Lumada Data Catalog

7.3

REST API Reference Guide

This document is a reference guide for the REST APIs used in the Lumada Data Catalog and it is intended for the users with API access who manage metadata in Data Catalog.

Content

Preface

Intended audience

This document is intended for Lumada Data Catalog users with API access who manage the metadata in Data Catalog.

Product version

This document revision applies to the REST APIs in Data Catalog version 7.3 or later.

Release notes

Read the Data Catalog 7.3 Release Notes before installing and using this product. They may contain requirements or restrictions that are not fully described in this document or updates or corrections to this document. Release notes are available with the Data Catalog 7.3 software download.

Accessing product documentation

Product user documentation is available on the Data Catalog 7.3 documentation portal:

https://help.hitachivantara.com/Documentation/Lumada/Lumada_Data_Catalog/7.3

Check this site for the most current documentation, including important updates that may have been made after the release of the product.

Note: To configure the REST API server, see:

https://help.hitachivantara.com/Documentation/Lumada/Lumada_Data_Catalog/7.3/Install/Installation_on_Kubernetes#REST_Server

Getting help

Hitachi Vantara Lumada and Pentaho Support Portal is the destination for technical support of products and solutions sold by Hitachi Vantara. To contact technical support, log on to Hitachi Vantara Support Connect for contact information:

https://support.pentaho.com/hc/en-us

Revision history

Date	Software Version	Revision
October 2022	7.2	Initial 7.2 version
December 2022	7.3	**APIs added:** • Get a resource profile status and stat details by ID • Add_Multiple_Sources • Create_Resource/ Field_Level_Lineage in_Bulk • Update_Operation_Edges in_Bulk • Create_Quality_Statistics • Fetch_Quality_Statistics_Entities • Fetch last Rule run by the user • Fetch_Quality_Statistics_History

Rest API localization

Localization is the process of adapting software for a specific region or language by adding locale-specific components and translating text. The primary task of localization is translating the user interface elements and documentation to meet the language requirements of a specific locale. REST API error messages also supports localization.

Send locale in the API request

The process of sending locale in the API request can be done through the following options:

- Using third-party REST clients like Postman
- Using Swagger UI
- Using cURL command

The process of sending locale in the API request is described below.

Option 1: Using third-party REST clients like Postman

Select an API request and add value for **Accept-Language** key in **Headers** section, as displayed in the image below.
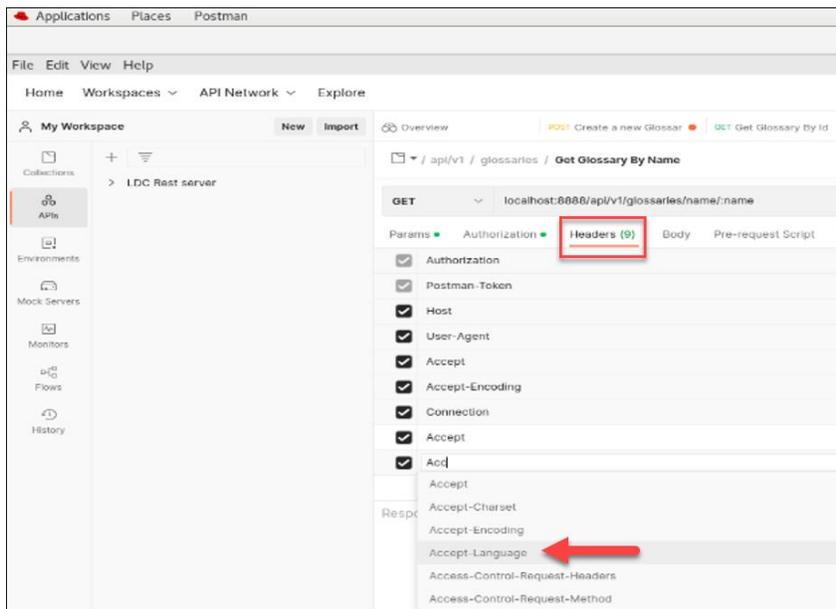
Value should be in the following valid locale format:

- Initial two characters in the value represent the **language** code
- Last two characters represent the **country** code

The value can be just the language code (first 2 characters), or both language and country code together.

Value	Description
fr-FR	fr – language code and FR – country code
fr	fr – language code for French
de	de – language code for German

Accept-Language key value is set, as displayed in the image below.
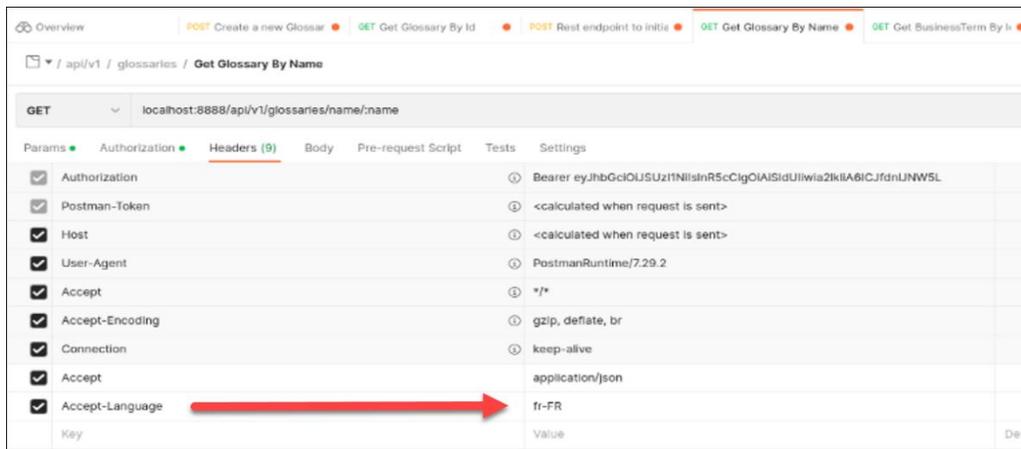
Response error message

If a request contains an invalid glossary name, response error messages are displayed in requested fr-FR locale, as displayed in the image below.
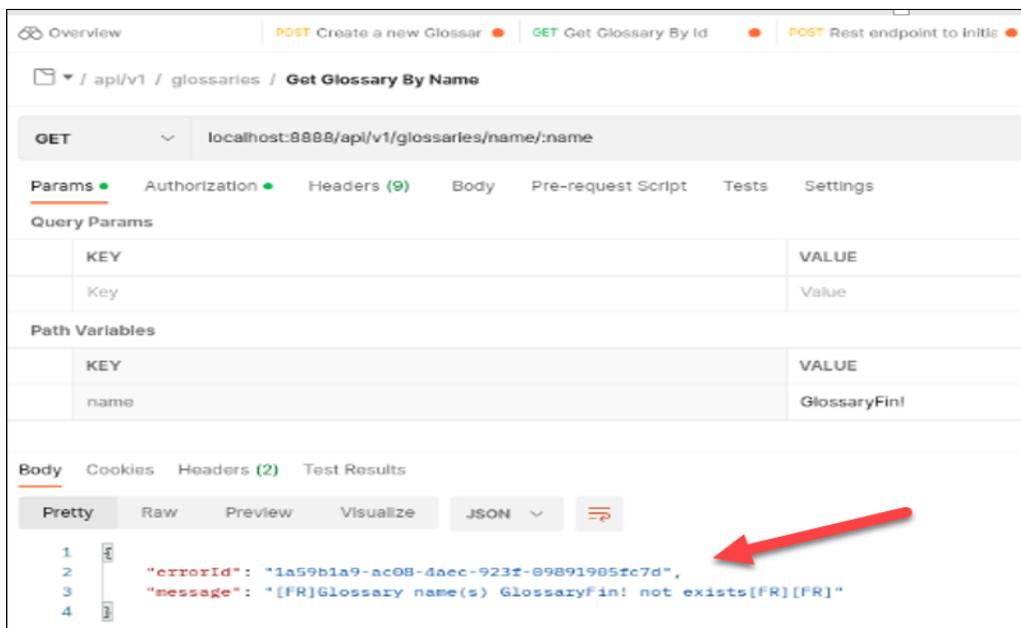
Option 2: Using Swagger UI

Step 1:

Change the preferred language in your browser settings. Following image displays the language settings section of the **Chrome** browser.
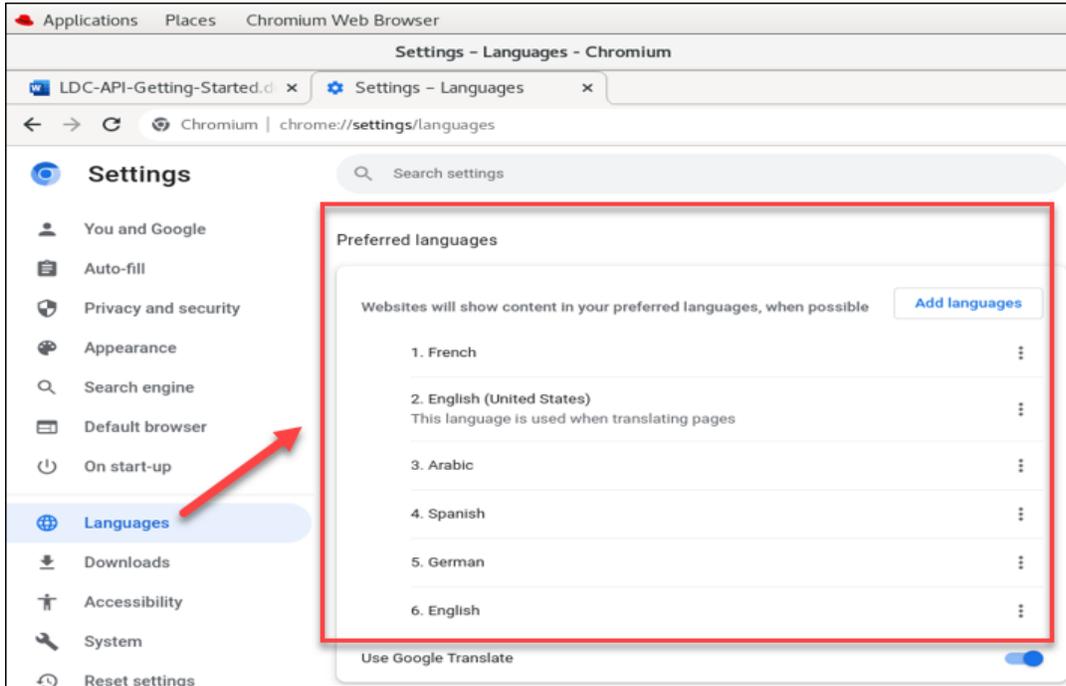
Step 2:

Open Swagger application and access an API. Error messages in response should be displayed in the preferred language.
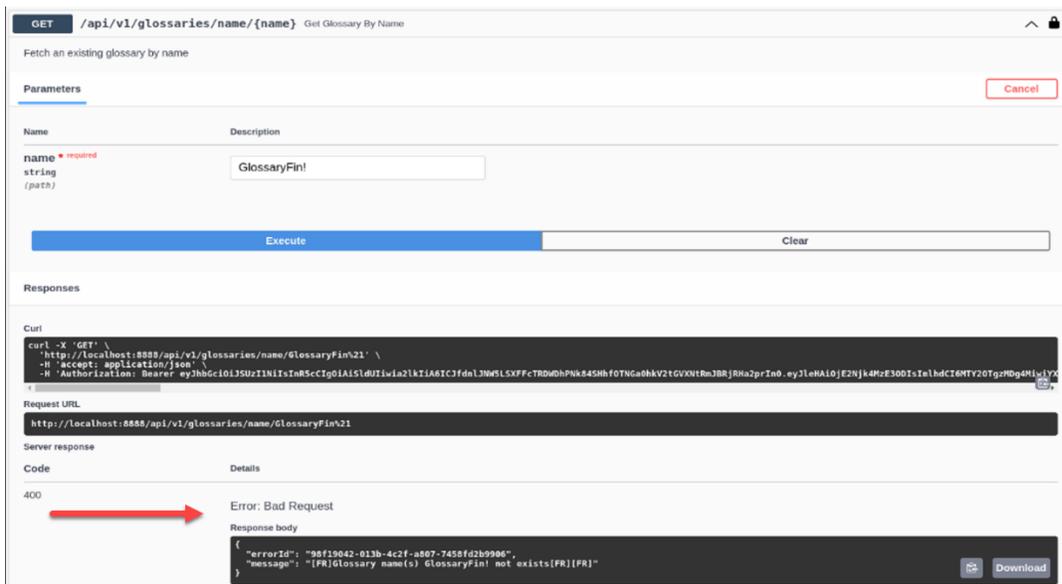
Option 3: Using cURL command

Step 1:

Specify the preferred-language value in place of **{preferred-language}** and the response will be in requested language.

```
curl -X 'POST' \

  'http://localhost:8888/api/v1/glossaries/name/:name' \

   -d 'name={GlossaryName}'\

  -H 'accept: application/json' \

  -H 'accept-language: {preferred-language}' \

  -H 'Authorization: Bearer {token}' \

  -H 'Content-Type: application/json'
```
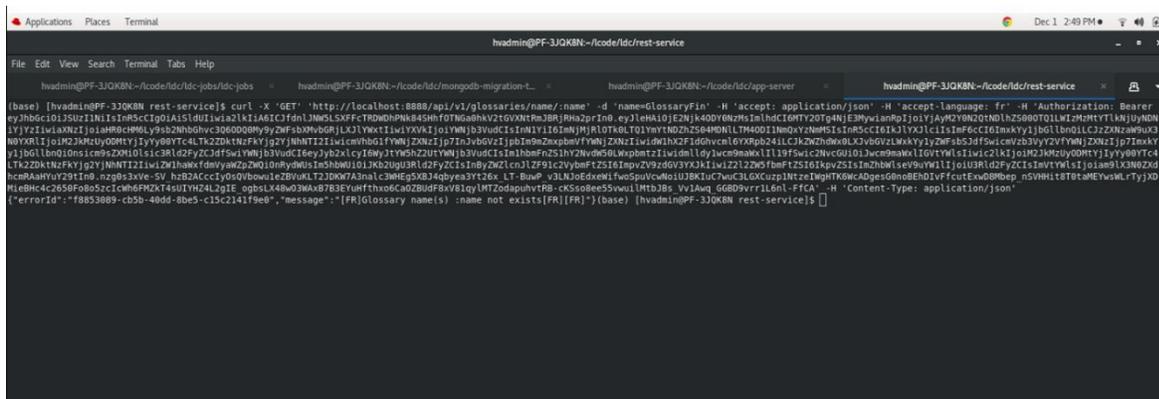

Configure locale support in helm charts

- Create a configmap with validation message files with the following syntax:

  ```
  kubectl create configmap validation-message --from-
  file=/tmp/ValidationMessages_fr_CA.properties -n <namespace-name>
  ```

- If you want to support multiple locales, then create config maps for all those files with below syntax:

  ```
  kubectl create configmap validation-message --from-
  file=/tmp/ValidationMessages_fr_CA.properties --from-
  file=/tmp/validation-messages/ValidationMessages_ja_JP.properties
  -n <namespace-name>
  ```

Naming convention for the validation message file names:

Naming Convention	Example
ValidationMessages_LanaguageCode_CountryCode.properties	ValidationMessages_en_US.properties
ValidationMessages_LanaguageCode.properties	ValidationMessages_fr.properties

Specify the **configmap** name, which is created above in the **custom-values.yaml** file:

```
1  ldc:
2    rest-server:
3        msgPropertiesConfigMapName: "validation-message"
```

This **configmap** file will be mounted into **rest-server pod** inside the **/app/conf** directory.

Use the Data Catalog REST API

You can use the Data Catalog REST APIs for many purposes. Specific API operations are described and run in the Swagger user interface.

Note: To access the Data Catalog REST APIs, you need to be assigned the **API Access** role permission.

API level role-based access control is applied to the Data Catalog REST APIs. You can run only those APIs that are permitted by the roles assigned to your user group. Refer to the Role-based access control (RBAC) section in the Data Catalog 7.3 documentation for details.

Access the Data Catalog REST API

Perform the following steps to access Data Catalog REST APIs.

Procedure:

1. Verify Data Catalog is running, and you know the IP address for the REST server pod.
2. Access the REST APIs through Swagger at:

   https://<rest-server-ip>: <rest-server-port>/swagger-ui/#/

   where **<rest-server-ip>** is the IP address for the REST server pod and **<rest-server-port>** is the

   port for the REST server pod.

   For example: http://localhost:8888/swagger-ui/#/
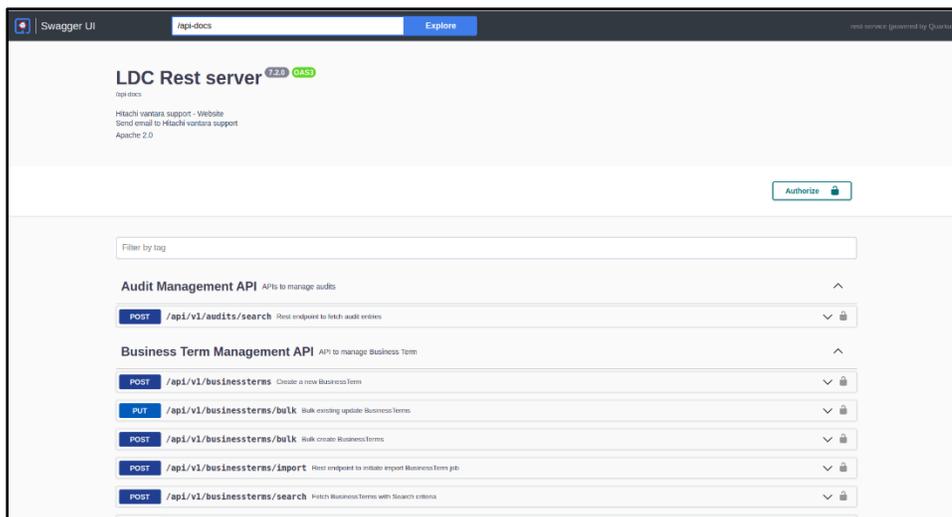
Initiate a Data Catalog API session

Authorization is mandatory for executing any REST APIs. You need to acquire a token from the authentication server through an authorization token endpoint and set the acquired token as the authorization header for the REST APIs. You can authorize using any of the following options:

- Swagger
- cURL
- Third-party REST client like Postman

Authorize using Swagger

Perform the following steps to authorize using Swagger.

