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Author Jonathan Lin [aut, cre] (<https://orcid.org/0000-0001-8664-6846>)
Maintainer Jonathan Lin <hello@jonlin.ca>
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create_results_analyses

Create, Update or Delete Results - Analyses

Description
Create, Update or Delete Results - Analyses

Usage

create_results_analyses(auth, collection_id, name, ...)

update_results_analyses(auth, analysis_id, ...)

delete_results_analyses(auth, analysis_id)

Arguments

auth         Highbond authentication credentials, created from setup_highbond

collection_id The ID number of the collection

name         The name of the Results object to create

...          List(s) to add additional data

analysis_id  The ID number of the analyses
create_results_collections

Details

Each endpoint has a list of required elements, as listed in the parameters.

For optional data, such as attributes, you may pass additional lists. The top level name of this optional list should match the name of the json level to be added, with key-value pairs within the list. Ultimately, this list object will be added as a child json level, under the 'data' top level json.

For example: attributes is a json is nested under data, and therefore should be created as the name of the object. Then additional information can be added to it as a key-value pair to the list.

Value

If creating or updating, a data frame with the new details. When deleting, JSON response indicating success or failure.

Functions

- update_results_analyses: Update an analyses
- delete_results_analyses: Delete an analyses

create_results_collections

Create, Update or Delete Results - Collections

Description

Create, Update or Delete Results - Collections

Usage

create_results_collections(auth, name, ...)

update_results_analyses(auth, collection_id, ...)

delete_results_analyses(auth, collection_id)

Arguments

- auth: Highbond authentication credentials, created from setup_highbond
- name: The name of the Results object to create
- ...: List(s) to add additional data
- collection_id: The ID number of the collection
create_results_collections

Details

Each endpoint has a list of required elements, as listed in the parameters.

For optional data, such as attributes, you may pass additional lists. The top level name of this optional list should match the name of the json level to be added, with key-value pairs within the list. Ultimately, this list object will be added as a child json level, under the 'data' top level json.

For example: attributes is a json is nested under data, and therefore should be created as the name of the object. Then additional information can be added to it as a key-value pair to the list.

Value

If creating or updating, a data frame with the new details. When deleting, JSON response indicating success or failure.

Functions

• update_results_collections: Update a collection

• delete_results_collections: Delete a collection

Examples

```r
## Not run:
# Create and delete a Collection
auth <- setup_highbond(Sys.getenv("highbond_openapi"),
                        Sys.getenv("highbond_org"),
                        Sys.getenv("highbond_datacenter"))
name <- "galvanizer Test Collection"
response <- create_results_collections(auth, name)
collection_id <- response$id[[1]]
response <- delete_results_collections(auth, collection_id)

# Create a Collection with attributes
myattr <- list(description = "My first description")
response <- create_results_collections(auth, name, attributes = myattr)
collection_id <- response$id[[1]]

# Update a Collection with attributes
myattr <- list(name = "galvanizer Super Test Collection", description = "My second description")
response <- update_results_collections(auth, collection_id, attributes = myattr)

# Delete a Collection
response <- delete_results_collections(auth, collection_id)

## End(Not run)
```
create_results_columns

Create or Delete Results - Columns

Description

**post_results_records** will upload a data frame with the correct specification for the fields uploaded. You can use this function to add columns manually if preferred, especially if a non-standard column type.

Usage

create_results_columns(auth, table_id, columns)

Arguments

- **auth**: Highbond authentication credentials, created from `setup_highbond`
- **table_id**: The ID number of the table
- **columns**: A data frame with columns to be added

Details

When creating columns, the argument will accept a data frame. This data frame must only have three columns - field_name, display_name, and data_type. See API for allowable data_type.

When deleting columns, the argument will accept a data frame. This data frame must only have one column - field_name

Value

If creating or updating, a data frame with the new details. When deleting, JSON response indicating success or failure.

