

Package ‘sampleCurator’

March 24, 2021

Title sampleCurator

Version 1.36.0-1

API version v0.1

Description

This is the API for layer 3 of the Roche pRed project. This swagger page describes the sampleCurator APIs. Before carrying out any API calls you will need an API token. API tokens can be obtained under your profile within the Genestack software. 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:

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SampleSPoTApi_add_atomic_sample

Create a single new object from a given data file with optional supplied metadata.

Description

Create a single new object from a given data file with optional supplied metadata.

Usage

SampleSPoTApi_add_atomic_sample(source, ...)

SampleSPoTApi_add_samples

Add new sample object

Description

Add new sample object

Usage

SampleSPoTApi_add_samples(source, ...)

Arguments

source

SampleSPoTApi_delete_sample

Delete a sample object

Description

Delete a sample object

Usage

SampleSPoTApi_delete_sample(id, ...)

Arguments

id Unique identifier (accession) of the object.

`SampleSPoTApi_get_sample`*Retrieve a single sample object by ID (accession)*

Description

Retrieve a single sample object by ID (accession)

Usage

```
SampleSPoTApi_get_sample(id, returned_metadata_fields, ...)
```

Arguments

<code>id</code>	Unique identifier (accession) of the object.
<code>returned_metadata_fields</code>	The parameter defines amount of metadata attributes to return: 1. <code>template</code> - 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. <code>all</code> - return all metadata attributes with values and null attributes, if they are present in the applied template. This is the default for Curator endpoints.

`SampleSPoTApi_get_sample_by_version`*Retrieve a single sample object by ID (accession)*

Description

Retrieve a single sample object by ID (accession)

Usage

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

Arguments

<code>id</code>	Unique identifier (accession) of the object.
<code>version</code>	Unique version of the object.
<code>returned_metadata_fields</code>	The parameter defines amount of metadata attributes to return: 1. <code>template</code> - 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. <code>all</code> - return all metadata attributes with values and null attributes, if they are present in the applied template. This is the default for Curator endpoints.

`SampleSPoTApi_get_sample_versions`*Retrieve a list of object versions by ID*

Description

Retrieve a list of object versions by ID

Usage

```
SampleSPoTApi_get_sample_versions(id, ...)
```

Arguments

<code>id</code>	Unique identifier (accession) of the object.
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`SampleSPoTApi_search_samples`*List or search for sample metadata objects*

Description

List or search for sample metadata objects

Usage

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

Arguments

<code>filter</code>	Filter by sample metadata (key-value metadata pair(s)). E.g. "Species or strain"="Homo sapiens"
<code>query</code>	Search for sample objects via a full-text query over all sample metadata fields. E.g. Clozapine

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. This value must be between 0 and 100 (inclusive).

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.

SampleSPoTApi_update_atomic_metadata

Update object metadata

Description

Update object metadata

Usage

```
SampleSPoTApi_update_atomic_metadata(id, body, ...)
```

Arguments**id**

Unique identifier (accession) of the object.

body

Metadata in the form of {key: value, key2: value2, ...}

`SampleSPoTApi_update_sample`*Update a sample object*

Description

Update a sample object

Usage

```
SampleSPoTApi_update_sample(id, body, ...)
```

Arguments

<code>id</code>	Unique identifier (accession) of the object.
<code>body</code>	Metadata in the form of {key: value, key2: value2, ...}