Procedure:

1. Click **Authorize** from Swagger. **Available authorizations** dialog box appears with the authorization server information.
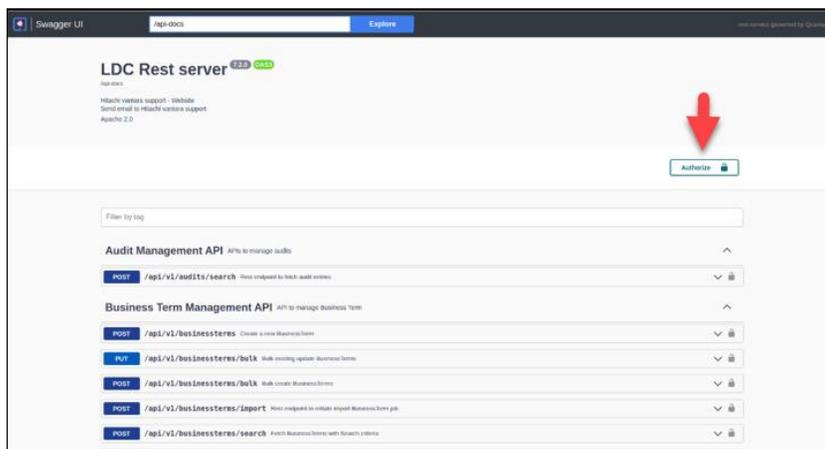
2. Verify the authorization server information and click **Authorize**.
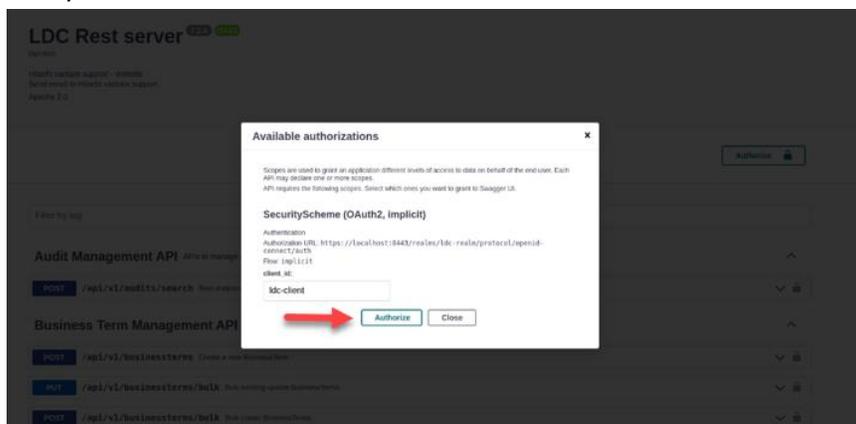
3. **Sign in to your account** (single sign-on) dialog box appears for user authentication. Specify your credentials (username and password) and click **Sign In**.
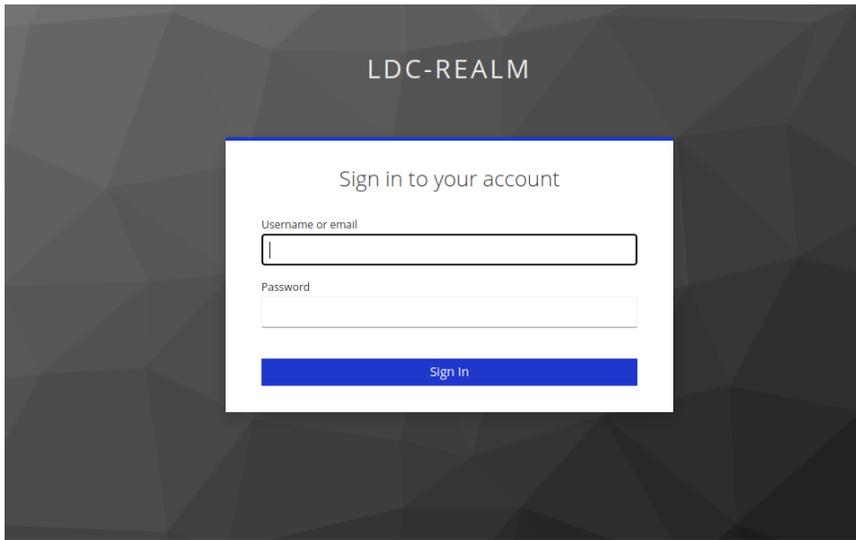
4. The **Available authorizations** dialog box reappears. Click **Close** in the **Available authorizations** dialog box**.**
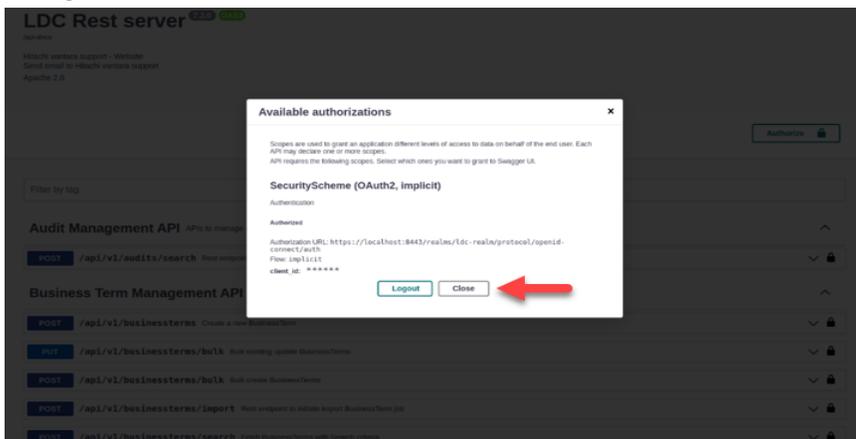
The list of accessible APIs opens. These APIs are ready for execution.

Authorize using cURL

Perform the following steps to authorize using cURL.

Procedure:

1. Acquire a token from the Authorization server using a token endpoint, as shown in the following example code.

```
curl --insecure \

  -d "client_id=ldc-client" \

  -d "username=joe_steward" \

  -d "password=xxxxxxxxxxxxx" \

  -d "grant_type=password" \

  "https://localhost:8443/realms/ldc-realm/protocol/openid-connect/token"
```

Output should be the **access_token** property and a generated token.

2. Copy and add the acquired token as a bearer token authorization header for the subsequent API calls, as shown in the following example code.

```
curl -X 'POST' \
  'http://localhost:8888/api/v1/glossaries/search' \
  -H 'accept: application/json' \
  -H 'Authorization: Bearer {token}' \
  -H 'Content-Type: application/json' \
  -d '{
  "filters": {},
  "page": {
    "index": 0,
    "size": 25
  },
  "sort": {
    "columns": [
      {
        "name": "_id",
        "direction": "DESC"
      }
    ]
  }
}'
```


You can now access the APIs.

Authorize using third-party REST client like Postman

Perform the following steps to authorize using a third-party REST client like Postman.

Procedure:

1. Acquire a token from the Authorization server using a token endpoint. Output should be the access_token property and a generated token.

2. Copy and add the acquired token as a bearer token authorization header for the subsequent API calls.

You can now access the APIs.

Search API

You can search for a record in the database and retrieve it with the search API in each collection. The request payload for the search API has a filter property. You can use the filter to refine your search results for specific records you want to view. For example, if you want to retrieve the virtual folder for a given data source, then the filter should be:

```
{

"beAttributes.vfPathSpecs.source": "<datasourceId>"

}
```

Assume that you want to retrieve the virtual folders for a given data source and the children of a given parent virtual folder, then the filter should be:

```
{

"beAttributes.vfPathSpecs.source": "<datasourceId>",

"parentVirtualFolder": "<parentVirtualFolderId>"

}
```

The above filter is a valid MongoDB query, which can be passed as a value to the filter property. You can find more information about the MongoDB queries at:

https://www.mongodb.com/docs/manual/reference/operator/query/

Audit Management

API to manage audits.

Fetch audit entries

Fetch all the audit entries. It also supports pagination, sorting and search to refine the search results.

POST https://localhost/api/v1/audits/search

Sample Request

curl -v -X POST "https://localhost/api/v1/audits/search" -d '{"filters": {}, "page": {"index": 0, "size": 25}, "sort": {"columns": {"name": "_id", "direction": "DESC"}}}'

```
{
   "filters": {},
   "page": {
      "index": 0,
      "size": 25
   },
   "sort": {
      "columns": {
         "name": "_id",
         "direction": "DESC"
      }
   }
}
```

Parameter	Type	Data Type	Required	Description
filters	body	object	N	Filters to apply during the search operation
page	body	object	N	Pagination details
sort	body	object	N	Sorting details
index	body	integer	N	Index of the page that you want to retrieve
size	body	integer	N	Number of records per page
columns	body	array	N	List of sortable columns

Sample Response

200 Paginated response

```
{
  "totalCount": 60,
  "list": [
    {
      "id": "633e71f243931a49ba36450a",
      "source": "Rest Service",
      "detail": {
        "userId": "633c661f75047a4c5244fc5a",
        "description": "audit description",
        "auditState": "SUCCESSFUL",
        "impactedObjects": [
          "633c661f75047a4c5244fc5a"
        ],
        "message": "Pagination request Successful",
        "operationName": "searchUsers",
        "attributes": {}
      },
      "dataVersion": 26,
      "timeOfCreation": "2022-03-10T16:15:50Z",
      "timeOfLastChange": "2022-03-10T16:15:50Z"
    }
  ],
  "sortableFields": [
    "id"
  ],
  "currentPage": 1,
  "totalPages": 6
}
```

Parameter	Data Type	Description
totalCount	integer	The total number of results found in the request.
list	array	Audits list
sortableFields	array	The list of fields using which the data in the list is sorted
currentPage	integer	Index of the currentPage
totalPages	integer	Total number of pages available for the filter

Business Term Management

API to manage Business terms.

Create Business term

Create a new Business term for provided inputs.

POST https://localhost/api/v1/businessterms

Sample Request

curl -v -X POST "https://localhost/api/v1/businessterms" -d '{"description": "This business term description", "displayName": "Business term display-name", "enabledForDiscovery": true, "externalId": "607567590ced4472ab23be73", "externalSource": "externalSource", "glossaryId": "607567590ced4472ab23be73", "immutable": false, "isBusinessEntity": false, "isBusinessEntityExpressionDefault": true, "labels": ["Example"], "learningEnable": false, "minConfidence": 0, "name": "BusinessTerm", "parentId": "607567590ced4472ab23be73", "regex": "Regex pattern", "regexMaxLength": 0, "regexMinLength": 0, "sensitivity": "Medium", "termReferenceId": "607567590ced4472ab23be73", "richDescriptionIds": ["607567590ced4472ab23be73"], "attributes": {"key": "value"}, "termState": "Accepted", "termScope": ["useInUnstructured"], "stopOnNthMatch": 100, "termType": "Value", "unstructuredText": false, "synonyms": ["synonyms"], "tagLp": {"index": 19, "length": 1076, "reference": "tag_lp/predefined_signatures", "type": "tag_lp"}, "anchorFlag": false, "anonymousName": false, "anonymousValues": false, "businessEntityExpression": "Value", "createResourceTermAssociation": false, "boundaryEnd": "Value", "boundaryStart": "Value", "businessCategory": "Value", "dataVersion": 26, "timeOfCreation": "2022-03-10T16:15:50Z", "timeOfLastChange": "2022-03-10T16:15:50Z", "type": "BusinessTerm", "maxConfidence": 0.67, "metadataCriteriaId": "607567590ced4472ab23be73", "useSeedFieldsAsLookup": false, "metadataCriteriaWeight": 0.56, "customProperties": [{"isFacetable": false, "isSearchable": false, "name": "property name", "propertyId": "633b03810cfbac6b55bd92e5", "value": "custom value", "isDefault": false}]}'

```
{
    "description": "This business term description",
    "displayName": "Business term display-name",
    "enabledForDiscovery": true,
    "externalId": "607567590ced4472ab23be73",
    "externalSource": "externalSource",
    "glossaryId": "607567590ced4472ab23be73",
    "immutable": false,
    "isBusinessEntity": false,
    "isBusinessEntityExpressionDefault": true,
    "labels": [
        "Example"
```

```
    ],
    "learningEnable": false,
    "minConfidence": 0,
    "name": "BusinessTerm",
    "parentId": "607567590ced4472ab23be73",
    "regex": "Regex pattern",
    "regexMaxLength": 0,
    "regexMinLength": 0,
    "sensitivity": "Medium",
    "termReferenceId": "607567590ced4472ab23be73",
    "richDescriptionIds": [
       "607567590ced4472ab23be73"
    ],
    "attributes": {
       "key": "value"
    },
    "termState": "Accepted",
    "termScope": [
       "useInUnstructured"
    ],
    "stopOnNthMatch": 100,
    "termType": "Value",
    "unstructuredText": false,
    "synonyms": [
       "synonyms"
    ],
    "tagLp": {
       "index": 19,
       "length": 1076,
       "reference": "tag_lp/predefined_signatures",
       "type": "tag_lp"
    },
    "anchorFlag": false,
    "anonymousName": false,
    "anonymousValues": false,
    "businessEntityExpression": "Value",
    "createResourceTermAssociation": false,
    "boundaryEnd": "Value",
    "boundaryStart": "Value",
    "businessCategory": "Value",
    "dataVersion": 26,
    "timeOfCreation": "2022-03-10T16:15:50Z",
```

```
    "timeOfLastChange": "2022-03-10T16:15:50Z",
    "type": "BusinessTerm",
    "maxConfidence": 0.67,
    "metadataCriteriaId": "607567590ced4472ab23be73",
    "useSeedFieldsAsLookup": false,
    "metadataCriteriaWeight": 0.56,
    "customProperties": [
      {
        "isFacetable": false,
        "isSearchable": false,
        "name": "property name",
        "propertyId": "633b03810cfbac6b55bd92e5",
        "value": "custom value",
        "isDefault": false
      }
    ]
}
```

Parameter	Type	Data Type	Required	Description
description	body	string	N	BusinessTerm text description
displayName	body	string	N	Business term display-name
enabledForDiscovery	body	boolean	N	Flag that indicates whether the term is available for discovery or not
externalId	body	string	N	ID in an external source if the term is imported
externalSource	body	string	N	externalSource Name
glossaryId	body	string	Y	Glossary Identifier
immutable	body	boolean	N	A boolean value representing whether the term is immutable or not
isBusinessEntity	body	boolean	N	Flag to check if this term is a BusinessEntity

Parameter	Type	Data Type	Required	Description
isBusinessEntityExpressionDefault	body	boolean	N	Default Business entity expression or custom expression
labels	body	array	N	List of labels for the business term
learningEnable	body	boolean	N	Use only reference data, don't use other data
minConfidence	body	number	N	Accept only those associations that are above this value
name	body	string	Y	Name of the Business Term
parentId	body	string	N	ObjectId of the parent Business term from which the current term is derived
regex	body	string	N	Regular Expression for Business term
regexMaxLength	body	number	N	Start to evaluate regex if field value is less or equal than this value
regexMinLength	body	number	N	Start to evaluate regex if field value is greater or equal than this value
sensitivity	body	object	N	Sensitivity of the term. Values can be 'High', 'Medium', 'Low', 'NonSensitive', 'Unknown'. Default is 'Unknown'
termReferenceId	body	string	N	It is a reference to another business term and is used during business entity discovery

Parameter	Type	Data Type	Required	Description
richDescriptionIds	body	array	N	Identifiers of the rich description ids
attributes	body	object	N	Additional details of the Business Term. Its key value pair e.g {"key":"value"}
termState	body	string	N	The state of the business Term. Possible values can be 'Suggested', 'Accepted', or 'Rejected'. Default is 'Accepted'.
termScope	body	array	N	The scope of the business Term. Possible values can be 'useInStructured', 'useInUnstructured'
stopOnNthMatch	body	integer	N	Number of matches at which processing should stop
termType	body	string	N	Enumerated values can be 'RegEx', 'Value'
unstructuredText	body	boolean	N	If true, treat term reference data (seed) as free text. Default value is false
synonyms	body	array	N	List of Synonyms
tagLp	body	object	N	Opaque object representing the location in discovery cache
anchorFlag	body	boolean	N	Flag to check if the term can be independently discovered without requiring context. Default value is false
anonymousName	body	boolean	N	If true, treat term and associated field names as

Parameter	Type	Data Type	Required	Description
				anonymous. Default value is false
anonymousValues	body	boolean	N	If true, treat term reference data (seed) as anonymous. Default value is false.
businessEntityExpression	body	string	N	BusinessEntity expression
createResourceTermAssociation	body	boolean	N	Used in term discovery for business entities. If true, will create term-resource association.
boundaryEnd	body	string	N	Used with reg exes as an optimization
boundaryStart	body	string	N	Used with reg exes as an optimization
businessCategory	body	string	N	Category Object ID
dataVersion	body	number	N	Monotonically increasing number to represent the data format version
timeOfCreation	body	string	N	Time stamp when the entity is created
timeOfLastChange	body	string	N	Time stamp when the entity is last updated
type	body	string	N	The type is constant here, which is 'BusinessTerm'
maxConfidence	body	number	N	Accept those associations automatically that are above this value.
metadataCriteriaId	body	string	N	Metadata Criteria for term assignment

Parameter	Type	Data Type	Required	Description
useSeedFieldsAsLookup	body	boolean	N	Flag to indicate usage of Seed Fields as Look-up Table.
metadataCriteriaWeight	body	number	N	Metadata Criteria Weight, default is 0, and needs to in the range of 0 to 1
customProperties	body	array	N	List of custom properties
index	body	integer	N	index
length	body	integer	N	length
reference	body	string	N	reference
type	body	string	N	type