Examples

```r
## Not run:
auth <- setup_highbond(Sys.getenv('highbond_openapi'),
                       Sys.getenv('highbond_org'),
                       Sys.getenv('highbond_datacenter'))

field_name <- c("a", "b", "c", "d", "e", "f", "g")
display_name <- c("field_one", "field_two", "field_three",
                   "field_four", "field_five", "field_six", "field_seven")
data_type <- c("character", "numeric", "logical",
                "date", "datetime", "file", "digital_signature")
columns <- data.frame(field_name, display_name, data_type)

response <- create_results_columns(auth, table_id, columns)
```
create_results_tables  Create, Update or Delete Results - Tables

Description
Create, Update or Delete Results - Tables

Usage
create_results_tables(auth, analysis_id, name, ...)
update_results_tables(auth, table_id, ...)
delete_results_tables(auth, table_id)

Arguments
auth  Highbond authentication credentials, created from setup_highbond
analysis_id  The ID number of the analyses
name  The name of the Results object to create
...  List(s) to add additional data
table_id  The ID number of the table

Details
Each endpoint has a list of required elements, as listed in the parameters.
For optional data, such as attributes, you may pass additional lists. The top level name of this optional list should match the name of the json level to be added, with key-value pairs within the list. Ultimately, this list object will be added as a child json level, under the 'data' top level json.

For example: attributes is a json is nested under data, and therefore should be created as the name of the object. Then additional information can be added to it as a key-value pair to the list.

Value
If creating or updating, a data frame with the new details. When deleting, JSON response indicating success or failure.

Functions
- update_results_tables: Update an analyses
- delete_results_tables: Delete an analyses
get_projects

Retrieve Highbond Projects - Projects

Description

Downloads the primary details of one or all projects

Usage

get_projects(
  auth,
  project_id = NULL,
  fields = NULL,
  pagesize = 50,
  waittime = 0.2
)

Arguments

auth      Highbond authentication credentials, created from setup_highbond
project_id Project ID number. NULL will default to all items.
fields    OPTIONAL. A character vector each field requested within the project. NULL will default to all fields.
pagesize  Defaults to 50. Maximum is 100.
waittime  Time in seconds to wait between requests.

Details

Fields allowed: name, state, status, created_at, updated_at, description, background, budget, position, certification, control_performance, risk_assurance, management_response, max_sample_size, number_of_testing_rounds, opinion, opinion_description, purpose, scope, start_date, target_date, tag_list, project_type, entities

Value

A tibble of projects

Examples

## Not run:
projects <- get_projects(auth)
projects <- get_projects(auth, fields = c('name', 'state', 'status'))

## End(Not run)
get_project_actions

Retrieve Highbond Project - Actions

Description

"An action is a specific follow-up measure that is associated with an identified issue. You can add actions and assign action owners. You can also set up reminders for yourself to retest issues or track hours spent on retesting by self-assigning actions."

Usage

get_project_actions(
  auth,
  issue_id = NULL,
  action_id = NULL,
  fields = NULL,
  pagesize = 50,
  waittime = 0.2
)

Arguments

auth Highbond authentication credentials, created from setup_highbond
issue_id Required if other parameter is blank. May obtain multiple rows.
action_id Required if other parameter is blank. Will get only one.
fields OPTIONAL. A character vector each field requested within the project. NULL will default to all fields.
pagesize Defaults to 50. Maximum is 100.
waittime Time in seconds to wait between requests.

Details

possible fields: title, created_at, updated_at, owner_name, owner_email, send_recurring_reminder, include_issue_details, include_remediation_details, description, due_date, priority, closed, completed_date, status, submitted_on, custom_attributes, issue, assigned_by, cc_users

Value

A tibble of actions
get_project_collaborators

Retrieve Highbond Projects - Collaborators

Description

Get the collaborators, aka user roles in Project or Framework.

