About a Party on Databrary as JSON

Description

Download Information About a Party on Databrary as JSON

Usage

get_party_by_id(party_id = 6, vb = FALSE, rq = NULL)
get_permission_levels

Arguments

- **party_id**
  - An integer. The party number to retrieve information about.

- **vb**
  - A Boolean value if TRUE returns verbose output.

- **rq**
  - An `httr2`-style request object. If NULL, then a new request will be generated using `make_default_request()`.

Value

A nested list with information about the party. This can be readily parsed by other functions.

Examples

```r
## Not run:
get_party_by_id()
## End(Not run)
```

---

get_permission_levels  *Extract Databrary Permission Levels.*

Description

Extract Databrary Permission Levels.

Usage

```r
get_permission_levels(vb = FALSE)
```

Arguments

- **vb**
  - A Boolean value. If TRUE provides verbose output.

Value

An array with the permission levels that can be assigned to data.

Examples

```r
get_permission_levels()
```
get_release_levels  Show Databrary Release Levels

Description
Show Databrary Release Levels

Usage
get_release_levels(vb = FALSE)

Arguments
vb  A Boolean value. If TRUE provides verbose output.

Value
A data frame with Databrary’s release levels.

Examples
get_release_levels()

get_session_as_df  Get Session Info From A Volume As A Data Frame.

Description
[Superseded]
This function has been superceded by list_volume_sessions().

Usage
get_session_as_df(vol_id = 1, vb = FALSE)

Arguments
vol_id  Target volume number.
vb  A boolean value.

Value
A data frame with session information from a volume.
get_session_by_id

Examples

```r
get_session_as_df() # Return Session Info from Volume 1.
#
```

---

**get_session_by_id**  
*Get Session (Slot) Data From A Databrary Volume*

Description

Get Session (Slot) Data From A Databrary Volume

Usage

```r
get_session_by_id(session_id = 9807, vol_id = 1, vb = FALSE, rq = NULL)
```

Arguments

- `session_id` An integer indicating a valid session/slot identifier linked to a volume. Default value is 9807, the materials folder for volume 1.
- `vol_id` An integer indicating the volume identifier. Default is 1.
- `vb` A logical value. Show verbose feedback. Default is FALSE.
- `rq` An htr2 request object.

Value

A JSON blob with the session data. If the user has previously logged in to Databrary via `login_db()`, then session(s) that have restricted access can be downloaded, subject to the sharing release levels on those session(s).

Examples

```r
## Not run:
get_session_by_id() # Default is Volume 1, Session 9807, the Materials folder

## End(Not run)
```
get_session_by_name

Get Session (Slot) Data From A Databrary Volume By Session Name.

Description

Get Session (Slot) Data From A Databrary Volume By Session Name.

Usage

get_session_by_name(
    session_name = "Advisory Board Meeting",
    vol_id = 1,
    vb = FALSE,
    rq = NULL
)

Arguments

session_name A string. The name of the target session. Defaults to "Advisory Board Meeting", the name of several of the sessions in the public Volume 1.
vol_id An integer indicating the volume identifier. Default is 1.
vb A logical value. Show verbose feedback. Default is FALSE.
rq An httr2 request, such as that generated by make_default_request().

Value

One or more JSON blobs (as lists) whose session name(s) match name in the given volume.

Examples

## Not run:
# Returns multiple JSON blobs with the name "Advisory Board Meeting" in Volume 1.
get_session_by_name()

get_session_by_name(name = 'Top-level materials')

## End(Not run)
get_supported_file_types
Extracts File Types Supported by Databrary.

Description
Extracts File Types Supported by Databrary.

Usage
get_supported_file_types(vb = FALSE)

Arguments
- vb: A Boolean value. If TRUE provides verbose output.

Value
A data frame with the file types permitted on Databrary.

Examples
get_supported_file_types()

get_video_stats
Report Stats About Videos in a Volume.

#’ @description [Superseded] get_video_stats() has been superseded in favor of summarize_videos_in_volume().