Sample Response

201 Created business term

```
{
   "id": "607567590ced4472ab23be73",
   "tagLp": {
      "index": 19,
      "length": 1076,
      "reference": "tag_lp/predefined_signatures",
      "type": "tag_lp"
   },
   "anchorFlag": false,
   "anonymousName": false,
   "anonymousValues": false,
   "businessEntityExpression": "Value",
   "createResourceTermAssociation": false,
   "boundaryEnd": "Value",
   "boundaryStart": "Value",
   "businessCategory": "Value",
   "dataVersion": 26,
   "description": "This business term description",
   "displayName": "Business Term Display Name",
   "enabledForDiscovery": true,
   "externalId": "607567590ced4472ab23be73",
   "externalSource": "ETL",
```

```
"glossaryId": "607567590ced4472ab23be73",
"immutable": false,
"isBusinessEntity": false,
"isBusinessEntityExpressionDefault": true,
"labels": [
   "Example"
],
"learningEnable": false,
"logicalPath": "logicalPath",
"minConfidence": 0,
"name": "BusinessTerm",
"parentId": "607567590ced4472ab23be73",
"regex": "RegEx",
"regexMaxLength": 0,
"regexMinLength": 0,
"richDescriptionIds": [
   "607567590ced4472ab23be73"
],
"sensitivity": "Medium",
"synonyms": [
   "synonyms"
],
"termReferenceId": "607567590ced4472ab23be73",
"attributes": {
   "key": "value"
},
"termState": "Accepted",
"termScope": [
   "useInUnstructured"
],
"stopOnNthMatch": 100,
"termType": "Value",
"unstructuredText": false,
"timeOfCreation": "2022-03-10T16:15:50Z",
"timeOfLastChange": "2022-03-10T16:15:50Z",
"timeOfLastRegExChange": "2022-03-10T16:15:50Z",
"type": "BusinessTerm",
"maxConfidence": 0.67,
"metadataCriteriaId": "607567590ced4472ab23be73",
"useSeedFieldsAsLookup": false,
"metadataCriteriaWeight": 0.56,
"customProperties": [
```

```
    {
        "isFacetable": false,
        "isSearchable": false,
        "name": "property name",
        "propertyId": "633b03810cfbac6b55bd92e5",
        "value": "custom value",
        "isDefault": false
    }
  ]
}
```

Parameter	Data Type	Description
id	string	BusinessTerm Identifier
tagLp	object	Opaque object representing the location in discovery cache
anchorFlag	boolean	Flag to check if the term can be independently discovered without requiring context. Default value is false
anonymousName	boolean	If true, treat term and associated field names as anonymous. Default value is **false**.
anonymousValues	boolean	If true, treat term reference data (seed) as anonymous. Default value is **false**.
businessEntityExpression	string	BusinessEntity expression
createResourceTermAssociation	boolean	Used in term discovery for business entities. If true, will create term-resource association.
boundaryEnd	string	Used with reg exes as an optimization
boundaryStart	string	Used with reg exes as an optimization
businessCategory	string	Category Object ID
dataVersion	integer	Version of the Glossary
description	string	BusinessTerm text description
displayName	string	BusinessTerm display name

Parameter	Data Type	Description
enabledForDiscovery	boolean	Flag that indicates whether the term is available for discovery or not
externalId	string	ID in an external source if the term is imported
externalSource	string	externalSource Name
glossaryId	string	Glossary Identifier
immutable	boolean	A boolean value representing whether the term is immutable or not
isBusinessEntity	boolean	Flag to check if this term is a BusinessEntity
isBusinessEntityExpressionDefault	boolean	Default Business entity expression or custom expression
labels	array	List of labels for the business term
learningEnable	boolean	Use only reference data, don't use other data
logicalPath	string	logicalPath of the Business term, The canonical path, e.g., Domain1/Term1.Term2.Term3
minConfidence	number	Accept only those associations that are above this value
name	string	Name of the Business Term
parentId	string	Business Term ParentId
regex	string	Regular Expression for Business term
regexMaxLength	number	Start to evaluate regex, if field value is less or equal than this value
regexMinLength	number	Start to evaluate regex, if field value is greater or equal than this value
richDescriptionIds	array	Identifiers of the rich description ids
sensitivity	string	Sensitivity of the term. Values can be 'High', 'Medium', 'Low', 'NonSensitive', 'Unknown'. Default is 'Unknown'

Parameter	Data Type	Description
synonyms	array	List of Synonyms
termReferenceId	string	It is a reference to another business term and is used during business entity discovery
attributes	object	Additional details of the Business Term. Its key value pair e.g {"key":"value"}
termState	string	The state of the business Term. Can be 'Suggested', 'Accepted', or 'Rejected'. Default is 'Accepted'.
termScope	array	The scope of the business Term. Possible values can be 'useInStructured', 'useInUnstructured'
stopOnNthMatch	integer	Number of matches at which processing should stop
termType	string	Enumerated values can be 'RegEx', 'Value'
unstructuredText	boolean	If true, treat term reference data (seed) as free text. Default value is **false**
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated
timeOfLastRegExChange	string	Time at which the regex was updated
type	string	The type is constant here, which is 'BusinessTerm'
maxConfidence	number	Accept those associations automatically that are above this value.
metadataCriteriaId	string	Metadata Criteria for term assignment
useSeedFieldsAsLookup	boolean	Flag to indicate usage of Seed Fields as Look-up Table.
metadataCriteriaWeight	number	Metadata Criteria Weight, default is 0, and needs to in the range of 0 to 1
customProperties	array	List of custom properties

index	integer	index
length	integer	length
reference	string	reference
type	string	type

Create Business terms in bulk

Create new Business terms in bulk.

POST https://localhost/api/v1/businessterms/bulk

Sample Request

curl -v -X POST "https://localhost/api/v1/businessterms/bulk" -d '[{"description": "This business term description", "displayName": "Business term display-name", "enabledForDiscovery": true, "externalId": "607567590ced4472ab23be73", "externalSource": "externalSource", "glossaryId": "607567590ced4472ab23be73", "immutable": false, "isBusinessEntity": false, "isBusinessEntityExpressionDefault": true, "labels": ["Example"], "learningEnable": false, "minConfidence": 0, "name": "BusinessTerm", "parentId": "607567590ced4472ab23be73", "regex": "Regex pattern", "regexMaxLength": 0, "regexMinLength": 0, "sensitivity": "Medium", "termReferenceId": "607567590ced4472ab23be73", "richDescriptionIds": ["607567590ced4472ab23be73"], "attributes": {"key": "value"}, "termState": "Accepted", "termScope": ["useInUnstructured"], "stopOnNthMatch": 100, "termType": "Value", "unstructuredText": false, "synonyms": ["synonyms"], "tagLp": {"index": 19, "length": 1076, "reference": "tag_lp/predefined_signatures", "type": "tag_lp"}, "anchorFlag": false, "anonymousName": false, "anonymousValues": false, "businessEntityExpression": "Value", "createResourceTermAssociation": false, "boundaryEnd": "Value", "boundaryStart": "Value", "businessCategory": "Value", "dataVersion": 26, "timeOfCreation": "2022-03-10T16:15:50Z", "timeOfLastChange": "2022-03-10T16:15:50Z", "type": "BusinessTerm", "maxConfidence": 0.67, "metadataCriteriaId": "607567590ced4472ab23be73", "useSeedFieldsAsLookup": false, "metadataCriteriaWeight": 0.56, "customProperties": [{"isFacetable": false, "isSearchable": false, "name": "property name", "propertyId": "633b03810cfbac6b55bd92e5", "value": "custom value", "isDefault": false}]}]'

```
[
  {
    "description": "This business term description",
    "displayName": "Business term display-name",
    "enabledForDiscovery": true,
    "externalId": "607567590ced4472ab23be73",
    "externalSource": "externalSource",
```

"glossaryId": "607567590ced4472ab23be73",
"immutable": false,
"isBusinessEntity": false,
"isBusinessEntityExpressionDefault": true,
"labels": [
    "Example"
],
"learningEnable": false,
"minConfidence": 0,
"name": "BusinessTerm",
"parentId": "607567590ced4472ab23be73",
"regex": "Regex pattern",
"regexMaxLength": 0,
"regexMinLength": 0,
"sensitivity": "Medium",
"termReferenceId": "607567590ced4472ab23be73",
"richDescriptionIds": [
    "607567590ced4472ab23be73"
],
"attributes": {
    "key": "value"
},
"termState": "Accepted",
"termScope": [
    "useInUnstructured"
],
"stopOnNthMatch": 100,
"termType": "Value",
"unstructuredText": false,
"synonyms": [
    "synonyms"
],
"tagLp": {
    "index": 19,
    "length": 1076,
    "reference": "tag_lp/predefined_signatures",
    "type": "tag_lp"
},
"anchorFlag": false,
"anonymousName": false,
"anonymousValues": false,
"businessEntityExpression": "Value",

```
    "createResourceTermAssociation": false,
    "boundaryEnd": "Value",
    "boundaryStart": "Value",
    "businessCategory": "Value",
    "dataVersion": 26,
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z",
    "type": "BusinessTerm",
    "maxConfidence": 0.67,
    "metadataCriteriaId": "607567590ced4472ab23be73",
    "useSeedFieldsAsLookup": false,
    "metadataCriteriaWeight": 0.56,
    "customProperties": [
      {
        "isFacetable": false,
        "isSearchable": false,
        "name": "property name",
        "propertyId": "633b03810cfbac6b55bd92e5",
        "value": "custom value",
        "isDefault": false
      }
    ]
  }
]
```

Parameter	Type	Data Type	Required	Description
description	body	string	N	BusinessTerm text description
displayName	body	string	N	Business term display-name
enabledForDiscovery	body	boolean	N	Flag that indicates whether the term is available for discovery or not
externalId	body	string	N	ID in an external source if the term is imported
externalSource	body	string	N	externalSource Name
glossaryId	body	string	Y	Glossary Identifier

Parameter	Type	Data Type	Required	Description
immutable	body	boolean	N	A boolean value representing whether the term is immutable or not
isBusinessEntity	body	boolean	N	Flag to check if this term is a BusinessEntity
isBusinessEntityExpressionDefault	body	boolean	N	Default Business entity expression or custom expression
labels	body	array	N	List of labels for the business term
learningEnable	body	boolean	N	Use only reference data, don't use other data
minConfidence	body	number	N	Accept only those associations that are above this value
name	body	string	Y	Name of the Business Term
parentId	body	string	N	ObjectId of the parent Business term from which the current term is derived
regex	body	string	N	Regular Expression for Business term
regexMaxLength	body	number	N	Start to evaluate regex if field value is less or equal than this value
regexMinLength	body	number	N	Start to evaluate regex if field value is greater or equal than this value
sensitivity	body	object	N	Sensitivity of the term. Values can be 'High', 'Medium', 'Low', 'NonSensitive', 'Unknown'. Default is 'Unknown'

Parameter	Type	Data Type	Required	Description
termReferenceId	body	string	N	It is a reference to another business term and is used during business entity discovery
richDescriptionIds	body	array	N	Identifiers of the rich description ids
attributes	body	object	N	Additional details of the Business Term. Its key value pair e.g {"key":"value"}
termState	body	string	N	The state of the business Term. Can be 'Suggested', 'Accepted', or 'Rejected'. Default is 'Accepted'.
termScope	body	array	N	The scope of the business Term. Can be 'useInStructured', 'useInUnstructured'
stopOnNthMatch	body	integer	N	Number of matches at which processing should stop
termType	body	string	N	Enumerated values can be 'RegEx' | 'Value'
unstructuredText	body	boolean	N	If true, treat term reference data (seed) as free text. Default value is false
synonyms	body	array	N	List of Synonyms
tagLp	body	object	N	Opaque object representing the location in discovery cache
anchorFlag	body	boolean	N	Flag to check if the term can be independently discovered without requiring context. Default value is false

Parameter	Type	Data Type	Required	Description
anonymousName	body	boolean	N	If true, treat term and associated field names as anonymous. Default value is false
anonymousValues	body	boolean	N	If true, treat term reference data (seed) as anonymous. Default value is false.
businessEntityExpression	body	string	N	BusinessEntity expression
createResourceTermAssociation	body	boolean	N	Used in term discovery for business entities. If true, will create term-resource association.
boundaryEnd	body	string	N	Used with reg exes as an optimization
boundaryStart	body	string	N	Used with reg exes as an optimization
businessCategory	body	string	N	Category Object ID
dataVersion	body	number	N	Monotonically increasing number to represent the data format version
timeOfCreation	body	string	N	Time stamp when the entity is created
timeOfLastChange	body	string	N	Time stamp when the entity is last updated
type	body	string	N	The type is constant here, which is 'BusinessTerm'
maxConfidence	body	number	N	Accept those associations automatically that are above this value.
metadataCriteriaId	body	string	N	Metadata Criteria for term assignment

Parameter	Type	Data Type	Required	Description
useSeedFieldsAsLookup	body	boolean	N	Flag to indicate usage of Seed Fields as Look-up Table.
metadataCriteriaWeight	body	number	N	Metadata Criteria Weight, default is 0, and needs to in the range of 0 to 1
customProperties	body	array	N	List of custom properties
index	body	integer	N	index
length	body	integer	N	length
reference	body	string	N	reference
type	body	string	N	type

Sample Response

201 List of business term objects created

```
[
  {
    "id": "633afcaa0b8763c2cea161d8",
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z",
    "anchorFlag": false,
    "anonymousName": false,
    "anonymousValues": false,
    "attributes": {},
    "boundaryEnd": "Value",
    "boundaryStart": "Value",
    "businessCategory": "Value",
    "businessEntityExpression": "Value",
    "createResourceTermAssociation": false,
    "dataVersion": 26,
    "description": "This business term description",
    "displayName": "Business Term Display Name",
    "enabledForDiscovery": true,
    "externalId": "607567590ced4472ab23be73",
    "externalSource": "ETL",
    "glossaryId": "607567590ced4472ab23be73",
```

```
"immutable": false,
"isBusinessEntity": false,
"isBusinessEntityExpressionDefault": true,
"labels": [
    "Example"
],
"learningEnable": false,
"logicalPath": "logicalPath",
"minConfidence": 0,
"name": "BusinessTerm",
"parentId": "607567590ced4472ab23be73",
"regex": "RegEx",
"regexMaxLength": 0,
"regexMinLength": 0,
"richDescriptionIds": [
    "607567590ced4472ab23be73"
],
"sensitivity": "Medium",
"synonyms": [
    "synonyms"
],
"tagLp": {
    "index": 19,
    "length": 1076,
    "reference": "tag_lp/predefined_signatures",
    "type": "tag_lp"
},
"termReferenceId": "607567590ced4472ab23be73",
"termState": "Accepted",
"termScope": [
    "useInUnstructured"
],
"stopOnNthMatch": 100,
"termType": "Value",
"timeOfLastRegExChange": "2022-03-10T16:15:50Z",
"type": "BusinessTerm",
"unstructuredText": false,
"userId": "633af5d0da49ec1337ec1c88",
"maxConfidence": 0.67,
"metadataCriteriaId": "607567590ced4472ab23be73",
"useSeedFieldsAsLookup": false,
"metadataCriteriaWeight": 0.56,
```

```
     "customProperties": [
       {
         "isFacetable": false,
         "isSearchable": false,
         "name": "property name",
         "propertyId": "633b03810cfbac6b55bd92e5",
         "value": "custom value",
         "isDefault": false
       }
     ]
   }
]
```

Parameter	Data Type	Description
id	string	Identifier of an entity
timeOfCreation	string	Time of creation for the entity
timeOfLastChange	string	Time of last modification for the entity
anchorFlag	boolean	Flag to check if the term can be independently discovered without requiring context. Default value is false
anonymousName	boolean	If true, treat term and associated field names as anonymous. Default value is false
anonymousValues	boolean	If true, treat term reference data (seed) as anonymous. Default value is false.
attributes	object	BusinessEntity extra attributes
boundaryEnd	string	Used with reg exes as an optimization
boundaryStart	string	Used with reg exes as an optimization
businessCategory	string	Category Object ID
businessEntityExpression	string	BusinessEntity expression
createResourceTermAssociation	boolean	Used in term discovery for business entities. If true, will create term-resource association.
dataVersion	integer	Version of the Glossary

Parameter	Data Type	Description
description	string	BusinessTerm text description
displayName	string	BusinessTerm displayName name
enabledForDiscovery	boolean	Flag that indicates whether the term is available for discovery or not
externalId	string	ID in an external source if the term is imported
externalSource	string	externalSource Name
glossaryId	string	Glossary Identifier
immutable	boolean	A boolean value representing whether the term is immutable or not
isBusinessEntity	boolean	Flag to check if this term is a BusinessEntity
isBusinessEntityExpressionDefault	boolean	Default Business entity expression or custom expression
labels	array	List of labels for the business term
learningEnable	boolean	Use only reference data, don't use other data
logicalPath	string	logicalPath of the Business term, The canonical path, e.g., Domain1/Term1.Term2.Term3
minConfidence	number	Accept only those associations that are above this value
name	string	Name of the Business Term
parentId	string	Business Term ParentId
regex	string	Regular Expression for Business term
regexMaxLength	number	Start to evaluate regex if field value is less or equal than this value
regexMinLength	number	Start to evaluate regex if field value is greater or equal than this value
richDescriptionIds	array	Identifiers of the rich description ids

Parameter	Data Type	Description
sensitivity	string	Sensitivity of the term. Values can be 'High', 'Medium', 'Low', 'NonSensitive', 'Unknown'. Default is 'Unknown'
synonyms	array	List of Synonyms
tagLp	object	Opaque object representing the location in discovery cache
termReferenceId	string	It is a reference to another business term and is used during business entity discovery
termState	string	The state of the business Term. Can be 'Suggested', 'Accepted', or 'Rejected'. Default is 'Accepted'.
termScope	array	The scope of the business Term. Can be 'useInStructured', 'useInUnstructured'
stopOnNthMatch	integer	Number of matches at which processing should stop
termType	string	Enumerated values can be 'RegEx' | 'Value'
timeOfLastRegExChange	string	Time at which the regex was updated
type	string	The type is constant here, which is 'BusinessTerm'
unstructuredText	boolean	If true, treat term reference data (seed) as free text. Default value is false
userId	string	Identifier of the user
maxConfidence	number	Accept those associations automatically that are above this value.
metadataCriteriaId	string	Metadata Criteria for term assignment
useSeedFieldsAsLookup	boolean	Flag to indicate usage of Seed Fields as Look-up Table.
metadataCriteriaWeight	number	Metadata Criteria Weight, default is 0, and needs to in the range of 0 to 1

Parameter	Data Type	Description
customProperties	array	List of custom properties

index	integer	index
length	integer	length
reference	string	reference
type	string	type

Delete Business term by ID

Delete an existing Business term by ID.