Usage

```
get_project_collaborators(
  auth,
  project_id = NULL,
  encoded_uid = NULL,
  fields = NULL,
  pagesize = 50,
  waittime = 0.2
)
```

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>auth</td>
<td>Highbond authentication credentials, created from setup_highbond</td>
</tr>
<tr>
<td>project_id</td>
<td>Required if other parameter is blank.</td>
</tr>
<tr>
<td>encoded_uid</td>
<td>Required if the other parameter is blank. Base64 encoded parent resource id (project or framework) and user uid, encoded from format parent_resource_id:user_uid.</td>
</tr>
<tr>
<td>fields</td>
<td>OPTIONAL. A character vector each field requested within the project. NULL will default to all fields.</td>
</tr>
<tr>
<td>pagesize</td>
<td>Defaults to 50. Maximum is 100.</td>
</tr>
<tr>
<td>waittime</td>
<td>Time in seconds to wait between requests.</td>
</tr>
</tbody>
</table>

Details

Fields allowed: project, framework, user, project_role, effective_role, organization_role, created_at, updated_at, group

Value

A tibble of collaborators
get_project_controls  Retrieve Highbond Project - Controls

Description

"A control is a program, policy, routine, or activity that is intended to mitigate a risk. Controls are organized by objectives, and can be associated with one or more risks. The combination of identified risks and corresponding controls defines the Risk Control Matrix. Controls are also known as procedures."

Usage

get_project_controls(
  auth,
  objective_id = NULL,
  control_id = NULL,
  fields = NULL,
  pagesize = 50,
  waittime = 0.2
)

Arguments

auth  Highbond authentication credentials, created from setup_highbond
objective_id  Required if other parameter is blank. May obtain multiple rows.
control_id  Required if other parameter is blank. Will get only one.
fields  OPTIONAL. A character vector each field requested within the project. NULL will default to all fields.
pagesize  Defaults to 50. Maximum is 100.
waittime  Time in seconds to wait between requests.

Details

possible fields: title, description, control_id, owner, frequency, control_type, prevent_detect, method, status, position, created_at, updated_at, custom_attributes, objective, walkthrough, control_test_plan, control_tests, mitigations, owner_user, entities

Value

A tibble of controls
get_project_control_tests

Retrieve Highbond Project - Control Tests

Description

"Control tests evaluate the operating effectiveness of a control."

Usage

get_project_control_tests(
  auth,
  control_test_id,
  fields = NULL,
  pagesize = 50,
  waittime = 0.2
)

Arguments

auth         Highbond authentication credentials, created from setup_highbond
control_test_id       Will get only one.
fields       OPTIONAL. A character vector each field requested within the project. NULL will default to all fields.
pagesize     Defaults to 50. Maximum is 100.
waittime     Time in seconds to wait between requests.

Details

Only applicable to test plans with Internal Control types

Value

A tibble of control tests
### get_project_control_test_plans

**Retrieve Highbond Project - Test Plans**

#### Description

“A test plan is a document that details how controls are assessed. Test plans identify the testing method or type of evidence obtained, specify the total sample size (split amongst testing rounds), and illustrate test steps or attributes.”

#### Usage

```r
get_project_control_test_plans(
  auth,
  control_test_plan_id,
  fields = NULL,
  pagesize = 50,
  waittime = 0.2
)
```

#### Arguments

- **auth**: Highbond authentication credentials, created from `setup_highbond`
- **control_test_plan_id**: Will get only one.
- **fields**: OPTIONAL. A character vector each field requested within the project. NULL will default to all fields.
- **pagesize**: Defaults to 50. Maximum is 100.
- **waittime**: Time in seconds to wait between requests.

#### Details

Only applicable to test plans with Internal Control types

Possible fields: testing_round_number, not_applicable, sample_size, testing_results, testing_conclusion, created_at, updated_at, control, assigned_user

#### Value

A tibble of control test plans
get_project_entities  Retrieve Highbond Projects - Entities

Description
Get all the entities

Usage
get_project_entities(
  auth,
  entity_id = NULL,
  fields = NULL,
  pagesize = 50,
  waittime = 0.2
)

Arguments
auth
  Highbond authentication credentials, created from setup_highbond
entity_id
  NULL will default to all entities.
fields
  OPTIONAL. A character vector each field requested within the project. NULL will default to all fields.
pagesize
  Defaults to 50. Maximum is 100.
waittime
  Time in seconds to wait between requests.