Usage
get_video_stats(this_vol_id = 2, vb = FALSE)

Arguments
- this_vol_id: Target volume number.
- vb: A boolean value.

Value
A data frame with summary statistics about the videos in the volume.
get_volume_by_id

Examples

```r
## Not run:
get_video_stats() # Retrieves summary statistics about videos in volume 2.

## End(Not run)
```

---

**get_volume_by_id**  
*Get Data From A Databrary Volume*

**Description**

Get Data From A Databrary Volume

**Usage**

```r
get_volume_by_id(vol_id = 1, vb = FALSE, rq = NULL)
```

**Arguments**

- `vol_id`  
  Volume ID.
- `vb`  
  A logical value. Show verbose messages.
- `rq`  
  An `httr2` request object. If NULL (the default), a new request is generated using `make_default_request()`. To access restricted data, the user must login with a specific request object using `login_db()`.

**Value**

A JSON blob with the volume data. If the user has previously logged in to Databrary via `login_db()`, then volume(s) that have restricted access can be downloaded, subject to the sharing release levels on those volume(s).

**Examples**

```r
get_volume_by_id() # Default is Volume 1
```
HHMMSSmmm_to_ms

Convert Timestamp String To ms.

**Description**

Convert Timestamp String To ms.

**Usage**

HHMMSSmmm_to_ms(HHMMSSmmm = "01:01:01:333")

**Arguments**

HHMMSSmmm  a string in the format "HH:MM:SS:mmm"

**Value**

A numeric value in ms from the input string.

**Examples**

HHMMSSmmm_to_ms() # 01:01:01:333 in ms

is_institution

Is This Party An Institution?

**Description**

Is This Party An Institution?

**Usage**

is_institution(party_id = 8, vb = FALSE, rq = NULL)

**Arguments**

party_id  Databrary party ID
vb  A Boolean value. If TRUE provides verbose output.
rq  An.httr2 request object.

**Value**

TRUE if the party is an institution, FALSE otherwise.
Examples

```r
is_institution() # Is party 8 (NYU) an institution.
```

---

**is_person**  
*Is This Party A Person?*

**Description**

Is This Party A Person?

**Usage**

```r
is_person(party_id = 7, vb = FALSE, rq = NULL)
```

**Arguments**

- **party_id**: Databrary party ID
- **vb**: A boolean value. If TRUE provides verbose output.
- **rq**: An `httr2` request object.

**Value**

TRUE if the party is a person, FALSE otherwise.

**Examples**

```r
is_person()
```

---

**list_affiliates**  
*List Affiliates for A Databrary Party.*

**Description**

`#' @description [Superseded]`

**Usage**

```r
list_affiliates(party_id = 6, report_target_party = FALSE, vb = FALSE)
```
list_assets_by_type

Arguments

party_id  Target volume number.
report_target_party  Report data about the target party. Default is FALSE.
vb  A Boolean value. If TRUE provides verbose output.

Details

This function has been superseded by list_party_affiliates().

Value

A data frame with information about assets in a volume, sorted by type.

Examples

list_assets_by_type() # Lists assets in volume 2.

---

list_assets_by_type  List Stored Assets (Files) By Type.

Description

[Deprecated]
This function is deprecated and may be removed from a future version of the package. list_volume_assets() is preferred.

Usage

list_assets_by_type(vol_id = 2, type = "video", vb = FALSE)

Arguments

vol_id  Volume ID
type  Data file type, e.g. "video", "pdf", or "csv"
vb  A boolean value. If TRUE provides verbose output.

Value

A data frame with information about assets in a volume, sorted by type.

Examples

list_assets_by_type() # Lists assets in volume 2.
list_assets_in_session

Assets In Databrary Session.

Description

[Superseded]
This function has been superseded by list_session_assets().

Usage

list_assets_in_session(session_id = 9807, vb = FALSE)

Arguments

session_id  Slot/session ID.
vb           A Boolean value. If TRUE provides verbose output.

Value

A data frame with information about a selected session.