DELETE https://localhost/api/v1/businessterms/{id}

Sample Request

curl -v -X DELETE "https://localhost/api/v1/businessterms/sample-id"

Parameter	Type	Data Type	Required	Description
id	path	string	Y	ID of the business term

Sample Response

202 Job submission response

```
{
    "templateKey": "633acc8855c17b0b531082f5",
    "jobInstanceKey": "633acc95c16bd1274f774f2f",
    "status": "SUCCESS",
    "message": "Successfully triggered the job"
}
```

Parameter	Data Type	Description
templateKey	string	Template ID using which the job is triggered
jobInstanceKey	string	Triggered job ID
status	string	Job execution status
message	string	Message

Fetch Business terms with search criteria

Fetch business term with filter, sort, page size and page number.

POST https://localhost/api/v1/businessterms/search

Sample Request

curl -v -X POST "https://localhost/api/v1/businessterms/search" -d '{"filters": {}, "page": {"index": 0, "size": 25}, "sort": {"columns": {"name": "_id", "direction": "DESC"}}}'

```
{
    "filters": {},
    "page": {
        "index": 0,
        "size": 25
    },
    "sort": {
        "columns": {
            "name": "_id",
            "direction": "DESC"
        }
    }
}
```

Parameter	Type	Data Type	Required	Description
filters	body	object	N	Filters to apply during the search operation
page	body	object	N	Pagination details
sort	body	object	N	Sorting details

Parameter	Type	Data Type	Required	Description
index	body	integer	N	Index of the page that you want to retrieve
size	body	integer	N	Number of records per page
columns	body	array	N	List of sortable columns

Sample Response

200 Paginated response

```
{
    "totalCount": 60,
    "list": [
        {
            "id": "607567590ced4472ab23be73",
            "tagLp": {
                "index": 19,
                "length": 1076,
                "reference": "tag_lp/predefined_signatures",
                "type": "tag_lp"
            },
            "anchorFlag": false,
            "anonymousName": false,
            "anonymousValues": false,
            "businessEntityExpression": "Value",
            "createResourceTermAssociation": false,
            "boundaryEnd": "Value",
            "boundaryStart": "Value",
            "businessCategory": "Value",
            "dataVersion": 26,
            "description": "This business term description",
            "displayName": "Business Term Display Name",
            "enabledForDiscovery": true,
            "externalId": "607567590ced4472ab23be73",
            "externalSource": "ETL",
            "glossaryId": "607567590ced4472ab23be73",
            "immutable": false,
            "isBusinessEntity": false,
            "isBusinessEntityExpressionDefault": true,
            "labels": [
```

```
      "Example"
    ],
    "learningEnable": false,
    "logicalPath": "logicalPath",
    "name": "BusinessTerm",
    "parentId": "607567590ced4472ab23be73",
    "regex": "RegEx",
    "richDescriptionIds": [
      "607567590ced4472ab23be73"
    ],
    "sensitivity": "Medium",
    "synonyms": [
      "synonyms"
    ],
    "termReferenceId": "607567590ced4472ab23be73",
    "attributes": {},
    "termState": "Accepted",
    "termScope": [
      "useInUnstructured"
    ],
    "stopOnNthMatch": 100,
    "termType": "Value",
    "unstructuredText": false,
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z",
    "timeOfLastRegExChange": "2022-03-10T16:15:50Z",
    "type": "BusinessTerm",
    "metadataCriteriaId": "607567590ced4472ab23be73",
    "useSeedFieldsAsLookup": false,
    "customProperties": [
      {
        "isFacetable": false,
        "isSearchable": false,
        "name": "property name",
        "propertyId": "633b03810cfbac6b55bd92e5",
        "value": "custom value",
        "isDefault": false
      }
    ]
  }
],
"sortableFields": [
```

```
     "id"
  ],
  "currentPage": 1,
  "totalPages": 6
}
```

Parameter	Data Type	Description
totalCount	integer	The total number of results found in the request.
list	array	Business Term list
sortableFields	array	The list of fields using which the data in the list is sorted
currentPage	integer	Index of the currentPage
totalPages	integer	Total number of pages available for the filter

Get Business term by ID

Get an existing Business term by ID.

GET https://localhost/api/v1/businessterms/{id}

Sample Request

curl -v -X GET "https://localhost/api/v1/businessterms/sample-id"

Parameter	Type	Data Type	Required	Description
id	path	string	Y	ID of the business term

Sample Response

200 Business term matched by id

```
{
  "id": "607567590ced4472ab23be73",
  "tagLp": {
    "index": 19,
    "length": 1076,
    "reference": "tag_lp/predefined_signatures",
    "type": "tag_lp"
  },
  "anchorFlag": false,
```

```json
"anonymousName": false,
"anonymousValues": false,
"businessEntityExpression": "Value",
"createResourceTermAssociation": false,
"boundaryEnd": "Value",
"boundaryStart": "Value",
"businessCategory": "Value",
"dataVersion": 26,
"description": "This business term description",
"displayName": "Business Term Display Name",
"enabledForDiscovery": true,
"externalId": "607567590ced4472ab23be73",
"externalSource": "ETL",
"glossaryId": "607567590ced4472ab23be73",
"immutable": false,
"isBusinessEntity": false,
"isBusinessEntityExpressionDefault": true,
"labels": [
    "Example"
],
"learningEnable": false,
"logicalPath": "logicalPath",
"minConfidence": 0,
"name": "BusinessTerm",
"parentId": "607567590ced4472ab23be73",
"regex": "RegEx",
"regexMaxLength": 0,
"regexMinLength": 0,
"richDescriptionIds": [
    "607567590ced4472ab23be73"
],
"sensitivity": "Medium",
"synonyms": [
    "synonyms"
],
"termReferenceId": "607567590ced4472ab23be73",
"attributes": {
    "key": "value"
},
"termState": "Accepted",
"termScope": [
    "useInUnstructured"
```

```
    ],
    "stopOnNthMatch": 100,
    "termType": "Value",
    "unstructuredText": false,
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z",
    "timeOfLastRegExChange": "2022-03-10T16:15:50Z",
    "type": "BusinessTerm",
    "maxConfidence": 0.67,
    "metadataCriteriaId": "607567590ced4472ab23be73",
    "useSeedFieldsAsLookup": false,
    "metadataCriteriaWeight": 0.56,
    "customProperties": [
      {
        "isFacetable": false,
        "isSearchable": false,
        "name": "property name",
        "propertyId": "633b03810cfbac6b55bd92e5",
        "value": "custom value",
        "isDefault": false
      }
    ]
}
```

Parameter	Data Type	Description
id	string	BusinessTerm Identifier
tagLp	object	Opaque object representing the location in discovery cache
anchorFlag	boolean	Flag to check if the term can be independently discovered without requiring context. Default value is false
anonymousName	boolean	If true, treat term and associated field names as anonymous. Default value is false
anonymousValues	boolean	If true, treat term reference data (seed) as anonymous. Default value is false.
businessEntityExpression	string	BusinessEntity expression

Parameter	Data Type	Description
createResourceTermAssociation	boolean	Used in term discovery for business entities. If true, will create term-resource association.
boundaryEnd	string	Used with reg exes as an optimization
boundaryStart	string	Used with reg exes as an optimization
businessCategory	string	Category Object ID
dataVersion	integer	Version of the Glossary
description	string	BusinessTerm text description
displayName	string	BusinessTerm displayName name
enabledForDiscovery	boolean	Flag that indicates whether the term is available for discovery or not
externalId	string	ID in an external source if the term is imported
externalSource	string	externalSource Name
glossaryId	string	Glossary Identifier
immutable	boolean	A boolean value representing whether the term is immutable or not
isBusinessEntity	boolean	Flag to check if this term is a BusinessEntity
isBusinessEntityExpressionDefault	boolean	Default Business entity expression or custom expression
labels	array	List of labels for the business term
learningEnable	boolean	Use only reference data, don't use other data
logicalPath	string	logicalPath of the Business term, The canonical path, e.g., Domain1/Term1.Term2.Term3
minConfidence	number	Accept only those associations that are above this value
name	string	Name of the Business Term
parentId	string	Business Term ParentId

Parameter	Data Type	Description
regex	string	Regular Expression for Business term
regexMaxLength	number	Start to evaluate regex if field value is less or equal than this value
regexMinLength	number	Start to evaluate regex if field value is greater or equal than this value
richDescriptionIds	array	Identifiers of the rich description ids
sensitivity	string	Sensitivity of the term. Values can be 'High', 'Medium', 'Low', 'NonSensitive', 'Unknown'. Default is 'Unknown'
synonyms	array	List of Synonyms
termReferenceId	string	It is a reference to another business term and is used during business entity discovery
attributes	object	Additional details of the Business Term. Its key value pair e.g {"key":"value"}
termState	string	The state of the business Term. Can be 'Suggested', 'Accepted', or 'Rejected'. Default is 'Accepted'.
termScope	array	The scope of the business Term. Can be 'useInStructured', 'useInUnstructured'
stopOnNthMatch	integer	Number of matches at which processing should stop
termType	string	Enumerated values can be 'RegEx'	'Value'
unstructuredText	boolean	If true, treat term reference data (seed) as free text. Default value is false
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated
timeOfLastRegExChange	string	Time at which the regex was updated

Parameter	Data Type	Description
type	string	The type is constant here, which is 'BusinessTerm'
maxConfidence	number	Accept those associations automatically that are above this value.
metadataCriteriaId	string	Metadata Criteria for term assignment
useSeedFieldsAsLookup	boolean	Flag to indicate usage of Seed Fields as Look-up Table.
metadataCriteriaWeight	number	Metadata Criteria Weight, default is 0, and needs to in the range of 0 to 1
customProperties	array	List of custom properties

index	integer	index
length	integer	length
reference	string	reference
type	string	type

Initiate import Business term job

Initiate import job and return ImportJobResponse object which includes response message and jobId.

POST https://localhost/api/v1/businessterms/import

Sample Request

curl -v -X POST "https://localhost/api/v1/businessterms/import" -F '"overwrite=@sample-file.txt;text/plain"'

Parameter	Type	Data Type	Required	Description
file	body	string	Y	Input file to be uploaded
overwrite	body	boolean	Y	Overwrite flag to inform the server to overwrite the record if it exists

Sample Response

202 Job submission response for BusinessTerm importModel job

```
{
    "templateKey": "633acc8855c17b0b531082f5",
    "jobInstanceKey": "633acc95c16bd1274f774f2f",
    "status": "SUCCESS",
    "message": "Successfully triggered the job"
}
```

Parameter	Data Type	Description
templateKey	string	Template ID using which the job is triggered
jobInstanceKey	string	Triggered job ID
status	string	Job execution status
message	string	Message

Update Business term

Update an existing business term by ID.

PUT https://localhost/api/v1/businessterms/{id}

Sample Request

curl -v -X PUT "https://localhost/api/v1/businessterms/sample-id" -d '{"description": "This business term description", "displayName": "Business term display-name", "enabledForDiscovery": true, "externalId": "607567590ced4472ab23be73", "externalSource": "externalSource", "glossaryId": "607567590ced4472ab23be73", "immutable": false, "isBusinessEntity": false, "isBusinessEntityExpressionDefault": true, "labels": ["Example"], "learningEnable": false, "minConfidence": 0, "name": "BusinessTerm", "parentId": "607567590ced4472ab23be73", "regex": "Regex pattern", "regexMaxLength": 0, "regexMinLength": 0, "sensitivity": "Medium", "termReferenceId": "607567590ced4472ab23be73", "richDescriptionIds": ["607567590ced4472ab23be73"], "attributes": {"key": "value"}, "termState": "Accepted", "termScope": ["useInUnstructured"], "stopOnNthMatch": 100, "termType": "Value", "unstructuredText": false, "synonyms": ["synonyms"], "tagLp": {"index": 19, "length": 1076, "reference": "tag_lp/predefined_signatures", "type": "tag_lp"}, "anchorFlag": false, "anonymousName": false, "anonymousValues": false, "businessEntityExpression": "Value", "createResourceTermAssociation": false, "boundaryEnd": "Value", "boundaryStart": "Value", "businessCategory": "Value", "dataVersion": 26, "timeOfCreation": "2022-03-10T16:15:50Z", "timeOfLastChange": "2022-03-10T16:15:50Z", "type": "BusinessTerm", "maxConfidence": 0.67, "metadataCriteriaId": "607567590ced4472ab23be73",

"useSeedFieldsAsLookup": false, "metadataCriteriaWeight": 0.56, "customProperties": [{"isFacetable": false, "isSearchable": false, "name": "property name", "propertyId": "633b03810cfbac6b55bd92e5", "value": "custom value", "isDefault": false}]}'

```
{
    "description": "This business term description",
    "displayName": "Business term display-name",
    "enabledForDiscovery": true,
    "externalId": "607567590ced4472ab23be73",
    "externalSource": "externalSource",
    "glossaryId": "607567590ced4472ab23be73",
    "immutable": false,
    "isBusinessEntity": false,
    "isBusinessEntityExpressionDefault": true,
    "labels": [
        "Example"
    ],
    "learningEnable": false,
    "minConfidence": 0,
    "name": "BusinessTerm",
    "parentId": "607567590ced4472ab23be73",
    "regex": "Regex pattern",
    "regexMaxLength": 0,
    "regexMinLength": 0,
    "sensitivity": "Medium",
    "termReferenceId": "607567590ced4472ab23be73",
    "richDescriptionIds": [
        "607567590ced4472ab23be73"
    ],
    "attributes": {
        "key": "value"
    },
    "termState": "Accepted",
    "termScope": [
        "useInUnstructured"
    ],
    "stopOnNthMatch": 100,
    "termType": "Value",
    "unstructuredText": false,
    "synonyms": [
        "synonyms"
    ],
```

```
   "tagLp": {
      "index": 19,
      "length": 1076,
      "reference": "tag_lp/predefined_signatures",
      "type": "tag_lp"
   },
   "anchorFlag": false,
   "anonymousName": false,
   "anonymousValues": false,
   "businessEntityExpression": "Value",
   "createResourceTermAssociation": false,
   "boundaryEnd": "Value",
   "boundaryStart": "Value",
   "businessCategory": "Value",
   "dataVersion": 26,
   "timeOfCreation": "2022-03-10T16:15:50Z",
   "timeOfLastChange": "2022-03-10T16:15:50Z",
   "type": "BusinessTerm",
   "maxConfidence": 0.67,
   "metadataCriteriaId": "607567590ced4472ab23be73",
   "useSeedFieldsAsLookup": false,
   "metadataCriteriaWeight": 0.56,
   "customProperties": [
      {
         "isFacetable": false,
         "isSearchable": false,
         "name": "property name",
         "propertyId": "633b03810cfbac6b55bd92e5",
         "value": "custom value",
         "isDefault": false
      }
   ]
}
```

Parameter	Type	Data Type	Required	Description
id	path	string	Y	ID of the business term
description	body	string	N	BusinessTerm text description
displayName	body	string	N	Business term display-name

Parameter	Type	Data Type	Required	Description
enabledForDiscovery	body	boolean	N	Flag that indicates whether the term is available for discovery or not
externalId	body	string	N	ID in an external source if the term is imported
externalSource	body	string	N	externalSource Name
glossaryId	body	string	Y	Glossary Identifier
immutable	body	boolean	N	A boolean value representing whether the term is immutable or not
isBusinessEntity	body	boolean	N	Flag to check if this term is a BusinessEntity
isBusinessEntityExpressionDefault	body	boolean	N	Default Business entity expression or custom expression
labels	body	array	N	List of labels for the business term
learningEnable	body	boolean	N	Use only reference data, don't use other data
minConfidence	body	number	N	Accept only those associations that are above this value
name	body	string	Y	Name of the Business Term
parentId	body	string	N	ObjectId of the parent Business term from which the current term is derived
regex	body	string	N	Regular Expression for Business term

Parameter	Type	Data Type	Required	Description
regexMaxLength	body	number	N	Start to evaluate regex if field value is less or equal than this value
regexMinLength	body	number	N	Start to evaluate regex if field value is greater or equal than this value
sensitivity	body	object	N	Sensitivity of the term. Values can be 'High', 'Medium', 'Low', 'NonSensitive', 'Unknown'. Default is 'Unknown'
termReferenceId	body	string	N	It is a reference to another business term and is used during business entity discovery
richDescriptionIds	body	array	N	Identifiers of the rich description ids
attributes	body	object	N	Additional details of the Business Term. Its key value pair e.g {"key":"value"}
termState	body	string	N	The state of the business Term. Can be 'Suggested', 'Accepted', or 'Rejected'. Default is 'Accepted'.
termScope	body	array	N	The scope of the business Term. Can be 'useInStructured', 'useInUnstructured'
stopOnNthMatch	body	integer	N	Number of matches at which processing should stop
termType	body	string	N	Enumerated values can be 'RegEx' | 'Value'

Parameter	Type	Data Type	Required	Description
unstructuredText	body	boolean	N	If true, treat term reference data (seed) as free text. Default value is false
synonyms	body	array	N	List of Synonyms
tagLp	body	object	N	Opaque object representing the location in discovery cache
anchorFlag	body	boolean	N	Flag to check if the term can be independently discovered without requiring context. Default value is false
anonymousName	body	boolean	N	If true, treat term and associated field names as anonymous. Default value is false
anonymousValues	body	boolean	N	If true, treat term reference data (seed) as anonymous. Default value is false.
businessEntityExpression	body	string	N	BusinessEntity expression
createResourceTermAssociation	body	boolean	N	Used in term discovery for business entities. If true, will create term-resource association.
boundaryEnd	body	string	N	Used with reg exes as an optimization
boundaryStart	body	string	N	Used with reg exes as an optimization
businessCategory	body	string	N	Category Object ID
dataVersion	body	number	N	Monotonically increasing number to represent the data format version