Details
Fields allowed: title, description, created_at, updated_at, parent, children_count, entity_category

Value
A tibble of entities

get_project_entity_categories  Retrieve Highbond Projects - Entity Categories

Description
Get all the entity categories
get_project_issues

Usage

get_project_entity_categories(
    auth,
    entity_category_id = NULL,
    fields = NULL,
    pagesize = 50,
    waittime = 0.2
)

Arguments

auth     Highbond authentication credentials, created from setup_highbond
entity_category_id     NULL will default to all entity categories
fields     OPTIONAL. A character vector each field requested within the project. NULL will default to all fields.
pagesize     Defaults to 50. Maximum is 100.
waittime     Time in seconds to wait between requests.

Details

Fields allowed: title, description, position, entities_count, created_at, updated_at, entities

Value

A tibble of entities

get_project_issues     Retrieve Highbond Project - Issues

Description

"An issue is a problem, control gap, or exception that has been identified within a project. Adding an issue involves recording basic information about the issue and assigning the issue to an owner. Issues may also be known as deficiencies, findings, or another customized term."

Usage

get_project_issues(
    auth,
    project_id = NULL,
    issue_id = NULL,
    fields = NULL,
    pagesize = 50,
    waittime = 0.2
)
get_project_mitigations

Arguments

auth       Highbond authentication credentials, created from setup_highbond
project_id Required if other parameter is blank. May obtain multiple rows.
issue_id   Required if other parameter is blank. Will get only one.
fields     OPTIONAL. A character vector each field requested within the project. NULL
            will default to all fields.
pagesize   Defaults to 50. Maximum is 100.
waittime   Time in seconds to wait between requests.

Details

possible fields: title, description, creator_name, created_at, updated_at, position, owner, recom-
recommendation, deficiency_type, severity, published, identified_at, reference, reference_prefix, risk,
scope, escalation, cause, effect, cost_impact, executive_summary, executive_owner, project_owner,
closed, remediation_status, remediation_plan, remediation_date, actual_remediation_date, retest_deadline_date,
actual_retest_date, retesting_results_overview, custom_attributes, project, entities

Value

A tibble of issues

get_project_mitigations

Retrieve Highbond Project - Mitigations

Description

The mapping between controls and risks

Usage

get_project_mitigations(
  auth,
  mitigation_id,
  fields = NULL,
  pagesize = 50,
  waittime = 0.2
)

Arguments

auth       Highbond authentication credentials, created from setup_highbond
mitigation_id Will get only one.
fields     OPTIONAL. A character vector each field requested within the project. NULL
            will default to all fields.
pagesize   Defaults to 50. Maximum is 100.
waittime   Time in seconds to wait between requests.
get_project_narratives

Retrieve Highbond Project - Narratives

Description

"A narrative is a description of a business process or area under review. Narratives are also known as policies, process narratives, process descriptions, or control guides."

Usage

get_project_narratives(
  auth,
  objective_id = NULL,
  narrative_id = NULL,
  fields = NULL,
  pagesize = 50,
  waittime = 0.2
)

Arguments

auth: Highbond authentication credentials, created from setup_highbond
objective_id: Required if other parameter is blank. May obtain multiple rows.
narrative_id: Required if other parameter is blank. Will get only one row.
fields: OPTIONAL. A character vector each field requested within the project. NULL will default to all fields.
pagesize: Defaults to 50. Maximum is 100.
waittime: Time in seconds to wait between requests.

Details

possible fields: title, description, created_at, updated_at, objective

Value

A tibble of narratives
### get_project_objectives

**Retrieve Highbond Project - Objectives**

#### Description
Downloads the primary details of one or multiple objectives for a project. Also known as sections, processes, cycles, functional areas, application systems, or another custom term.