Examples

list_assets_in_session() # Assets in session 9807 (from Volume 1)
#

list_assets_in_volume  List Assets in a Databrary Volume.

Description

[Deprecated]
This function has been deprecated in favor of list_volume_assets().

Usage

list_assets_in_volume(vol_id = 2, vb = FALSE)

Arguments

vol_id        Target volume number.
vb            A boolean value.
list_asset_formats

Value

A data frame with information about all assets in a volume.

Examples

    list_assets_in_volume() # Assets in volume 2

list_asset_formats

List Stored Assets (Files) By Type.

Description

List Stored Assets (Files) By Type.

Usage

    list_asset_formats(vb = FALSE)

Arguments

    vb A boolean value. If TRUE provides verbose output.

Value

A data frame with information about the data formats Databrary supports.

Examples

    list_asset_formats()

list_authorized_investigators

List Authorized Investigators at Institution

Description

List Authorized Investigators at Institution

Usage

    list_authorized_investigators(party_id = 12, vb = FALSE, rq = NULL)
Arguments

party_id Target party ID.

vb A Boolean value. If TRUE provides verbose output.

rq An `httr2`-style request object. If NULL, then a new request will be generated using `make_default_request()`.

Value

A data frame with information the institution’s authorized investigators.

Examples

```r
## Not run:
list_institutional_affiliates() # Default is Penn State (party 12)

## End(Not run)
```

---

`list_containers_records`

*List Containers and Records In Databrary Volume.*

Description

[Deprecated]

This function has been deprecated and may be removed in a future release. See `get_volume_by_id()` for related functionality.

Usage

`list_containers_records(vol_id = 1, vb = FALSE)`

Arguments

vol_id Databrary volume number.

vb A Boolean value. If TRUE provides verbose output.

Value

A list with containers and records from the specified volume.

Examples

```r
list_containers_records() # Containers and records from volume 1.
#'
```
**list_individual_sponsors**

*List A Party’s Individual Sponsors.*

**Description**

[Deprecated]

This function has been deprecated and may be removed in a future release. See `list_party_sponsors()` for similar functionality.

A party (person or institution) may have a sponsor that is another person or an institution. This function lists the *person(s)* who sponsor a party.

**Usage**

```r
list_individual_sponsors(party_id = 406, vb = FALSE, rq = NULL)
```

**Arguments**

- `party_id`  Party number. Default is 406 (Kasey Soska)
- `vb`        A Boolean value. If TRUE provides verbose output.
- `rq`        An `httr2` request object. If NULL (the default) a request will be generated, but this will only permit public information to be returned.

**Value**

A data frame with information about a party.

**Examples**

```r
## Not run:
list_individual_sponsors() # Default is Kasey Soska (party 406)
```

```r
## End(Not run)
```
list_institutional_sponsors

List Institutional Sponsors For A Party.

Description

[Deprecated]
This function has been deprecated and may be removed in a future release.

A party (person or institution) may have a sponsor that is another person or an institution. This function lists the institution(s) that sponsor a party.

Usage

list_institutional_sponsors(
  party_id = 6,
  report_target_party = FALSE,
  vb = FALSE
)

Arguments

party_id Target volume number.
report_target_party
  A Boolean value. Print info about the target party.
vb A Boolean value. If TRUE provides verbose output.

Value

A data frame with information about a party’s institutional sponsor(s).

Examples

list_institutional_sponsors() # Defaults to Rick Gilmore (party 6)

list_party

List Data For A Party (person or institution).

Description

[Deprecated]
This function has been deprecated and may be removed in a future release. See get_party_by_id() for similar functionality.
**list_party_affiliates**  

*List Affiliates For A Party*

**Description**  
List Affiliates For A Party

**Usage**  

```r  
list_party_affiliates(party_id = 6, vb = FALSE, rq = NULL)  
```

**Arguments**  

- `party_id`  
  Target party ID.
- `vb`  
  A Boolean value. If TRUE provides verbose output.
- `rq`  
  An `httr2` request object. Defaults to NULL.