Parameter	Type	Data Type	Required	Description
timeOfCreation	body	string	N	Time stamp when the entity is created
timeOfLastChange	body	string	N	Time stamp when the entity is last updated
type	body	string	N	The type is constant here, which is 'BusinessTerm'
maxConfidence	body	number	N	Accept those associations automatically that are above this value.
metadataCriteriaId	body	string	N	Metadata Criteria for term assignment
useSeedFieldsAsLookup	body	boolean	N	Flag to indicate usage of Seed Fields as Look-up Table.
metadataCriteriaWeight	body	number	N	Metadata Criteria Weight, default is 0, and needs to in the range of 0 to 1
customProperties	body	array	N	List of custom properties
index	body	integer	N	index
length	body	integer	N	length
reference	body	string	N	reference
type	body	string	N	type

Sample Response

200 Updated business term

```
{
    "id": "607567590ced4472ab23be73",
    "tagLp": {
        "index": 19,
        "length": 1076,
        "reference": "tag_lp/predefined_signatures",
        "type": "tag_lp"
```

```json
        },
        "anchorFlag": false,
        "anonymousName": false,
        "anonymousValues": false,
        "businessEntityExpression": "Value",
        "createResourceTermAssociation": false,
        "boundaryEnd": "Value",
        "boundaryStart": "Value",
        "businessCategory": "Value",
        "dataVersion": 26,
        "description": "This business term description",
        "displayName": "Business Term Display Name",
        "enabledForDiscovery": true,
        "externalId": "607567590ced4472ab23be73",
        "externalSource": "ETL",
        "glossaryId": "607567590ced4472ab23be73",
        "immutable": false,
        "isBusinessEntity": false,
        "isBusinessEntityExpressionDefault": true,
        "labels": [
            "Example"
        ],
        "learningEnable": false,
        "logicalPath": "logicalPath",
        "minConfidence": 0,
        "name": "BusinessTerm",
        "parentId": "607567590ced4472ab23be73",
        "regex": "RegEx",
        "regexMaxLength": 0,
        "regexMinLength": 0,
        "richDescriptionIds": [
            "607567590ced4472ab23be73"
        ],
        "sensitivity": "Medium",
        "synonyms": [
            "synonyms"
        ],
        "termReferenceId": "607567590ced4472ab23be73",
        "attributes": {
            "key": "value"
        },
        "termState": "Accepted",
```

```
    "termScope": [
       "useInUnstructured"
    ],
    "stopOnNthMatch": 100,
    "termType": "Value",
    "unstructuredText": false,
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z",
    "timeOfLastRegExChange": "2022-03-10T16:15:50Z",
    "type": "BusinessTerm",
    "maxConfidence": 0.67,
    "metadataCriteriaId": "607567590ced4472ab23be73",
    "useSeedFieldsAsLookup": false,
    "metadataCriteriaWeight": 0.56,
    "customProperties": [
       {
          "isFacetable": false,
          "isSearchable": false,
          "name": "property name",
          "propertyId": "633b03810cfbac6b55bd92e5",
          "value": "custom value",
          "isDefault": false
       }
    ]
}
```

Parameter	Data Type	Description
id	string	BusinessTerm Identifier
tagLp	object	Opaque object representing the location in discovery cache
anchorFlag	boolean	Flag to check if the term can be independently discovered without requiring context. Default value is false
anonymousName	boolean	If true, treat term and associated field names as anonymous. Default value is false
anonymousValues	boolean	If true, treat term reference data (seed) as anonymous. Default value is false.

Parameter	Data Type	Description
businessEntityExpression	string	BusinessEntity expression
createResourceTermAssociation	boolean	Used in term discovery for business entities. If true, will create term-resource association.
boundaryEnd	string	Used with reg exes as an optimization
boundaryStart	string	Used with reg exes as an optimization
businessCategory	string	Category Object ID
dataVersion	integer	Version of the Glossary
description	string	BusinessTerm text description
displayName	string	BusinessTerm displayName name
enabledForDiscovery	boolean	Flag that indicates whether the term is available for discovery or not
externalId	string	ID in an external source if the term is imported
externalSource	string	externalSource Name
glossaryId	string	Glossary Identifier
immutable	boolean	A boolean value representing whether the term is immutable or not
isBusinessEntity	boolean	Flag to check if this term is a BusinessEntity
isBusinessEntityExpressionDefault	boolean	Default Business entity expression or custom expression
labels	array	List of labels for the business term
learningEnable	boolean	Use only reference data, don't use other data
logicalPath	string	logicalPath of the Business term, The canonical path, e.g., Domain1/Term1.Term2.Term3
minConfidence	number	Accept only those associations that are above this value
name	string	Name of the Business Term

Parameter	Data Type	Description
parentId	string	Business Term ParentId
regex	string	Regular Expression for Business term
regexMaxLength	number	Start to evaluate regex if field value is less or equal than this value
regexMinLength	number	Start to evaluate regex if field value is greater or equal than this value
richDescriptionIds	array	Identifiers of the rich description ids
sensitivity	string	Sensitivity of the term. Values can be 'High', 'Medium', 'Low', 'NonSensitive', 'Unknown'. Default is 'Unknown'
synonyms	array	List of Synonyms
termReferenceId	string	It is a reference to another business term and is used during business entity discovery
attributes	object	Additional details of the Business Term. Its key value pair e.g {"key":"value"}
termState	string	The state of the business Term. Can be 'Suggested', 'Accepted', or 'Rejected'. Default is 'Accepted'.
termScope	array	The scope of the business Term. Can be 'useInStructured', 'useInUnstructured'
stopOnNthMatch	integer	Number of matches at which processing should stop
termType	string	Enumerated values can be 'RegEx' | 'Value'
unstructuredText	boolean	If true, treat term reference data (seed) as free text. Default value is false
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated
timeOfLastRegExChange	string	Time at which the regex was updated

Parameter	Data Type	Description
type	string	The type is constant here, which is 'BusinessTerm'
maxConfidence	number	Accept those associations automatically that are above this value.
metadataCriteriaId	string	Metadata Criteria for term assignment
useSeedFieldsAsLookup	boolean	Flag to indicate usage of Seed Fields as Look-up Table.
metadataCriteriaWeight	number	Metadata Criteria Weight, default is 0, and needs to in the range of 0 to 1
customProperties	array	List of custom properties

index	integer	index
length	integer	length
reference	string	reference
type	string	type

Update Business terms in bulk

Update existing Business terms in Bulk

PUT https://localhost/api/v1/businessterms/bulk

Sample Request

curl -v -X PUT "https://localhost/api/v1/businessterms/bulk" -d '[{"description": "This business term description", "displayName": "Business term display-name", "enabledForDiscovery": true, "externalId": "607567590ced4472ab23be73", "externalSource": "externalSource", "glossaryId": "607567590ced4472ab23be73", "immutable": false, "isBusinessEntity": false, "isBusinessEntityExpressionDefault": true, "labels": ["Example"], "learningEnable": false, "minConfidence": 0, "name": "BusinessTerm", "parentId": "607567590ced4472ab23be73", "regex": "Regex pattern", "regexMaxLength": 0, "regexMinLength": 0, "sensitivity": "Medium", "termReferenceId": "607567590ced4472ab23be73", "richDescriptionIds": ["607567590ced4472ab23be73"], "attributes": {"key": "value"}, "termState": "Accepted", "termScope": ["useInUnstructured"], "stopOnNthMatch": 100, "termType": "Value", "unstructuredText": false,

"synonyms": ["synonyms"], "tagLp": {"index": 19, "length": 1076, "reference": "tag_lp/predefined_signatures", "type": "tag_lp"}, "anchorFlag": false, "anonymousName": false, "anonymousValues": false, "businessEntityExpression": "Value", "createResourceTermAssociation": false, "boundaryEnd": "Value", "boundaryStart": "Value", "businessCategory": "Value", "dataVersion": 26, "timeOfCreation": "2022-03-10T16:15:50Z", "timeOfLastChange": "2022-03-10T16:15:50Z", "type": "BusinessTerm", "maxConfidence": 0.67, "metadataCriteriaId": "607567590ced4472ab23be73", "useSeedFieldsAsLookup": false, "metadataCriteriaWeight": 0.56, "customProperties": [{"isFacetable": false, "isSearchable": false, "name": "property name", "propertyId": "633b03810cfbac6b55bd92e5", "value": "custom value", "isDefault": false}]}]'

```
[
  {
    "description": "This business term description",
    "displayName": "Business term display-name",
    "enabledForDiscovery": true,
    "externalId": "607567590ced4472ab23be73",
    "externalSource": "externalSource",
    "glossaryId": "607567590ced4472ab23be73",
    "immutable": false,
    "isBusinessEntity": false,
    "isBusinessEntityExpressionDefault": true,
    "labels": [
      "Example"
    ],
    "learningEnable": false,
    "minConfidence": 0,
    "name": "BusinessTerm",
    "parentId": "607567590ced4472ab23be73",
    "regex": "Regex pattern",
    "regexMaxLength": 0,
    "regexMinLength": 0,
    "sensitivity": "Medium",
    "termReferenceId": "607567590ced4472ab23be73",
    "richDescriptionIds": [
      "607567590ced4472ab23be73"
    ],
    "attributes": {
      "key": "value"
    },
    "termState": "Accepted",
    "termScope": [
      "useInUnstructured"
```

```json
      ],
      "stopOnNthMatch": 100,
      "termType": "Value",
      "unstructuredText": false,
      "synonyms": [
        "synonyms"
      ],
      "tagLp": {
        "index": 19,
        "length": 1076,
        "reference": "tag_lp/predefined_signatures",
        "type": "tag_lp"
      },
      "anchorFlag": false,
      "anonymousName": false,
      "anonymousValues": false,
      "businessEntityExpression": "Value",
      "createResourceTermAssociation": false,
      "boundaryEnd": "Value",
      "boundaryStart": "Value",
      "businessCategory": "Value",
      "dataVersion": 26,
      "timeOfCreation": "2022-03-10T16:15:50Z",
      "timeOfLastChange": "2022-03-10T16:15:50Z",
      "type": "BusinessTerm",
      "maxConfidence": 0.67,
      "metadataCriteriaId": "607567590ced4472ab23be73",
      "useSeedFieldsAsLookup": false,
      "metadataCriteriaWeight": 0.56,
      "customProperties": [
        {
          "isFacetable": false,
          "isSearchable": false,
          "name": "property name",
          "propertyId": "633b03810cfbac6b55bd92e5",
          "value": "custom value",
          "isDefault": false
        }
      ]
  }
]
```

Parameter	Type	Data Type	Required	Description
description	body	string	N	BusinessTerm text description
displayName	body	string	N	Business term display-name
enabledForDiscovery	body	boolean	N	Flag that indicates whether the term is available for discovery or not
externalId	body	string	N	ID in an external source if the term is imported
externalSource	body	string	N	externalSource Name
glossaryId	body	string	Y	Glossary Identifier
immutable	body	boolean	N	A boolean value representing whether the term is immutable or not
isBusinessEntity	body	boolean	N	Flag to check if this term is a BusinessEntity
isBusinessEntityExpressionDefault	body	boolean	N	Default Business entity expression or custom expression
labels	body	array	N	List of labels for the business term
learningEnable	body	boolean	N	Use only reference data, don't use other data
minConfidence	body	number	N	Accept only those associations that are above this value
name	body	string	Y	Name of the Business Term
parentId	body	string	N	ObjectId of the parent Business term from which the current term is derived

Parameter	Type	Data Type	Required	Description
regex	body	string	N	Regular Expression for Business term
regexMaxLength	body	number	N	Start to evaluate regex if field value is less or equal than this value
regexMinLength	body	number	N	Start to evaluate regex if field value is greater or equal than this value
sensitivity	body	object	N	Sensitivity of the term. Values can be 'High', 'Medium', 'Low', 'NonSensitive', 'Unknown'. Default is 'Unknown'
termReferenceId	body	string	N	It is a reference to another business term and is used during business entity discovery
richDescriptionIds	body	array	N	Identifiers of the rich description ids
attributes	body	object	N	Additional details of the Business Term. Its key value pair e.g {"key":"value"}
termState	body	string	N	The state of the business Term. Can be 'Suggested', 'Accepted', or 'Rejected'. Default is 'Accepted'.
termScope	body	array	N	The scope of the business Term. Can be 'useInStructured', 'useInUnstructured'
stopOnNthMatch	body	integer	N	Number of matches at which processing should stop

Parameter	Type	Data Type	Required	Description
termType	body	string	N	Enumerated values can be 'RegEx'	'Value'
unstructuredText	body	boolean	N	If true, treat term reference data (seed) as free text. Default value is false
synonyms	body	array	N	List of Synonyms
tagLp	body	object	N	Opaque object representing the location in discovery cache
anchorFlag	body	boolean	N	Flag to check if the term can be independently discovered without requiring context. Default value is false
anonymousName	body	boolean	N	If true, treat term and associated field names as anonymous. Default value is false
anonymousValues	body	boolean	N	If true, treat term reference data (seed) as anonymous. Default value is false.
businessEntityExpression	body	string	N	BusinessEntity expression
createResourceTermAssociation	body	boolean	N	Used in term discovery for business entities. If true, will create term-resource association.
boundaryEnd	body	string	N	Used with reg exes as an optimization
boundaryStart	body	string	N	Used with reg exes as an optimization
businessCategory	body	string	N	Category Object ID

Parameter	Type	Data Type	Required	Description
dataVersion	body	number	N	Monotonically increasing number to represent the data format version
timeOfCreation	body	string	N	Time stamp when the entity is created
timeOfLastChange	body	string	N	Time stamp when the entity is last updated
type	body	string	N	The type is constant here, which is 'BusinessTerm'
maxConfidence	body	number	N	Accept those associations automatically that are above this value.
metadataCriteriaId	body	string	N	Metadata Criteria for term assignment
useSeedFieldsAsLookup	body	boolean	N	Flag to indicate usage of Seed Fields as Look-up Table.
metadataCriteriaWeight	body	number	N	Metadata Criteria Weight, default is 0, and needs to in the range of 0 to 1
customProperties	body	array	N	List of custom properties
index	body	integer	N	index
length	body	integer	N	length
reference	body	string	N	reference
type	body	string	N	type

index	body	integer	N	index
length	body	integer	N	length
reference	body	string	N	reference
type	body	string	N	type

Sample Response

201 List of business term objects updated

```
[
  {
    "id": "633afcaa0b8763c2cea161d8",
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z",
    "anchorFlag": false,
    "anonymousName": false,
    "anonymousValues": false,
    "attributes": {},
    "boundaryEnd": "Value",
    "boundaryStart": "Value",
    "businessCategory": "Value",
    "businessEntityExpression": "Value",
    "createResourceTermAssociation": false,
    "dataVersion": 26,
    "description": "This business term description",
    "displayName": "Business Term Display Name",
    "enabledForDiscovery": true,
    "externalId": "607567590ced4472ab23be73",
    "externalSource": "ETL",
    "glossaryId": "607567590ced4472ab23be73",
    "immutable": false,
    "isBusinessEntity": false,
    "isBusinessEntityExpressionDefault": true,
    "labels": [
      "Example"
    ],
    "learningEnable": false,
    "logicalPath": "logicalPath",
    "minConfidence": 0,
    "name": "BusinessTerm",
    "parentId": "607567590ced4472ab23be73",
```

```
      "regex": "RegEx",
      "regexMaxLength": 0,
      "regexMinLength": 0,
      "richDescriptionIds": [
         "607567590ced4472ab23be73"
      ],
      "sensitivity": "Medium",
      "synonyms": [
         "synonyms"
      ],
      "tagLp": {
         "index": 19,
         "length": 1076,
         "reference": "tag_lp/predefined_signatures",
         "type": "tag_lp"
      },
      "termReferenceId": "607567590ced4472ab23be73",
      "termState": "Accepted",
      "termScope": [
         "useInUnstructured"
      ],
      "stopOnNthMatch": 100,
      "termType": "Value",
      "timeOfLastRegExChange": "2022-03-10T16:15:50Z",
      "type": "BusinessTerm",
      "unstructuredText": false,
      "userId": "633af5d0da49ec1337ec1c88",
      "maxConfidence": 0.67,
      "metadataCriteriaId": "607567590ced4472ab23be73",
      "useSeedFieldsAsLookup": false,
      "metadataCriteriaWeight": 0.56,
      "customProperties": [
         {
            "isFacetable": false,
            "isSearchable": false,
            "name": "property name",
            "propertyId": "633b03810cfbac6b55bd92e5",
            "value": "custom value",
            "isDefault": false
         }
      ]
   }
]
```

Parameter	Data Type	Description
id	string	Identifier of an entity
timeOfCreation	string	Time of creation for the entity
timeOfLastChange	string	Time of last modification for the entity
anchorFlag	boolean	Flag to check if the term can be independently discovered without requiring context. Default value is false
anonymousName	boolean	If true, treat term and associated field names as anonymous. Default value is false
anonymousValues	boolean	If true, treat term reference data (seed) as anonymous. Default value is false.
attributes	object	BusinessEntity extra attributes
boundaryEnd	string	Used with reg exes as an optimization
boundaryStart	string	Used with reg exes as an optimization
businessCategory	string	Category Object ID
businessEntityExpression	string	BusinessEntity expression
createResourceTermAssociation	boolean	Used in term discovery for business entities. If true, will create term-resource association.
dataVersion	integer	Version of the Glossary
description	string	BusinessTerm text description
displayName	string	BusinessTerm displayName name
enabledForDiscovery	boolean	Flag that indicates whether the term is available for discovery or not
externalId	string	ID in an external source if the term is imported
externalSource	string	externalSource Name
glossaryId	string	Glossary Identifier

Parameter	Data Type	Description
immutable	boolean	A boolean value representing whether the term is immutable or not
isBusinessEntity	boolean	Flag to check if this term is a BusinessEntity
isBusinessEntityExpressionDefault	boolean	Default Business entity expression or custom expression
labels	array	List of labels for the business term
learningEnable	boolean	Use only reference data, don't use other data
logicalPath	string	logicalPath of the Business term, The canonical path, e.g., Domain1/Term1.Term2.Term3
minConfidence	number	Accept only those associations that are above this value
name	string	Name of the Business Term
parentId	string	Business Term ParentId
regex	string	Regular Expression for Business term
regexMaxLength	number	Start to evaluate regex if field value is less or equal than this value
regexMinLength	number	Start to evaluate regex if field value is greater or equal than this value
richDescriptionIds	array	Identifiers of the rich description ids
sensitivity	string	Sensitivity of the term. Values can be 'High', 'Medium', 'Low', 'NonSensitive', 'Unknown'. Default is 'Unknown'
synonyms	array	List of Synonyms
tagLp	object	Opaque object representing the location in discovery cache
termReferenceId	string	It is a reference to another business term and is used during business entity discovery

Parameter	Data Type	Description
termState	string	The state of the business Term. Can be 'Suggested', 'Accepted', or 'Rejected'. Default is 'Accepted'.
termScope	array	The scope of the business Term. Can be 'useInStructured', 'useInUnstructured'
stopOnNthMatch	integer	Number of matches at which processing should stop
termType	string	Enumerated values can be 'RegEx' | 'Value'
timeOfLastRegExChange	string	Time at which the regex was updated
type	string	The type is constant here, which is 'BusinessTerm'
unstructuredText	boolean	If true, treat term reference data (seed) as free text. Default value is false
userId	string	Identifier of the user
maxConfidence	number	Accept those associations automatically that are above this value.
metadataCriteriaId	string	Metadata Criteria for term assignment
useSeedFieldsAsLookup	boolean	Flag to indicate usage of Seed Fields as Look-up Table.
metadataCriteriaWeight	number	Metadata Criteria Weight, default is 0, and needs to in the range of 0 to 1
customProperties	array	List of custom properties

index	integer	index
length	integer	length
reference	string	reference
type	string	type

Data Entities Management

API to manage Data Entities.

