Package 'preparationUser'

March 24, 2021

Title preparationUser

Version 1.36.0-1

API version v0.1

Description This swagger page describes the preparationUser API endpoints for ODM. These are typically used to find and retrieve preparation metadata. Before carrying out any API calls you will need an API token. API tokens can be obtained under your profile within the Genestack software. Further instructions can be found [here](https://odm-user-guide.readthedocs.io/en/latest/doc-odm-user-guide/getting-a-genestack-api-token.html). To try out calls in this swagger page: 1. Click the 'Authorize' button below to enter your API token 2. Scroll to the 'Parameters' section for the method you wish to try out and click the 'Try it out' button 3. Enter parameter values that you wish to try 4. Scroll to the bottom of the Parameters section and click the 'Execute' bar that appears   The server response will be in the section that follows.

Depends R (>= 3.3.2)

License Proprietary

Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

R topics documented:

PreparationSPoTApi_get_preparation
                              Retrieve a single preparation object by ID (accession)

Description

Retrieve a single preparation object by ID (accession)

Usage

```
PreparationSPoTApi_get_preparation(id, returned_metadata_fields, ...)
```

Arguments

id   Unique identifier (accession) of the object.

returned_metadata_fields

The parameter defines amount of metadata attributes to return: 1. `template` -
return metadata attributes according to applied template, if object doesn't have
applied template default template will be used. This is the default for User end-
points. 2. `all` - return all metadata attributes with values and null attributes,
if they are present in the applied template. This is the default for Curator end-
points.

PreparationSPoTApi_get_preparations_by_group
                              Retrieve preparations related to the given group

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Description

Retrieve preparations related to the given group

Usage

```
PreparationSPoTApi_get_preparations_by_group(
  id,
  returned_metadata_fields,
  page_offset,
  page_limit,
  ...
)
```

Arguments

id	Unique identifier (accession) of the object.
returned_metadata_fields	
	The parameter defines amount of metadata attributes to return: 1. `template` - return metadata attributes according to applied template, if object doesn't have applied template default template will be used. This is the default for User endpoints. 2. `all` - return all metadata attributes with values and null attributes, if they are present in the applied template. This is the default for Curator endpoints.
page_offset	Show the page pageOffset+1 results from the start of the results. E.g. 100 will show a page of results starting from the 101st result. The default value is 0.
page_limit	Maximum number of results to return per page (see Paging above). This value must be between 0 and 2000 (inclusive). The default is 2000.

PreparationSPoTApi_get_preparation_by_version

Retrieve a single preparation object by ID (accession)

Description

Retrieve a single preparation object by ID (accession)

Usage

```
PreparationSPoTApi_get_preparation_by_version(
  id,
  version,
  returned_metadata_fields,
  ...
)
```

Arguments

id	Unique identifier (accession) of the object.
version	Unique version of the object.
returned_metadata_fields	
	The parameter defines amount of metadata attributes to return: 1. `template` - return metadata attributes according to applied template, if object doesn't have applied template default template will be used. This is the default for User endpoints. 2. `all` - return all metadata attributes with values and null attributes, if they are present in the applied template. This is the default for Curator endpoints.

PreparationSPoTApi_get_preparation_versions
Retrieve a list of object versions by ID

Description

Retrieve a list of object versions by ID

Usage

```
PreparationSPoTApi_get_preparation_versions(id, ...)
```

Arguments

id   Unique identifier (accession) of the object.

PreparationSPoTApi_search_preparations
List or search for preparation metadata objects

Description

List or search for preparation metadata objects

Usage

```
PreparationSPoTApi_search_preparations(
  filter,
  query,
  search_specific_terms,
  returned_metadata_fields,
  sort,
  page_limit,
  page_offset,
  ...
)
```

Arguments

filter   Filter by preparation metadata (key-value metadata pair(s)). E.g. Digestion=Trypsin

query   Search for preparation objects via a full-text query over all preparation metadata
                fields. E.g. "reversed-phase liquid chromatography"

search_specific_terms

> If the full-text query term is present in an ODM dictionary, enabling this parameter will modify the query to include child terms of the full-text query. For example, the search query "Body fluid" can be expanded to include the term "Blood" (a child term of "Body fluid") so files containing either "Body fluid" or "Blood" in their metadata will be returned in the search results. The parent-child relationship is defined by the key "broaders" in the dictionary. If the full query term is not present in a dictionary then this parameter has no effect.

returned_metadata_fields

> The parameter defines amount of metadata attributes to return: 1. `template` - return metadata attributes according to applied template, if object doesn't have applied template default template will be used. This is the default for User endpoints. 2. `all` - return all metadata attributes with values and null attributes, if they are present in the applied template. This is the default for Curator endpoints.

sort

> Attribute to sort by, with optional ascending/descending marker, of the form `"[+|-]<key_name>"`. No marker or `"+"` indicates ascending sort, and `"-"` indicates descending sort. *Default:* sort by ID in ascending order.

page_limit

> Maximum number of results to return per page (see Paging above). This value must be between 0 and 2000 (inclusive). The default is 2000.

page_offset

> Show the page pageOffset+1 results from the start of the results. E.g. 100 will show a page of results starting from the 101st result. The default value is 0.