**Value**  
A data frame with information about a party’s affiliates.

**Examples**  

```r  
list_party_affiliates() # Default is Rick Gilmore (party 6)  
```
**list_party_sponsors**  
*List Sponsors For A Party*

**Description**
List Sponsors For A Party

**Usage**
```
list_party_sponsors(party_id = 6, vb = FALSE, rq = NULL)
```

**Arguments**
- **party_id**: Target party ID.
- **vb**: A Boolean value. If TRUE provides verbose output.
- **rq**: An `httr2`-style request object. If NULL, then a new request will be generated using `make_default_request()`.

**Value**
A data frame with information about a party’s sponsors.

**Examples**
```
## Not run:
list_party_sponsors() # Default is Rick Gilmore (party 6)
## End(Not run)
```

---

**list_party_volumes**  
*List Volumes For A Party*

**Description**
List Volumes For A Party

**Usage**
```
list_party_volumes(party_id = 6, vb = FALSE, rq = NULL)
```
**list_people**

List Info About People.

**Description**

[Deprecated]

This function has been deprecated and may be removed in a future release. See `get_party_by_id()` for similar functionality.

**Usage**

```r
list_people(people_list = 5:7, vb = FALSE)
```

**Arguments**

- `people_list`: Party number(s) for people to list.
- `vb`: A Boolean value if TRUE returns verbose output.

**Value**

A data frame with information about the people in the specified range of party ID’s.

**Examples**

```r
list_people()  # Lists people with party IDs 5:7, DataBray's founders
```

## Not run:

```r
call_party_volumes()  # Default is Rick Gilmore (party 6)
```
list_sessions

Description

[Deprecated] list_sessions() has been deprecated in favor of list_volume_sessions().

Usage

list_sessions(vol_id = 1, vb = FALSE)

Arguments

- **vol_id**: Target volume ID. Defaults to 1.
- **vb**: A boolean value.

Value

Information about sessions in a volume.

Examples

list_sessions() # Lists sessions in volume 1.

list_sessions_in_volume

Description

[Superseded] list_sessions_in_volume() has been superseded in list_sessions().

Usage

list_sessions_in_volume(vol_id = 1, vb = FALSE)

Arguments

- **vol_id**: Target volume ID. Defaults to 1.
- **vb**: Provide verbose output. Default is FALSE.

Value

A data frame with information about the sessions in a volume.
Examples

```
list_sessions_in_volume() # Lists sessions in volume 1.
```

---

**list_session_activity**  
*List Activity History in Databrary Session.*

**Description**

If a user has access to a volume and session, this function returns the history of modifications to that session.

**Usage**

```
list_session_activity(session_id = 6256, vb = FALSE, rq = NULL)
```

**Arguments**

- `session_id`  
  Selected session/slot number.

- `vb`  
  A Boolean value. If TRUE provides verbose output.

- `rq`  
  An `httr2` request object. Defaults to NULL. To access the activity history on a volume a user has privileges on. Create a request (`rq <- make_default_request()`); login using `make_login_client(rq = rq)`; then run `list_session_activity(session_id = <YOUR_SESSION_ID>, rq = rq)`.

**Value**

A list with the activity history on a session/slot.

**Examples**

```
## Not run:
# The following will only return output if the user has write privileges
# on the session.

list_session_activity(session_id = 6256, vb = FALSE) # Activity for session 6256.

## End(Not run)
```
**list_session_assets**  
List Assets in a Session from a Databrary volume.

**Description**
List Assets in a Session from a Databrary volume.

**Usage**
```
list_session_assets(vol_id = 1, session_id = 9807, vb = FALSE, rq = NULL)
```

**Arguments**
- `vol_id`: Target volume number.
- `session_id`: The session number in the selected volume.
- `vb`: A boolean value.
- `rq`: An httr2 request object.