Create data entities in bulk

Create new data entities in bulk.

POST https://localhost/api/v1/dataentities/bulk

Sample Request

curl -v -X POST "https://localhost/api/v1/dataentities/bulk" -d '[{"dataSourceId": "6311a50ed16c3a6e3ded7f9d", "path": "/folder/file.csv/employee_name", "type": "Column", "isSampled": false, "ordinalPosition": 0, "rowCount": 0, "isSupportedDocumentType": true, "schemaName": "schemaName", "tableCount": 0, "description": "A short description", "attributes": {"avgUserRating": 0, "bufferLength": "0", "charOctetLength": "0", "checkClause": "clause", "columnDef": "column def", "columnName": "column name", "columnSize": "10", "dataType": "string", "dbName": "databaseName", "decimalDigits": "decimalDigits", "fieldIndex": 0, "fieldPath": "string", "fieldSeparator": "/", "fileEncoding": "UTF-8", "fileFormat": "application/json", "headerExists": true, "headerRowCount": 0, "indexes": {"id": "633b03810cfbac6b55bd92e5", "indexType": "indexType", "isNonUnique": false, "name": "name"}, "isForeignKey": false, "isNullable": "false", "isPrimaryKey": true, "isUnique": false, "max": "0", "min": "0", "nullable": "0", "nullableFlag": false, "numPrecRadix": "0", "ordinalPosition": "0", "primaryKeyColumnNames": [], "refGeneration": "refGeneration", "Remarks": "Remarks", "scopeCatalog": "scopeCatalog", "scopeSchema": "scopeSchema", "scopeTable": "scopeTable", "selfRefColumnName": "selfRefColumnName", "sourceDataType": "selfRefColumnName", "sqlDataType": "varchar", "sqlDateTimeSub": "sqlDateTimeSub", "tableCatalog": "catalog", "tableName": "tableName", "tableSchema": "schema", "tableSerde": "tableSerde", "typeCatalog": "typeCatalog", "typeName": "typeName", "typeSchema": "typeSchema", "xmlEndTag": "end tag", "xmlRootTag": "root tag", "xmlRowTag": "row tag", "xmlStartTag": "tag start"}, "customProperties": [{"isFacetable": false, "isSearchable": false, "name": "property name", "propertyId": "633b03810cfbac6b55bd92e5", "value": "custom value", "isDefault": false}], "extraAttributes": {}, "documentAttributes": {"format": "PDF", "title": "title", "author": "author", "subject": "subject", "keywords": [], "created": "2022-03-10T16:15:50Z", "modified": "2022-03-10T16:15:50Z", "application": "application", "pdfProducer": "pdfProducer", "pdfVersion": "1", "documentSize": 0, "pageSize": "10", "pageCount": 0, "id": "633b03810cfbac6b55bd92e1", "language": "en"}, "beAttributes": {"activityCount": 0, "activityLevel": "LOW", "allowDiscovery": true, "collectionMember": false, "collectionRoot": false, "copyStatus": "Unknown", "executionState": "executionState", "experts": [], "fileTikaType": "fileTikaType", "importedDescription": "importedDescription", "inferredExperts": "inferredExperts", "labels": [], "logFileRegex": "logFileRegex", "multiLineJson": false, "owners": [], "parquetBinaryToString": false, "partitionKeys": [], "partitionValues": [], "previousLocations": [], "readerKeyClass": "readerKeyClass", "readerValueClass": "readerValueClass", "regExCount": 0, "resourceCharsetName": "resourceCharsetName", "resourceLp": {"index": 19, "length": 1028, "reference": "resource_lp/1342441", "type": "resource_lp"}, "resourceOrigin":

"633b03810cfbac6b55bd92e5", "richDescriptionIds": [], "businessRules": [], "sampledRow": 0, "semantic": "semantic", "businessTerms": {"termAssociationId": "633b03810cfbac6b55bd92e5", "termLogicalPath": "/logicalPath/terms", "methodType": "Manual", "termAcceptance": "Manual", "termAssociationSemantic": "Sample", "termAssociationState": "SUGGESTED", "termId": "633b03810cfbac6b55bd92e5", "glossaryId": "607567590ced4472ab23be73", "termAssociationWeight": "0", "termAssociationType": "type", "termAssociationCount": 0, "displayName": "displayName"}, "containsBusinessTerms": {"termAssociationId": "633b03810cfbac6b55bd92e5", "termLogicalPath": "/logicalPath/terms", "methodType": "Manual", "termAcceptance": "Manual", "termAssociationSemantic": "Sample", "termAssociationState": "SUGGESTED", "termId": "633b03810cfbac6b55bd92e5", "glossaryId": "607567590ced4472ab23be73", "termAssociationWeight": "0", "termAssociationType": "type", "termAssociationCount": 0, "displayName": "displayName"}, "sensitivity": "UNKNOWN", "sensitivityType": "Computed", "sensitivitySetBy": "user defined", "evaluatedRegexes": [{"id": "633b03810cfbac6b55bd92e5", "regExTermId": "633b03810cfbac6b55bd9276", "regExTermCount": 0, "stoppedOnNthMatch": false}], "storagePolicy": "store policy", "storagePolicyDesired": "store policy desired", "virtualFolders": {"id": "62e845108f2169746f9fc2b7", "logicalPath": "Hdfs Raw Dataset", "type": "VirtualFolder"}}}]'

[
  {
    "dataSourceId": "6311a50ed16c3a6e3ded7f9d",
    "path": "/folder/file.csv/employee_name",
    "type": "Column",
    "isSampled": false,
    "ordinalPosition": 0,
    "rowCount": 0,
    "isSupportedDocumentType": true,
    "schemaName": "schemaName",
    "tableCount": 0,
    "description": "A short description",
    "attributes": {
      "avgUserRating": 0,
      "bufferLength": "0",
      "charOctetLength": "0",
      "checkClause": "clause",
      "columnDef": "column def",
      "columnName": "column name",
      "columnSize": "10",
      "dataType": "string",
      "dbName": "databaseName",
      "decimalDigits": "decimalDigits",
      "fieldIndex": 0,
      "fieldPath": "string",

```
"fieldSeparator": "/",
"fileEncoding": "UTF-8",
"fileFormat": "application/json",
"headerExists": true,
"headerRowCount": 0,
"indexes": {
   "id": "633b03810cfbac6b55bd92e5",
   "indexType": "indexType",
   "isNonUnique": false,
   "name": "name"
},
"isForeignKey": false,
"isNullable": "false",
"isPrimaryKey": true,
"isUnique": false,
"max": "0",
"min": "0",
"nullable": "0",
"nullableFlag": false,
"numPrecRadix": "0",
"ordinalPosition": "0",
"primaryKeyColumnNames": [],
"refGeneration": "refGeneration",
"Remarks": "Remarks",
"scopeCatalog": "scopeCatalog",
"scopeSchema": "scopeSchema",
"scopeTable": "scopeTable",
"selfRefColumnName": "selfRefColumnName",
"sourceDataType": "selfRefColumnName",
"sqlDataType": "varchar",
"sqlDateTimeSub": "sqlDateTimeSub",
"tableCatalog": "catalog",
"tableName": "tableName",
"tableSchema": "schema",
"tableSerde": "tableSerde",
"typeCatalog": "typeCatalog",
"typeName": "typeName",
"typeSchema": "typeSchema",
"xmlEndTag": "end tag",
"xmlRootTag": "root tag",
"xmlRowTag": "row tag",
"xmlStartTag": "tag start"
```

```
            },
            "customProperties": [
              {
                "isFacetable": false,
                "isSearchable": false,
                "name": "property name",
                "propertyId": "633b03810cfbac6b55bd92e5",
                "value": "custom value",
                "isDefault": false
              }
            ],
            "extraAttributes": {},
            "documentAttributes": {
              "format": "PDF",
              "title": "title",
              "author": "author",
              "subject": "subject",
              "keywords": [],
              "created": "2022-03-10T16:15:50Z",
              "modified": "2022-03-10T16:15:50Z",
              "application": "application",
              "pdfProducer": "pdfProducer",
              "pdfVersion": "1",
              "documentSize": 0,
              "pageSize": "10",
              "pageCount": 0,
              "id": "633b03810cfbac6b55bd92e1",
              "language": "en"
            },
            "beAttributes": {
              "activityCount": 0,
              "activityLevel": "LOW",
              "allowDiscovery": true,
              "collectionMember": false,
              "collectionRoot": false,
              "copyStatus": "Unknown",
              "executionState": "executionState",
              "experts": [],
              "fileTikaType": "fileTikaType",
              "importedDescription": "importedDescription",
              "inferredExperts": "inferredExperts",
              "labels": [],
```

```
    "logFileRegex": "logFileRegex",
    "multiLineJson": false,
    "owners": [],
    "parquetBinaryToString": false,
    "partitionKeys": [],
    "partitionValues": [],
    "previousLocations": [],
    "readerKeyClass": "readerKeyClass",
    "readerValueClass": "readerValueClass",
    "regExCount": 0,
    "resourceCharsetName": "resourceCharsetName",
    "resourceLp": {
       "index": 19,
       "length": 1028,
       "reference": "resource_lp/1342441",
       "type": "resource_lp"
    },
    "resourceOrigin": "633b03810cfbac6b55bd92e5",
    "richDescriptionIds": [],
    "businessRules": [],
    "sampledRow": 0,
    "semantic": "semantic",
    "businessTerms": {
       "termAssociationId": "633b03810cfbac6b55bd92e5",
       "termLogicalPath": "/logicalPath/terms",
       "methodType": "Manual",
       "termAcceptance": "Manual",
       "termAssociationSemantic": "Sample",
       "termAssociationState": "SUGGESTED",
       "termId": "633b03810cfbac6b55bd92e5",
       "glossaryId": "607567590ced4472ab23be73",
       "termAssociationWeight": "0",
       "termAssociationType": "type",
       "termAssociationCount": 0,
       "displayName": "displayName"
    },
    "containsBusinessTerms": {
       "termAssociationId": "633b03810cfbac6b55bd92e5",
       "termLogicalPath": "/logicalPath/terms",
       "methodType": "Manual",
       "termAcceptance": "Manual",
       "termAssociationSemantic": "Sample",
```

```
      "termAssociationState": "SUGGESTED",
      "termId": "633b03810cfbac6b55bd92e5",
      "glossaryId": "607567590ced4472ab23be73",
      "termAssociationWeight": "0",
      "termAssociationType": "type",
      "termAssociationCount": 0,
      "displayName": "displayName"
    },
    "sensitivity": "UNKNOWN",
    "sensitivityType": "Computed",
    "sensitivitySetBy": "user defined",
    "evaluatedRegexes": [
      {
        "id": "633b03810cfbac6b55bd92e5",
        "regExTermId": "633b03810cfbac6b55bd9276",
        "regExTermCount": 0,
        "stoppedOnNthMatch": false
      }
    ],
    "storagePolicy": "store policy",
    "storagePolicyDesired": "store policy desired",
    "virtualFolders": {
      "id": "62e845108f2169746f9fc2b7",
      "logicalPath": "Hdfs Raw Dataset",
      "type": "VirtualFolder"
    }
  }
 }
]
```

Parameter	Type	Data Type	Required	Description
dataSourceId	body	string	Y	ID of the datasource
path	body	string	Y	Data Entity for given path
type	body	string	Y	Provide Entity Type
isSampled	body	boolean	N	Data entity is profiled with sampled data
ordinalPosition	body	number	N	Ordinal position

Parameter	Type	Data Type	Required	Description
rowCount	body	number	N	Row count
isSupportedDocumentType	body	boolean	N	isSupportedDocumentType
schemaName	body	string	N	Schema name
tableCount	body	number	N	Table count
description	body	string	N	Note/Description about the data entity
attributes	body	object	N	Attributes list
customProperties	body	array	N	Custom properties of the Data entity
extraAttributes	body	object	N	Extra datasource attributes
documentAttributes	body	object	N	Document Attributes
beAttributes	body	object	N	Backend Attributes
avgUserRating	body	integer	N	Average user rating
bufferLength	body	string	N	Buffer length
charOctetLength	body	string	N	Character octet length
checkClause	body	string	N	Check clause
columnDef	body	string	N	Column definition
columnName	body	string	N	Column name
columnSize	body	string	N	Column size
dataType	body	string	N	Datatype of the column
dbName	body	string	N	Database name
decimalDigits	body	string	N	Decimal digits
extendedAttributes	body	object	N	Extended Attributes
fieldIndex	body	integer	N	Field index of the column

Parameter	Type	Data Type	Required	Description
fieldPath	body	string	N	Field path of the column
fieldSeparator	body	string	N	Field separator of the data entity
fileEncoding	body	string	N	File encoding of the data entity
fileFormat	body	string	N	File format of the data entity
headerExists	body	boolean	N	Flag to identify if header exists
headerRowCount	body	integer	N	Header Row count
indexes	body	array	N	Indexes
isForeignKey	body	boolean	N	ForeignKey or not
isNullable	body	string	N	Nullable or not
isPrimaryKey	body	boolean	N	PrimaryKey or not
isUnique	body	boolean	N	Unique or not
max	body	string	N	Maximum value. Applicable for Column
min	body	string	N	Minimum value. Applicable for Column
nullable	body	string	N	nullable
nullableFlag	body	boolean	N	Nullable flag. Applicable for Column
numPrecRadix	body	string	N	num Prec Redix
ordinalPosition	body	string	N	Ordinal position
primaryKeyColumnNames	body	array	N	Primary key column names
refGeneration	body	string	N	refGeneration
Remarks	body	string	N	Remarks
scopeCatalog	body	string	N	Scope catalog
scopeSchema	body	string	N	Scope schema

Parameter	Type	Data Type	Required	Description
scopeTable	body	string	N	Scope table name
selfRefColumnName	body	string	N	Self Ref Column Name
sourceDataType	body	string	N	Source Data Type
sqlDataType	body	string	N	Sql data type
sqlDateTimeSub	body	string	N	Sqldatetimesub
tableCatalog	body	string	N	Tablecatalog
tableName	body	string	N	Table name
tableSchema	body	string	N	Table schema
tableSerde	body	string	N	Table serde
typeCatalog	body	string	N	Type catalog
typeName	body	string	N	Type name
typeSchema	body	string	N	Type schema
xmlEndTag	body	string	N	XML end tag
xmlRootTag	body	string	N	XML root tag
xmlRowTag	body	string	N	XML row tag
xmlStartTag	body	string	N	XML start tag
isFacetable	body	boolean	N	Flag to make the property facetable
isSearchable	body	boolean	N	Flag to make the property searchable
name	body	string	N	Custom property name
propertyId	body	string	N	Property ID
value	body	string	N	Value of the property
isDefault	body	boolean	N	Flag to identify if the value is the property default value

Parameter	Type	Data Type	Required	Description
format	body	string	N	format attributes
title	body	string	N	Title
author	body	string	N	Author
subject	body	string	N	Subject
keywords	body	array	N	Keywords
created	body	string	N	Created
modified	body	string	N	Modified
application	body	string	N	Application
pdfProducer	body	string	N	pdfProducer
pdfVersion	body	string	N	pdf version
documentSize	body	integer	N	document Size
pageSize	body	string	N	page size
pageCount	body	integer	N	page count
id	body	string	N	ID of document attributes
language	body	string	N	language of the document
activityCount	body	integer	N	activity count value
activityLevel	body	string	N	activity level value HIGH/LOW/MEDIUM
allowDiscovery	body	boolean	N	Allow discovery of activity
collectionInfo	body	object	N	Collections information
collectionMember	body	boolean	N	Flag to identify whether this data-entity is a member of a collection
collectionRoot	body	boolean	N	Flag to identify whether this data-entity is a root collection
copyStatus	body	string	N	Copy status of the data entity