#### Usage

```r
get_project_objectives(
  auth,
  project_id = NULL,
  objective_id = NULL,
  fields = NULL,
  pagesize = 50,
  waittime = 0.2
)
```

#### Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>auth</td>
<td>Highbond authentication credentials, created from <code>setup_highbond</code></td>
</tr>
<tr>
<td>project_id</td>
<td>Required if other parameter is blank. May obtain multiple rows.</td>
</tr>
<tr>
<td>objective_id</td>
<td>Required if other parameter is blank. Will get only one row.</td>
</tr>
<tr>
<td>fields</td>
<td>OPTIONAL. A character vector each field requested within the project. NULL will default to all fields.</td>
</tr>
<tr>
<td>pagesize</td>
<td>Defaults to 50. Maximum is 100.</td>
</tr>
<tr>
<td>waittime</td>
<td>Time in seconds to wait between requests.</td>
</tr>
</tbody>
</table>

#### Details

Possible fields: title, description, reference, division_department, owner, executive_owner, created_at, updated_at, project, assigned_user, custom_attributes, position, risk_control_matrix_id, walkthrough_summary_id, testing_round_1_id, testing_round_2_id, testing_round_3_id, testing_round_4_id, entities

#### Value
A tibble of objectives
get_project_planning_files

*Retrieve Highbond Project - Planning Files*

**Description**

Downloads the primary details of one or multiple planning files for a project.

**Usage**

```r
get_project_planning_files(
  auth,
  project_id = NULL,
  planning_file_id = NULL,
  fields = NULL,
  pagesize = 50,
  waittime = 0.2
)
```

**Arguments**

- `auth`: Highbond authentication credentials, created from `setup_highbond`
- `project_id`: Required if other parameter is blank. May obtain multiple rows.
- `planning_file_id`: Required if other parameter is blank. Will get only one row.
- `fields`: OPTIONAL. A character vector each field requested within the project. NULL will default to all fields.
- `pagesize`: Defaults to 50. Maximum is 100.
- `waittime`: Time in seconds to wait between requests.

**Details**

Possible fields: `name`, `reference_id`, `description`, `position`, `created_at`, `updated_at`, `custom_attributes`, `project`

**Value**

A tibble of planning files.
get_project_request_items

Retrieve Highbond Project - Request Items

**Description**

Capture what you asked for

**Usage**

```r
get_project_request_items(
  auth,
  request_id,
  fields = NULL,
  pagesize = 50,
  waittime = 0.2
)
```

**Arguments**

- **auth**
  - Highbond authentication credentials, created from `setup_highbond`

- **request_id**
  - Will get only one.

- **fields**
  - OPTIONAL. A character vector each field requested within the project. NULL will default to all fields.

- **pagesize**
  - Defaults to 50. Maximum is 100.

- **waittime**
  - Time in seconds to wait between requests.

**Value**

A tibble of walkthroughs

---

going_project_result_files

Retrieve Highbond Project - Result Files

**Description**

Downloads the primary details of one or multiple result files for a project.
Usage

get_project_result_files(
    auth,
    project_id = NULL,
    results_file_id = NULL,
    fields = NULL,
    pagesize = 50,
    waittime = 0.2
)

Arguments

auth
  Highbond authentication credentials, created from setup_highbond

project_id
  Required if other parameter is blank. May obtain multiple rows.

results_file_id
  Required if other parameter is blank. Will get only one row.

fields
  OPTIONAL. A character vector each field requested within the project. NULL will default to all fields.

pagesize
  Defaults to 50. Maximum is 100.

waittime
  Time in seconds to wait between requests.

Details

  possible fields: name, reference_id, description, position, created_at, updated_at, custom_attributes, project

Value

  A tibble of result files

grep Projektens Risiken

Description

  "A narrative is a description of a business process or area under review. Narratives are also known as policies, process narratives, process descriptions, or control guides."

Usage

get_project_risks(
    auth,
    objective_id = NULL,
    risk_id = NULL,
    fields = NULL,
    pagesize = 50,
    waittime = 0.2
)
get_project_types

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>auth</td>
<td>Highbond authentication credentials, created from setup_highbond</td>
</tr>
<tr>
<td>project_type_id</td>
<td>NULL Defaults to all project types</td>
</tr>
<tr>
<td>fields</td>
<td>OPTIONAL. A character vector each field requested within the project. NULL will default to all fields.</td>
</tr>
<tr>
<td>pagesize</td>
<td>Defaults to 50. Maximum is 100.</td>
</tr>
<tr>
<td>waittime</td>
<td>Time in seconds to wait between requests.</td>
</tr>
</tbody>
</table>

Details

possible fields: title, description, risk_id, position, impact, likelihood, custom_attributes, created_at, updated_at, objective, mitigations, entities

Value

A tibble of Risks

get_project_types

Retrieve Highbond Projects - Project Types

Description

Downloads the primary details of one or all project types.