**Value**
A data frame with information about all assets in a volume.

**Examples**
```
## Not run:
list_session_assets() # Session 9807 in volume 1

## End(Not run)
```

**list_specified_assets_in_session**
Lists assets in a given Databrary session (slot).

**Description**
Lists assets in a given Databrary session (slot).

**Usage**
```
list_specified_assets_in_session(
    session_id = 9807,
    media_type = "MPEG-4 video",
    vb = FALSE
)
```
Arguments

- session_id: Slot/session ID.
- media_type: A string indicating what type of file.
- vb: A Boolean value. If TRUE provides verbose output.

Value

A data frame with the assets in the selected volume and session.

Description

List Sponsors For A Party

Usage

```r
list_sponsors(party_id = 6, vb = FALSE, rq = NULL)
```

Arguments

- party_id: Target party ID.
- vb: A Boolean value. If TRUE provides verbose output.
- rq: An httr2-style request object. If NULL, then a new request will be generated using make_default_request().

Value

A data frame with information about a party’s sponsors.

Examples

```r
## Not run:
list_sponsors() # Default is Rick Gilmore (party 6)

## End(Not run)
```
list_volume  
*List Info for a Databrary Volume.*

### Description

[Deprecated] `list_volume()` has been deprecated in lieu of other, more specific, volume-related functions. It will be dropped from a future release.

### Usage

```r
list_volume(vol_id = 1, search_str = "", vb = FALSE)
```

### Arguments

- **vol_id** Target volume number.
- **search_str** The specific data to retrieve for the volume
- **vb** A Boolean value. If TRUE provides verbose output.

### Value

A data frame with information about a volume.

### Examples

```r
## Not run:
list_volume() # Default is volume 1

## End(Not run)
```

---

list_volume_activity  
*List Activity In A Databrary Volume*

### Description

If a user has access to a volume, this command lists the modification history of the volume as a

### Usage

```r
list_volume_activity(vol_id = 1, vb = FALSE, rq = NULL)
```

### Arguments

- **vol_id** Selected volume number.
- **vb** A Boolean value. If TRUE provides verbose output.
- **rq** An `httr2` request object. Defaults to NULL.
list_volume_assets

Value

A list with the activity history on a volume.

Examples

```r
## Not run:
# The following will only return output if the user has write privileges
# on the volume.
list_volume_activity(vol_id = 1) # Activity on volume 1.
## End(Not run)
```

list_volume_assets List Assets in Databrary Volume.

Description

List Assets in Databrary Volume.

Usage

```r
list_volume_assets(vol_id = 1, vb = FALSE, rq = NULL)
```

Arguments

- **vol_id**: Target volume number. Default is 1.
- **vb**: A logical value. Default is FALSE.
- **rq**: An `httr2` request object. Default is NULL.

Value

A data frame with information about all assets in a volume.

Examples

```r
## Not run:
list_volume_assets() # Assets in volume 1
## End(Not run)
```
### list_volume_excerpts

**List Image or Video Excerpts On A Databrary Volume.**

#### Description

List Image or Video Excerpts On A Databrary Volume.

#### Usage

```r
list_volume_excerpts(vol_id = 1, vb = FALSE, rq = NULL)
```

#### Arguments

- **vol_id**
  - Target volume number.

- **vb**
  - A Boolean value. If TRUE provides verbose output.

- **rq**
  - An `httr2` request object. Default is NULL.

#### Value

A list with information about any available excerpts.

#### Examples

```r
list_volume_excerpts()
```

### list_volume_funding

**Lists Funders Associated With a Databrary Volume.**

#### Description

Lists Funders Associated With a Databrary Volume.

#### Usage

```r
list_volume_funding(vol_id = 1, vb = FALSE, rq = NULL)
```

#### Arguments

- **vol_id**
  - Target volume number.

- **vb**
  - A Boolean value. If TRUE provides verbose output.

- **rq**
  - An `httr2` request object.
Value
A data frame with funder information for the volume.

Examples

```r
## Not run:
list_volume_funding() # Funding for volume 1

list_volume_funding(vol_id = c(1:10))

## End(Not run)
```

---

list_volume_links  
Retrieves URL Links From A Databrary Volume.

Description
Retrieves URL Links From A Databrary Volume.