Parameter	Type	Data Type	Required	Description
executionState	body	string	N	Execution state of the data entity
experts	body	array	N	List of experts
fileTikaType	body	string	N	File type recognised by Tika
importedDescription	body	string	N	Imported description
inferredExperts	body	string	N	Experts inferred from the virtual folders
labels	body	array	N	List of labels
logFileRegex	body	string	N	Log file regex value
multiLineJson	body	boolean	N	Flag to check if data entity has multi line JSON
owners	body	array	N	List of owners
parquetBinaryToString	body	boolean	N	parquet binary to string
partitionKeys	body	array	N	Partition keys
partitionValues	body	array	N	Partition values
previousLocations	body	array	N	Datatype of the column
readerKeyClass	body	string	N	Sequence file reader key classname
readerValueClass	body	string	N	Sequence file reader value classname
regExCount	body	integer	N	regex count
resourceCharsetName	body	string	N	Charset name
resourceLp	body	object	N	Resource LP information
resourceOrigin	body	string	N	Resource origin
resourceState	body	object	N	State of the data entity. Default value is "AVAILABLE"
richDescriptionIds	body	array	N	Datatype of the column

Parameter	Type	Data Type	Required	Description
businessRules	body	array	N	List of assigned business rules
sampledRow	body	integer	N	Sampled row
semantic	body	string	N	semantic for data entity
businessTerms	body	array	N	Business terms
containsBusinessTerms	body	array	N	Contains business terms
sensitivity	body	string	N	Sensitivity of the data-entity
sensitivityType	body	string	N	Sensitivity type of the data-entity
sensitivitySetBy	body	string	N	Sensitivity set by
sensitivityCount	body	array	N	Saves the count of sensitivity for each type that is associated with the data entity
evaluatedRegexes	body	array	N	Evaluated Regular Expression attributes
storagePolicy	body	string	N	Storage policy of the data entity
storagePolicyDesired	body	string	N	Storage policy desired of the data entity
virtualFolders	body	object	N	List of Virtual folders
index	body	integer	N	index
length	body	integer	N	length
reference	body	string	N	reference
type	body	string	N	type
id	body	string	N	unique ID of the evaluated regex
regExTermId	body	string	N	terms ID
regExTermCount	body	integer	N	regex term count
stoppedOnNthMatch	body	boolean	N	stopped on nth match

Parameter	Type	Data Type	Required	Description
id	body	string	N	Virtual Folders ID
logicalPath	body	string	N	Logical path of the virtual folder
type	body	string	N	Type

Sample Response

201 List of Data Entities created

```
[
  {
    "id": "633afcaa0b8763c2cea161d8",
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z",
    "name": "file.csv",
    "type": "File",
    "logicalPath": "1/hitachi_gosales/product_line",
    "parentId": "633ad4b9a35b7c6b34db3a07",
    "description": "short description",
    "dataSourceId": "633ad4b9a35b7c6b34db3a07",
    "path": "/demo/folder/file.csv",
    "parentPath": "/demo/folder",
    "attributes": {
      "avgUserRating": 0,
      "bufferLength": "0",
      "charOctetLength": "0",
      "checkClause": "clause",
      "columnDef": "column def",
      "columnName": "column name",
      "columnSize": "10",
      "dataType": "string",
      "dbName": "databaseName",
      "decimalDigits": "decimalDigits",
      "fieldIndex": 0,
      "fieldPath": "string",
      "fieldSeparator": "/",
      "fileEncoding": "UTF-8",
      "fileFormat": "application/json",
      "headerExists": true,
      "headerRowCount": 0,
```

```json
    "indexes": {
      "id": "633b03810cfbac6b55bd92e5",
      "indexType": "indexType",
      "isNonUnique": false,
      "name": "name"
    },
    "isForeignKey": false,
    "isNullable": "false",
    "isPrimaryKey": true,
    "isUnique": false,
    "max": "0",
    "min": "0",
    "nullable": "0",
    "nullableFlag": false,
    "numPrecRadix": "0",
    "ordinalPosition": "0",
    "primaryKeyColumnNames": [],
    "refGeneration": "refGeneration",
    "Remarks": "Remarks",
    "scopeCatalog": "scopeCatalog",
    "scopeSchema": "scopeSchema",
    "scopeTable": "scopeTable",
    "selfRefColumnName": "selfRefColumnName",
    "sourceDataType": "selfRefColumnName",
    "sqlDataType": "varchar",
    "sqlDateTimeSub": "sqlDateTimeSub",
    "tableCatalog": "catalog",
    "tableName": "tableName",
    "tableSchema": "schema",
    "tableSerde": "tableSerde",
    "typeCatalog": "typeCatalog",
    "typeName": "typeName",
    "typeSchema": "typeSchema",
    "xmlEndTag": "end tag",
    "xmlRootTag": "root tag",
    "xmlRowTag": "row tag",
    "xmlStartTag": "tag start"
  },
  "beAttributes": {
    "activityCount": 0,
    "activityLevel": "LOW",
    "allowDiscovery": true,
```

```
"collectionMember": false,
"collectionRoot": false,
"copyStatus": "Unknown",
"executionState": "executionState",
"experts": [],
"fileTikaType": "fileTikaType",
"importedDescription": "importedDescription",
"inferredExperts": "inferredExperts",
"labels": [],
"logFileRegex": "logFileRegex",
"multiLineJson": false,
"owners": [],
"parquetBinaryToString": false,
"partitionKeys": [],
"partitionValues": [],
"previousLocations": [],
"readerKeyClass": "readerKeyClass",
"readerValueClass": "readerValueClass",
"regExCount": 0,
"resourceCharsetName": "resourceCharsetName",
"resourceLp": {
  "index": 19,
  "length": 1028,
  "reference": "resource_lp/1342441",
  "type": "resource_lp"
},
"resourceOrigin": "633b03810cfbac6b55bd92e5",
"richDescriptionIds": [],
"businessRules": [],
"sampledRow": 0,
"semantic": "semantic",
"businessTerms": {
  "termAssociationId": "633b03810cfbac6b55bd92e5",
  "termLogicalPath": "/logicalPath/terms",
  "methodType": "Manual",
  "termAcceptance": "Manual",
  "termAssociationSemantic": "Sample",
  "termAssociationState": "SUGGESTED",
  "termId": "633b03810cfbac6b55bd92e5",
  "glossaryId": "607567590ced4472ab23be73",
  "termAssociationWeight": "0",
  "termAssociationType": "type",
```

```
      "termAssociationCount": 0,
      "displayName": "displayName"
    },
    "containsBusinessTerms": {
      "termAssociationId": "633b03810cfbac6b55bd92e5",
      "termLogicalPath": "/logicalPath/terms",
      "methodType": "Manual",
      "termAcceptance": "Manual",
      "termAssociationSemantic": "Sample",
      "termAssociationState": "SUGGESTED",
      "termId": "633b03810cfbac6b55bd92e5",
      "glossaryId": "607567590ced4472ab23be73",
      "termAssociationWeight": "0",
      "termAssociationType": "type",
      "termAssociationCount": 0,
      "displayName": "displayName"
    },
    "sensitivity": "UNKNOWN",
    "sensitivityType": "Computed",
    "sensitivitySetBy": "user defined",
    "evaluatedRegexes": [
      {
        "id": "633b03810cfbac6b55bd92e5",
        "regExTermId": "633b03810cfbac6b55bd9276",
        "regExTermCount": 0,
        "stoppedOnNthMatch": false
      }
    ],
    "storagePolicy": "store policy",
    "storagePolicyDesired": "store policy desired",
    "virtualFolders": {
      "id": "62e845108f2169746f9fc2b7",
      "logicalPath": "Hdfs Raw Dataset",
      "type": "VirtualFolder"
    }
  },
  "columnsCount": 0,
  "customProperties": [
    {
      "isFacetable": false,
      "isSearchable": false,
      "name": "property name",
```

```
              "propertyId": "633b03810cfbac6b55bd92e5",
              "value": "custom value",
              "isDefault": false
          }
      ],
      "dataVersion": 0,
      "displayName": "display name",
      "extraAttributes": {},
      "isSampled": false,
      "ordinalPosition": 0,
      "rowCount": 1,
      "schemaChecksum": "234556",
      "schemaName": "Schema Name",
      "statistics": {},
      "tableCount": 5,
      "documentAttributes": {
          "format": "PDF",
          "title": "title",
          "author": "author",
          "subject": "subject",
          "keywords": [],
          "created": "2022-03-10T16:15:50Z",
          "modified": "2022-03-10T16:15:50Z",
          "application": "application",
          "pdfProducer": "pdfProducer",
          "pdfVersion": "1",
          "documentSize": 0,
          "pageSize": "10",
          "pageCount": 0,
          "id": "633b03810cfbac6b55bd92e1",
          "language": "en"
      },
      "virtualFolders": {
          "id": "62e845108f2169746f9fc2b7",
          "logicalPath": "Hdfs Raw Dataset",
          "type": "VirtualFolder"
      }
  }
]
```

Parameter	Data Type	Description
id	string	Identifier of an entity
timeOfCreation	string	Time of creation for the entity
timeOfLastChange	string	Time of last modification for the entity
name	string	Name of file
type	string	Type of the DataEntity
logicalPath	string	Logical path
parentId	string	Parent ID Object of this DataEntity
description	string	Note or Short description about the asset
dataSourceId	string	Datasource Object ID of this DataEntity
path	string	Info about path
parentPath	string	Info about parent path
attributes	object	Attributes list
beAttributes	object	Backend Attributes
columnsCount	integer	Number of Columns
customProperties	array	Custom Properties
dataVersion	integer	Version
displayName	string	Display Name
extraAttributes	object	Extra Attributes
isSampled	boolean	Is Sampled?
ordinalPosition	integer	Ordinal Position
rowCount	integer	Number of Rows
schemaChecksum	string	Check Sum
schemaName	string	Schema Name

Parameter	Data Type	Description
statistics	object	Statistic
tableCount	number	Number of Tables count
documentAttributes	object	Document Attributes
virtualFolders	object	List of Virtual folders

Parameter	Data Type	Description
avgUserRating	integer	Average user rating
bufferLength	string	Buffer length
charOctetLength	string	Character octet length
checkClause	string	Check clause
columnDef	string	Column definition
columnName	string	Column name
columnSize	string	Column size
dataType	string	Datatype of the column
dbName	string	Database name
decimalDigits	string	Decimal digits
extendedAttributes	object	Extended Attributes
fieldIndex	integer	Field index of the column
fieldPath	string	Field path of the column
fieldSeparator	string	Field separator of the data entity
fileEncoding	string	File encoding of the data entity
fileFormat	string	File format of the data entity
headerExists	boolean	Flag to identify if header exists

Parameter	Data Type	Description
headerRowCount	integer	Header Row count
indexes	array	Indexes
isForeignKey	boolean	ForeignKey or not
isNullable	string	Nullable or not
isPrimaryKey	boolean	PrimaryKey or not
isUnique	boolean	Unique or not
max	string	Maximum value. Applicable for Column
min	string	Minimum value. Applicable for Column
nullable	string	Nullable
nullableFlag	boolean	Nullable flag. Applicable for Column
numPrecRadix	string	num Prec Redix
ordinalPosition	string	Ordinal position
primaryKeyColumnNames	array	Primary key column names
refGeneration	string	refGeneration
Remarks	string	Remarks
scopeCatalog	string	Scope catalog
scopeSchema	string	scope schema
scopeTable	string	scope table name
selfRefColumnName	string	self Ref Column Name
sourceDataType	string	source Data Type
sqlDataType	string	sql data type
sqlDateTimeSub	string	sqlDateTimeSub
tableCatalog	string	tableCatalog

Parameter	Data Type	Description
tableName	string	table name
tableSchema	string	table schema
tableSerde	string	table serde
typeCatalog	string	type catalog
typeName	string	type name
typeSchema	string	type schema
xmlEndTag	string	XML end tag
xmlRootTag	string	XML root tag
xmlRowTag	string	XML row tag
xmlStartTag	string	XML start tag

Parameter	Data Type	Description
activityCount	integer	activity count value
activityLevel	string	activity level value HIGH/LOW/MEDIUM
allowDiscovery	boolean	Allow discovery of activity
collectionInfo	object	Collections information
collectionMember	boolean	Flag to identify whether this data-entity is a member of a collection
collectionRoot	boolean	Flag to identify whether this data-entity is a root collection
copyStatus	string	Copy status of the data entity
executionState	string	Execution state of the data entity
experts	array	List of experts
fileTikaType	string	File type recognized by Tika

Parameter	Data Type	Description
importedDescription	string	Imported description
inferredExperts	string	Experts inferred from the virtual folders
labels	array	List of labels
logFileRegex	string	Log file regex value
multiLineJson	boolean	Flag to check if data entity has multi line JSON
owners	array	List of owners
parquetBinaryToString	boolean	parquet binary to string
partitionKeys	array	Partition keys
partitionValues	array	Partition values
previousLocations	array	Datatype of the column
readerKeyClass	string	Sequence file reader key classname
readerValueClass	string	Sequence file reader value classname
regExCount	integer	regex count
resourceCharsetName	string	Charset name
resourceLp	object	Resource LP information
resourceOrigin	string	Resource origin
resourceState	object	State of the data entity. Default value is "AVAILABLE"
richDescriptionIds	array	Datatype of the column
businessRules	array	List of assigned business rules
sampledRow	integer	Sampled row
semantic	string	semantic for data entity
businessTerms	array	Business terms
containsBusinessTerms	array	Contains business terms

Parameter	Data Type	Description
sensitivity	string	Sensitivity of the data-entity
sensitivityType	string	Sensitivity type of the data-entity
sensitivitySetBy	string	Sensitivity set by
sensitivityCount	array	Saves the count of sensitivity for each type that is associated with the data entity
evaluatedRegexes	array	Evaluated Regular Expression attributes
storagePolicy	string	Storage policy of the data entity
storagePolicyDesired	string	Storage policy desired of the data entity
virtualFolders	object	List of Virtual folders

Parameter	Data Type	Description
format	string	format attributes
title	string	title
author	string	author
subject	string	subject
keywords	array	keywords
created	string	created
modified	string	modified
application	string	application
pdfProducer	string	pdfProducer
pdfVersion	string	pdf version
documentSize	integer	document Size
pageSize	string	page size
pageCount	integer	page count

Parameter	Data Type	Description
id	string	ID of document attributes
language	string	language of the document

Parameter	Data Type	Description
id	string	Virtual Folders ID
logicalPath	string	Logical path of the virtual folder
type	string	Type

index	integer	index
length	integer	length
reference	string	reference
type	string	type

Parameter	Data Type	Description
id	string	unique ID of the evaluated regex
regExTermId	string	terms ID
regExTermCount	integer	regex term count
stoppedOnNthMatch	boolean	stopped on nth match

Parameter	Data Type	Description
id	string	Virtual Folders ID
logicalPath	string	Logical path of the virtual folder
type	string	Type

Create data entity

Create a data entity for provided details.

POST https://localhost/api/v1/dataentities

Sample Request

curl -v -X POST "https://localhost/api/v1/dataentities" -d '{"dataSourceId":
"6311a50ed16c3a6e3ded7f9d", "path": "/folder/file.csv/employee_name", "type": "Column",
"isSampled": false, "ordinalPosition": 0, "rowCount": 0, "isSupportedDocumentType": true,
"schemaName": "schemaName", "tableCount": 0, "description": "A short description", "attributes":
{"avgUserRating": 0, "bufferLength": "0", "charOctetLength": "0", "checkClause": "clause", "columnDef":
"column def", "columnName": "column name", "columnSize": "10", "dataType": "string", "dbName":
"databaseName", "decimalDigits": "decimalDigits", "fieldIndex": 0, "fieldPath": "string",
"fieldSeparator": "/", "fileEncoding": "UTF-8", "fileFormat": "application/json", "headerExists": true,
"headerRowCount": 0, "indexes": {"id": "633b03810cfbac6b55bd92e5", "indexType": "indexType",
"isNonUnique": false, "name": "name"}, "isForeignKey": false, "isNullable": "false", "isPrimaryKey": true,
"isUnique": false, "max": "0", "min": "0", "nullable": "0", "nullableFlag": false, "numPrecRadix": "0",
"ordinalPosition": "0", "primaryKeyColumnNames": [], "refGeneration": "refGeneration", "Remarks":
"Remarks", "scopeCatalog": "scopeCatalog", "scopeSchema": "scopeSchema", "scopeTable":
"scopeTable", "selfRefColumnName": "selfRefColumnName", "sourceDataType": "selfRefColumnName",
"sqlDataType": "varchar", "sqlDateTimeSub": "sqlDateTimeSub", "tableCatalog": "catalog",
"tableName": "tableName", "tableSchema": "schema", "tableSerde": "tableSerde", "typeCatalog":
"typeCatalog", "typeName": "typeName", "typeSchema": "typeSchema", "xmlEndTag": "end tag",
"xmlRootTag": "root tag", "xmlRowTag": "row tag", "xmlStartTag": "tag start"}, "customProperties":
[{"isFacetable": false, "isSearchable": false, "name": "property name", "propertyId":
"633b03810cfbac6b55bd92e5", "value": "custom value", "isDefault": false}], "extraAttributes": {},
"documentAttributes": {"format": "PDF", "title": "title", "author": "author", "subject": "subject",
"keywords": [], "created": "2022-03-10T16:15:50Z", "modified": "2022-03-10T16:15:50Z", "application":
"application", "pdfProducer": "pdfProducer", "pdfVersion": "1", "documentSize": 0, "pageSize": "10",
"pageCount": 0, "id": "633b03810cfbac6b55bd92e1", "language": "en"}, "beAttributes":
{"activityCount": 0, "activityLevel": "LOW", "allowDiscovery": true, "collectionMember": false,
"collectionRoot": false, "copyStatus": "Unknown", "executionState": "executionState", "experts": [],
"fileTikaType": "fileTikaType", "importedDescription": "importedDescription", "inferredExperts":
"inferredExperts", "labels": [], "logFileRegex": "logFileRegex", "multiLineJson": false, "owners": [],
"parquetBinaryToString": false, "partitionKeys": [], "partitionValues": [], "previousLocations": [],
"readerKeyClass": "readerKeyClass", "readerValueClass": "readerValueClass", "regExCount": 0,
"resourceCharsetName": "resourceCharsetName", "resourceLp": {"index": 19, "length": 1028,
"reference": "resource_lp/1342441", "type": "resource_lp"}, "resourceOrigin":
"633b03810cfbac6b55bd92e5", "richDescriptionIds": [], "businessRules": [], "sampledRow": 0,
"semantic": "semantic", "businessTerms": {"termAssociationId": "633b03810cfbac6b55bd92e5",
"termLogicalPath": "/logicalPath/terms", "methodType": "Manual", "termAcceptance": "Manual",
"termAssociationSemantic": "Sample", "termAssociationState": "SUGGESTED", "termId":