Usage

get_project_types(
  auth,
  project_type_id = NULL,
  fields = NULL,
  pagesize = 50,
  waittime = 0.2
)

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>auth</td>
<td>Highbond authentication credentials, created from setup_highbond</td>
</tr>
<tr>
<td>project_type_id</td>
<td>NULL Defaults to all project types</td>
</tr>
<tr>
<td>fields</td>
<td>OPTIONAL. A character vector each field requested within the project. NULL will default to all fields.</td>
</tr>
<tr>
<td>pagesize</td>
<td>Defaults to 50. Maximum is 100.</td>
</tr>
<tr>
<td>waittime</td>
<td>Time in seconds to wait between requests.</td>
</tr>
</tbody>
</table>
Details

Possible fields include: name, description, workflow, project_terms, certification_terms, control_terms, finding_terms, control_test_terms, finding_action_terms, narrative_terms, objective_terms, planning_terms, results_terms, risk_terms, test_plan_terms, walkthrough_terms

Value

A tibble of project types

---

get_project_type_custom_attributes

Retrieve Highbond Projects - Project Type Custom Attributes

Description

Get the custom attributes set within a project type. Note these are different than the custom terms used to rename fields. For those, see get_project_types

Usage

get_project_type_custom_attributes(
  auth,
  project_type_id = NULL,
  custom_attributes_id = NULL,
  fields = NULL,
  pagesize = 50,
  waittime = 0.2
)

Arguments

auth
  Highbond authentication credentials, created from setup_highbond

project_type_id
  Required if other parameter is blank.

custom_attributes_id
  Required if the other parameter is blank. Base64 encoded parent resource id (project or framework) and user uid, encoded from format parent_resource_id:user_uid..

fields
  OPTIONAL. A character vector each field requested within the project. NULL will default to all fields.

pagesize
  Defaults to 50. Maximum is 100.

waittime
  Time in seconds to wait between requests.

Value

A tibble of custom attributes
get_project_walkthroughs

Retrieve Highbond Project - Walkthroughs / Execute Procedures

Description

"A walkthrough is a series of steps you perform to establish the reliability of controls and test the design of controls. Each control you define has a corresponding walkthrough that is used to verify that the control is designed appropriately. In a Workplan workflow project, a walkthrough is called an execute procedure."

Usage

```r
get_project_walkthroughs(
  auth,
  walkthrough_id,
  fields = NULL,
  pagesize = 50,
  waittime = 0.2
)
```

Arguments

- `auth`  
  Highbond authentication credentials, created from `setup_highbond`
- `walkthrough_id`  
  Will get only one.
- `fields`  
  OPTIONAL. A character vector each field requested within the project. NULL will default to all fields.
- `pagesize`  
  Defaults to 50. Maximum is 100.
- `waittime`  
  Time in seconds to wait between requests.

Value

A tibble of walkthroughs

get_results_analyses

Retrieve Highbond Results - Analyses

Description

Downloads a list of Analyses in a Collection

Usage

```r
get_results_analyses(auth, collection_id = NULL, analysis_id = NULL)
```
get_results_columns

Arguments

auth  Highbond authentication credentials, created from setup_highbond
collection_id  Collection ID. Required if other parameter is blank.
analysis_id  Analyses ID. Required if other parameter is blank.

Value

A data frame of Analyses in a Collection

get_results_collections

Retrieve Highbond Results - Collections

Description

Downloads a list of collections

Usage

get_results_collections(auth, collection_id = NULL)

Arguments

auth  Highbond authentication credentials, created from setup_highbond
collection_id  Collection ID. Optional.

Value

A data frame of Collections

get_results_columns

Retrieve Highbond Results - Columns

Description

Gets the schema of a single table.