Usage

```r
list_volume_links(vol_id = 1, vb = FALSE, rq = NULL)
```

Arguments

- **vol_id**: Target volume number.
- **vb**: A Boolean value. If TRUE, provides verbose output.
- **rq**: An `httr2` request object.

Value
A data frame with the requested data.

Examples

```r
## Not run:
list_volume_links() # Links from volume 1

## End(Not run)
```
list_volume_metadata  List Volume Metadata.

Description

[Deprecated]
This function has been deprecated and may be removed in a future release. See get_volume_by_id() and other list_volume_* functions for related functionality.

Usage

list_volume_metadata(vol_id = 1, vb = FALSE)

Arguments

vol_id  Selected volume number.
vb  A Boolean value. If TRUE provides verbose output.

Value

A data frame with metadata about a volume.

Examples

list_volume_metadata() # List info about volume 1.

list_volume_owners  List Owners of a Databrary Volume.

Description

List Owners of a Databrary Volume.

Usage

list_volume_owners(vol_id = 1, vb = FALSE, rq = NULL)

Arguments

vol_id  Selected volume number. Default is volume 1.
vb  A boolean value. If TRUE provides verbose output.
rq  An httr2 request object. If NULL (the default) a request will be generated, but this will only permit public information to be returned.
Value

A data frame with information about a volume’s owner(s).

Examples

```r
list_volume_owners() # Lists information about the owners of volume 1.
```

---

**list_volume_sessions**  
*List Sessions in Databrary Volume.*

Description

List Sessions in Databrary Volume.

Usage

```r
list_volume_sessions(
  vol_id = 1,
  include_vol_data = FALSE,
  vb = FALSE,
  rq = NULL
)
```

Arguments

- `vol_id`  
  Target volume number.

- `include_vol_data`  
  A Boolean value. Include volume-level metadata or not. Default is FALSE.

- `vb`  
  A Boolean value. Show verbose output. Default is FALSE.

- `rq`  
  An `httr2` request object. If NULL (the default) a request will be generated, but this will only permit public information to be returned.

Value

A data frame with information about all assets in a volume.

Examples

```r
## Not run:
list_volume_sessions() # Sessions in Volume 1

## End(Not run)
```
### list_volume_tags

**Lists Keywords And Tags For A Volume.**

**Description**

Lists Keywords And Tags For A Volume.

**Usage**

```r
list_volume_tags(vol_id = 1, vb = FALSE, rq = NULL)
```

**Arguments**

- **vol_id** Target volume number.
- **vb** A Boolean value. If TRUE provides verbose output.
- **rq** An `httr2` request object.

**Value**

A data frame with the requested data.

**Examples**

```r
list_volume_tags()
```

### login_db

**Log In To Databrary.org.**

**Description**

Log In To Databrary.org.

**Usage**

```r
login_db(
  email = NULL,
  password = NULL,
  store = FALSE,
  overwrite = FALSE,
  vb = FALSE,
  SERVICE = KEYRING_SERVICE,
  rq = NULL
)
```
logout_db

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>email</td>
<td>Databrary account email address.</td>
</tr>
<tr>
<td>password</td>
<td>Databrary password (not recommended as it will displayed as you type)</td>
</tr>
<tr>
<td>store</td>
<td>A boolean value. If TRUE store/retrieve credentials from the system keyring/keychain.</td>
</tr>
<tr>
<td>overwrite</td>
<td>A boolean value. If TRUE and store is TRUE, overwrite/update stored credentials in keyring/keychain.</td>
</tr>
<tr>
<td>vb</td>
<td>A boolean value. If TRUE provides verbose output.</td>
</tr>
<tr>
<td>SERVICE</td>
<td>A character label for stored credentials in the keyring. Default is &quot;databrary&quot;</td>
</tr>
<tr>
<td>rq</td>
<td>An http request object. Defaults to NULL.</td>
</tr>
</tbody>
</table>

Value

Logical value indicating whether log in is successful or not.