Usage

get_results_columns(auth, table_id)

Arguments

auth  Highbond authentication credentials, created from setup_highbond
table_id  Table ID. Required.
get_results_records

Value

A data frame column name and types of a single Table

description

Downloads the content in the structure as saved by Highbond Results, including metadata and
questionnaire responses (if applicable).

Usage

generate_records(auth, table_id, timezone = Sys.timezone())

Arguments

auth        Highbond authentication credentials, created from setup_highbond
table_id    The table to be downloaded
timezone    Defaults to Sys.timezone(). See OlsonNames() for a list of allowable time-
            zones.

details

Table ID can be found in the path of your Result table.  https://<company_name>.results.highbond.com/projects/<COLLECTION_ID>/controls/<ANALYSIS_ID>/control_tests/<TABLE_ID>

Value

A list containing the contents, table requested and the original response

Examples

## Not run:
response <- get_results_records(auth, 567890)

## End(Not run)
get_results_tables  Retrieve Highbond Results - Tables

Description

Downloads the primary details of one or all tables in an Analyses

Usage

get_results_tables(auth, analysis_id = NULL, table_id = NULL)

Arguments

auth    Highbond authentication credentials, created from setup_highbond
analysis_id    Analysis ID. Required if other parameter is blank.
table_id    Table ID. Required if other parameter is blank.

Value

A data frame of Tables in an Analyses

post_results_records  Upload Highbond Results - Records

Description

Uploads the content in to Highbond Results.

Usage

post_results_records(
  auth,
  table_id,
  upload = NULL,
  purge = FALSE,
  skipquestions = FALSE,
  sizelimit = 75000
)
Arguments

- **auth**: Highbond authentication credentials, created from `setup_highbond`
- **table_id**: The table to be downloaded
- **upload**: A data frame to be uploaded. Classes supported are `c('character', 'numeric', 'logical', 'Date', 'POSIXct', 'POSIXlt')`
- **purge**: FALSE by default. Whether or not to delete the contents of the table before overwriting.
- **skipquestions**: FALSE by default. Set TRUE if not purging and you don’t want to overwrite the responses within the Results table already.
- **sizelimit**: 75000 bytes (~75 kb) by default. Used to estimate chunk size. Reduce size if upload chunks tend to fail.

Details

Current Results in the table can be purged or not. If data is not purged, a check is performed that compatible types are being upload and all fields exist. If purged, there will be no checks done beforehand, which may alter structure of existing table.

If the Result table contains questionnaire responses, then any records that are being updated may need to have the responses also included as well. These fields are usually prefixed with a 'q'.

A result row is generally appended, however a Primary Key field within the Data Analytic Settings for that table may be specified so a record with the same primary key may be merged, rather than duplicated.

Value

No return value, although errors will be verbose

Examples

```r
## Not run:
upload <- data.frame(field_one = c('A','B','C'),
                      field_two = c(1, 2, 3),
                      field_three = c(10L, 11L, 12L),
                      field_four = c(TRUE, FALSE, TRUE),
                      field_five = c(as.Date('2019-01-01'), as.Date('2020-01-01'), as.Date('2021-12-31')),
                      field_six = c(as.POSIXct(Sys.time()), as.POSIXct(Sys.time()), as.POSIXct(Sys.time())))
post_results_records(auth, upload = upload, purge = TRUE)
## End(Not run)
```
setup_highbond  

**Highbond Authentication credentials**

---

**Description**

Assembles all the core authentication needed to connect to a Highbond instance.

**Usage**

```python
setup_highbond(apikey, instance, datacenter)
```

**Arguments**

- `apikey`  
  Highbond API token

- `instance`  
  The HighBond instance ID, also known as the organization number

- `datacenter`  
  The region code. Can be `'us'`, `'ca'`, `'eu'`, `'ap'`, `'au'`

**Details**


The instance (organization) number and datacenter can both be found from the Highbond launchpad, then accessing Options and Organization. [https://accounts.highbond.com/orgs/<ORG_ID>/details](https://accounts.highbond.com/orgs/<ORG_ID>/details)

**Value**

A Highbond Authentication credentials object to pass to your requests
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