Examples

```r
login_db() # Queries user for email and password interactively.

## Not run:
# The following shows how to use credentials that have been stored previously.

login_db(email = "you@provider.com", store = TRUE)

## End(Not run)
```

logout_db

Log Out of Databrary.org.

Description

Log Out of Databrary.org.

Usage

```r
logout_db(vb = FALSE, rq = NULL)
```

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>vb</td>
<td>A boolean value. If TRUE provides verbose output.</td>
</tr>
<tr>
<td>rq</td>
<td>An http2 request object. Defaults to NULL.</td>
</tr>
</tbody>
</table>
Value

TRUE if logging out succeeds, FALSE otherwise.

Examples

logout_db()

make_default_request  *Set default httr request parameters.*

Description

*make_default_request* sets default parameters for httr requests.

Usage

make_default_request()

Value

An *httr2* request object

Examples

make_default_request()

make_login_client  *Log In To Databrary.org.*

Description

Log In To Databrary.org.

Usage

make_login_client(
    email = NULL,
    password = NULL,
    store = FALSE,
    overwrite = FALSE,
    vb = FALSE,
    SERVICE = KEYRING_SERVICE,
    rq = NULL
)

**read_csv_data_as_df**

**Description**

[Deprecated]

This function has been deprecated and may be removed in a future release. See `download_session_asset()` for more similar, but more general functionality.

**Usage**

```r
read_csv_data_as_df(session_id = 9807, asset_id = 153108, vb = FALSE)
```

**Arguments**

- `session_id`: Session ID within some volume.
- `asset_id`: Asset ID within the session.
- `vb`: A Boolean value. If TRUE provides verbose output.
search_for_funder

Details

If a given Databrary session has a CSV file, this function will try to download it as a data frame.

Value

A data frame with the CSV data.

Examples

```r
read_csv_data_as_df() # Downloads a CSV depicting Databrary growth from volume 1
```

search_for_funder(search_string = "national+science+foundation", vb = FALSE, rq = NULL)

Description

Report Information About A Funder.

Usage

```r
search_for_funder(
  search_string = "national+science+foundation",
  vb = FALSE,
  rq = NULL
)
```

Arguments

- `search_string` String to search.
- `vb` A Boolean value. If TRUE provides verbose output.
- `rq` An `httr2` request object. Default is NULL.

Value

A data frame with information about the funder.

Examples

```r
search_for_funder("national+science+foundation")
```
search_for_keywords  
Search For Keywords in Databrary Volumes.

Description
Search For Keywords in Databrary Volumes.

Usage
search_for_keywords(search_string = "locomotion", vb = FALSE, rq = NULL)

Arguments
search_string  String to search.
vb  A Boolean value. If TRUE provides verbose output.
rq  An httr2 request object. Default is NULL.

Value
A list with the volumes that contain the keyword.

Examples
## Not run:
search_for_keywords() # searches for volumes with "locomotion" as a keyword.

search_for_keywords("adult") # searches for volumes with "adult" as a keyword.
## End(Not run)

search_for_tags  
Search For Tags on Volumes or Sessions.

Description
Search For Tags on Volumes or Sessions.

Usage
search_for_tags(search_string = "ICIS", vb = FALSE, rq = NULL)

Arguments
search_string  String to search.
vb  A Boolean value. If TRUE provides verbose output.
rq  An httr2 request object. Default is NULL.
summarize_videos_in_volume

Summarize Data About Videos in Databrary Volume.

Description

[Deprecated]
This function is deprecated and may be removed from a future version of the package. list_volume_assets() is preferred.

Usage

summarize_videos_in_volume(vol_id = 2, vb = FALSE)

Arguments

vol_id An integer. Selected volume number or numbers.

vb A Boolean value. If TRUE provides verbose output.

Value

Data frame with the vol_id, number of videos, and total hours.

Examples

## Not run:
summarize_videos_in_volume(vol_id = 2) # Summary of volume 2

summarize_videos_in_volume(vol_id = c(4, 5)) # Summarize volumes 4 & 5

## End(Not run)
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