"633b03810cfbac6b55bd92e5", "glossaryId": "607567590ced4472ab23be73", "termAssociationWeight":
"0", "termAssociationType": "type", "termAssociationCount": 0, "displayName": "displayName"},
"containsBusinessTerms": {"termAssociationId": "633b03810cfbac6b55bd92e5", "termLogicalPath":
"/logicalPath/terms", "methodType": "Manual", "termAcceptance": "Manual",
"termAssociationSemantic": "Sample", "termAssociationState": "SUGGESTED", "termId":
"633b03810cfbac6b55bd92e5", "glossaryId": "607567590ced4472ab23be73", "termAssociationWeight":
"0", "termAssociationType": "type", "termAssociationCount": 0, "displayName": "displayName"},
"sensitivity": "UNKNOWN", "sensitivityType": "Computed", "sensitivitySetBy": "user defined",
"evaluatedRegexes": [{"id": "633b03810cfbac6b55bd92e5", "regExTermId":
"633b03810cfbac6b55bd9276", "regExTermCount": 0, "stoppedOnNthMatch": false}], "storagePolicy":
"store policy", "storagePolicyDesired": "store policy desired", "virtualFolders": {"id":
"62e845108f2169746f9fc2b7", "logicalPath": "Hdfs Raw Dataset", "type": "VirtualFolder"}}}'

{
   "dataSourceId": "6311a50ed16c3a6e3ded7f9d",
   "path": "/folder/file.csv/employee_name",
   "type": "Column",
   "isSampled": false,
   "ordinalPosition": 0,
   "rowCount": 0,
   "isSupportedDocumentType": true,
   "schemaName": "schemaName",
   "tableCount": 0,
   "description": "A short description",
   "attributes": {
      "avgUserRating": 0,
      "bufferLength": "0",
      "charOctetLength": "0",
      "checkClause": "clause",
      "columnDef": "column def",
      "columnName": "column name",
      "columnSize": "10",
      "dataType": "string",
      "dbName": "databaseName",
      "decimalDigits": "decimalDigits",
      "fieldIndex": 0,
      "fieldPath": "string",
      "fieldSeparator": "/",
      "fileEncoding": "UTF-8",
      "fileFormat": "application/json",
      "headerExists": true,
      "headerRowCount": 0,

```json
      "indexes": {
         "id": "633b03810cfbac6b55bd92e5",
         "indexType": "indexType",
         "isNonUnique": false,
         "name": "name"
      },
      "isForeignKey": false,
      "isNullable": "false",
      "isPrimaryKey": true,
      "isUnique": false,
      "max": "0",
      "min": "0",
      "nullable": "0",
      "nullableFlag": false,
      "numPrecRadix": "0",
      "ordinalPosition": "0",
      "primaryKeyColumnNames": [],
      "refGeneration": "refGeneration",
      "Remarks": "Remarks",
      "scopeCatalog": "scopeCatalog",
      "scopeSchema": "scopeSchema",
      "scopeTable": "scopeTable",
      "selfRefColumnName": "selfRefColumnName",
      "sourceDataType": "selfRefColumnName",
      "sqlDataType": "varchar",
      "sqlDateTimeSub": "sqlDateTimeSub",
      "tableCatalog": "catalog",
      "tableName": "tableName",
      "tableSchema": "schema",
      "tableSerde": "tableSerde",
      "typeCatalog": "typeCatalog",
      "typeName": "typeName",
      "typeSchema": "typeSchema",
      "xmlEndTag": "end tag",
      "xmlRootTag": "root tag",
      "xmlRowTag": "row tag",
      "xmlStartTag": "tag start"
   },
   "customProperties": [
      {
         "isFacetable": false,
         "isSearchable": false,
```

```
      "name": "property name",
      "propertyId": "633b03810cfbac6b55bd92e5",
      "value": "custom value",
      "isDefault": false
    }
  ],
  "extraAttributes": {},
  "documentAttributes": {
    "format": "PDF",
    "title": "title",
    "author": "author",
    "subject": "subject",
    "keywords": [],
    "created": "2022-03-10T16:15:50Z",
    "modified": "2022-03-10T16:15:50Z",
    "application": "application",
    "pdfProducer": "pdfProducer",
    "pdfVersion": "1",
    "documentSize": 0,
    "pageSize": "10",
    "pageCount": 0,
    "id": "633b03810cfbac6b55bd92e1",
    "language": "en"
  },
  "beAttributes": {
    "activityCount": 0,
    "activityLevel": "LOW",
    "allowDiscovery": true,
    "collectionMember": false,
    "collectionRoot": false,
    "copyStatus": "Unknown",
    "executionState": "executionState",
    "experts": [],
    "fileTikaType": "fileTikaType",
    "importedDescription": "importedDescription",
    "inferredExperts": "inferredExperts",
    "labels": [],
    "logFileRegex": "logFileRegex",
    "multiLineJson": false,
    "owners": [],
    "parquetBinaryToString": false,
    "partitionKeys": [],
```

```
"partitionValues": [],
"previousLocations": [],
"readerKeyClass": "readerKeyClass",
"readerValueClass": "readerValueClass",
"regExCount": 0,
"resourceCharsetName": "resourceCharsetName",
"resourceLp": {
   "index": 19,
   "length": 1028,
   "reference": "resource_lp/1342441",
   "type": "resource_lp"
},
"resourceOrigin": "633b03810cfbac6b55bd92e5",
"richDescriptionIds": [],
"businessRules": [],
"sampledRow": 0,
"semantic": "semantic",
"businessTerms": {
   "termAssociationId": "633b03810cfbac6b55bd92e5",
   "termLogicalPath": "/logicalPath/terms",
   "methodType": "Manual",
   "termAcceptance": "Manual",
   "termAssociationSemantic": "Sample",
   "termAssociationState": "SUGGESTED",
   "termId": "633b03810cfbac6b55bd92e5",
   "glossaryId": "607567590ced4472ab23be73",
   "termAssociationWeight": "0",
   "termAssociationType": "type",
   "termAssociationCount": 0,
   "displayName": "displayName"
},
"containsBusinessTerms": {
   "termAssociationId": "633b03810cfbac6b55bd92e5",
   "termLogicalPath": "/logicalPath/terms",
   "methodType": "Manual",
   "termAcceptance": "Manual",
   "termAssociationSemantic": "Sample",
   "termAssociationState": "SUGGESTED",
   "termId": "633b03810cfbac6b55bd92e5",
   "glossaryId": "607567590ced4472ab23be73",
   "termAssociationWeight": "0",
   "termAssociationType": "type",
```

```
      "termAssociationCount": 0,
      "displayName": "displayName"
    },
    "sensitivity": "UNKNOWN",
    "sensitivityType": "Computed",
    "sensitivitySetBy": "user defined",
    "evaluatedRegexes": [
      {
        "id": "633b03810cfbac6b55bd92e5",
        "regExTermId": "633b03810cfbac6b55bd9276",
        "regExTermCount": 0,
        "stoppedOnNthMatch": false
      }
    ],
    "storagePolicy": "store policy",
    "storagePolicyDesired": "store policy desired",
    "virtualFolders": {
      "id": "62e845108f2169746f9fc2b7",
      "logicalPath": "Hdfs Raw Dataset",
      "type": "VirtualFolder"
    }
  }
}
```

Parameter	Type	Data Type	Required	Description
dataSourceId	body	string	Y	ID of the datasource
path	body	string	Y	Data Entity for given path
type	body	string	Y	Provide Entity Type
isSampled	body	boolean	N	Data entity is profiled with sampled data
ordinalPosition	body	number	N	Ordinal position
rowCount	body	number	N	Row count
isSupportedDocumentType	body	boolean	N	isSupportedDocumentType
schemaName	body	string	N	Schema name
tableCount	body	number	N	Table count

Parameter	Type	Data Type	Required	Description
description	body	string	N	Note/Description about the data entity
attributes	body	object	N	Attributes list
customProperties	body	array	N	Custom properties of the Data entity
extraAttributes	body	object	N	Extra datasource attributes
documentAttributes	body	object	N	Document Attributes
beAttributes	body	object	N	Backend Attributes
avgUserRating	body	integer	N	Average user rating
bufferLength	body	string	N	Buffer length
charOctetLength	body	string	N	Character octet length
checkClause	body	string	N	Check clause
columnDef	body	string	N	Column definition
columnName	body	string	N	Column name
columnSize	body	string	N	Column size
dataType	body	string	N	Datatype of the column
dbName	body	string	N	Database name
decimalDigits	body	string	N	Decimal digits
extendedAttributes	body	object	N	Extended Attributes
fieldIndex	body	integer	N	Field index of the column
fieldPath	body	string	N	Field path of the column
fieldSeparator	body	string	N	Field separator of the data entity
fileEncoding	body	string	N	File encoding of the data entity
fileFormat	body	string	N	File format of the data entity

Parameter	Type	Data Type	Required	Description
headerExists	body	boolean	N	Flag to identify if header exists
headerRowCount	body	integer	N	Header Row count
indexes	body	array	N	Indexes
isForeignKey	body	boolean	N	ForeignKey or not
isNullable	body	string	N	Nullable or not
isPrimaryKey	body	boolean	N	PrimaryKey or not
isUnique	body	boolean	N	Unique or not
max	body	string	N	Maximum value. Applicable for Column
min	body	string	N	Minimum value. Applicable for Column
nullable	body	string	N	nullable
nullableFlag	body	boolean	N	Nullable flag. Applicable for Column
numPrecRadix	body	string	N	num Prec Redix
ordinalPosition	body	string	N	Ordinal position
primaryKeyColumnNames	body	array	N	Primary key column names
refGeneration	body	string	N	refGeneration
Remarks	body	string	N	Remarks
scopeCatalog	body	string	N	Scope catalog
scopeSchema	body	string	N	Scope schema
scopeTable	body	string	N	Scope table name
selfRefColumnName	body	string	N	Self Ref Column Name
sourceDataType	body	string	N	Source Data Type
sqlDataType	body	string	N	Sql data type

Parameter	Type	Data Type	Required	Description
sqlDateTimeSub	body	string	N	Sqldatetimesub
tableCatalog	body	string	N	Tablecatalog
tableName	body	string	N	Table name
tableSchema	body	string	N	Table schema
tableSerde	body	string	N	Table serde
typeCatalog	body	string	N	Type catalog
typeName	body	string	N	Type name
typeSchema	body	string	N	Type schema
xmlEndTag	body	string	N	XML end tag
xmlRootTag	body	string	N	XML root tag
xmlRowTag	body	string	N	XML row tag
xmlStartTag	body	string	N	XML start tag
isFacetable	body	boolean	N	Flag to make the property facetable
isSearchable	body	boolean	N	Flag to make the property searchable
name	body	string	N	Custom property name
propertyId	body	string	N	Property ID
value	body	string	N	Value of the property
isDefault	body	boolean	N	Flag to identify if the value is the property default value
format	body	string	N	format attributes
title	body	string	N	Title
author	body	string	N	Author
subject	body	string	N	Subject

Parameter	Type	Data Type	Required	Description
keywords	body	array	N	Keywords
created	body	string	N	Created
modified	body	string	N	Modified
application	body	string	N	Application
pdfProducer	body	string	N	Pdfproducer
pdfVersion	body	string	N	Pdf version
documentSize	body	integer	N	Document Size
pageSize	body	string	N	Page size
pageCount	body	integer	N	Page count
id	body	string	N	ID of document attributes
language	body	string	N	Language of the document
activityCount	body	integer	N	Activity count value
activityLevel	body	string	N	Activity level value HIGH/LOW/MEDIUM
allowDiscovery	body	boolean	N	Allow discovery of activity
collectionInfo	body	object	N	Collections information
collectionMember	body	boolean	N	Flag to identify whether this data-entity is a member of a collection
collectionRoot	body	boolean	N	Flag to identify whether this data-entity is a root collection
copyStatus	body	string	N	Copy status of the data entity
executionState	body	string	N	Execution state of the data entity
experts	body	array	N	List of experts
fileTikaType	body	string	N	File type recognised by Tika
importedDescription	body	string	N	Imported description

Parameter	Type	Data Type	Required	Description
inferredExperts	body	string	N	Experts inferred from the virtual folders
labels	body	array	N	List of labels
logFileRegex	body	string	N	Log file regex value
multiLineJson	body	boolean	N	Flag to check if data entity has multi line JSON
owners	body	array	N	List of owners
parquetBinaryToString	body	boolean	N	parquet binary to string
partitionKeys	body	array	N	Partition keys
partitionValues	body	array	N	Partition values
previousLocations	body	array	N	Datatype of the column
readerKeyClass	body	string	N	Sequence file reader key classname
readerValueClass	body	string	N	Sequence file reader value classname
regExCount	body	integer	N	regex count
resourceCharsetName	body	string	N	Charset name
resourceLp	body	object	N	Resource LP information
resourceOrigin	body	string	N	Resource origin
resourceState	body	object	N	State of the data entity. Default value is "AVAILABLE"
richDescriptionIds	body	array	N	Datatype of the column
businessRules	body	array	N	List of assigned business rules
sampledRow	body	integer	N	Sampled row
semantic	body	string	N	Semantic for data entity
businessTerms	body	array	N	Business terms

Parameter	Type	Data Type	Required	Description
containsBusinessTerms	body	array	N	Contains business terms
sensitivity	body	string	N	Sensitivity of the data-entity
sensitivityType	body	string	N	Sensitivity type of the data-entity
sensitivitySetBy	body	string	N	Sensitivity set by
sensitivityCount	body	array	N	Saves the count of sensitivity for each type that is associated with the data entity
evaluatedRegexes	body	array	N	Evaluated Regular Expression attributes
storagePolicy	body	string	N	Storage policy of the data entity
storagePolicyDesired	body	string	N	Storage policy desired of the data entity
virtualFolders	body	object	N	List of Virtual folders
index	body	integer	N	Index
length	body	integer	N	Length
reference	body	string	N	Reference
type	body	string	N	Type
id	body	string	N	Unique ID of the evaluated regex
regExTermId	body	string	N	Terms ID
regExTermCount	body	integer	N	Regex term count
stoppedOnNthMatch	body	boolean	N	Stopped on nth match
id	body	string	N	Virtual Folders ID
logicalPath	body	string	N	Logical path of the virtual folder
type	body	string	N	Type

Sample Response

201 Data Entity Created

204 No Content

Delete data entities

Delete existing data entities.

DELETE https://localhost/api/v1/dataentities/{id}

Sample Request

curl -v -X DELETE "https://localhost/api/v1/dataentities/sample-id"

Parameter	Type	Data Type	Required	Description
id	path	string	Y	ID of the data entity

Sample Response

200 DataEntity Successfully deleted

204 No Content

Fetch Data Entities

Fetch the data entities for the provided filters. It also supports pagination, sorting and search to refine the search results.

POST https://localhost/api/v1/dataentities/search

Sample Request

curl -v -X POST "https://localhost/api/v1/dataentities/search" -d '{"filters": {}, "page": {"index": 0, "size": 25}, "sort": {"columns": {"name": "_id", "direction": "DESC"}}}'

```
{
   "filters": {},
   "page": {
      "index": 0,
      "size": 25
   },
   "sort": {
      "columns": {
         "name": "_id",
         "direction": "DESC"
      }
   }
}
```

Parameter	Type	Data Type	Required	Description
filters	body	object	N	Filters to apply during the search operation
page	body	object	N	Pagination details
sort	body	object	N	Sorting details
index	body	integer	N	Index of the page that you want to retrieve
size	body	integer	N	Number of records per page
columns	body	array	N	List of sortable columns

Sample Response

200 Paginated response

```
{
   "totalCount": 60,
   "list": [
      {
         "id": "633afcaa0b8763c2cea161d8",
         "timeOfCreation": "2022-03-10T16:15:50Z",
         "timeOfLastChange": "2022-03-10T16:15:50Z",
         "name": "file.csv",
         "type": "File",
         "logicalPath": "1/hitachi_gosales/product_line",
         "parentId": "633ad4b9a35b7c6b34db3a07",
         "description": "short description",
         "dataSourceId": "633ad4b9a35b7c6b34db3a07",
         "path": "/demo/folder/file.csv",
         "parentPath": "/demo/folder",
         "attributes": {
            "avgUserRating": 0,
            "bufferLength": "0",
            "charOctetLength": "0",
            "checkClause": "clause",
            "columnDef": "column def",
            "columnName": "column name",
            "columnSize": "10",
            "dataType": "string",
            "dbName": "databaseName",
```

```
"decimalDigits": "decimalDigits",
"fieldIndex": 0,
"fieldPath": "string",
"fieldSeparator": "/",
"fileEncoding": "UTF-8",
"fileFormat": "application/json",
"headerExists": true,
"headerRowCount": 0,
"indexes": {
   "id": "633b03810cfbac6b55bd92e5",
   "indexType": "indexType",
   "isNonUnique": false,
   "name": "name"
},
"isForeignKey": false,
"isNullable": "false",
"isPrimaryKey": true,
"isUnique": false,
"max": "0",
"min": "0",
"nullable": "0",
"nullableFlag": false,
"numPrecRadix": "0",
"ordinalPosition": "0",
"primaryKeyColumnNames": [],
"refGeneration": "refGeneration",
"Remarks": "Remarks",
"scopeCatalog": "scopeCatalog",
"scopeSchema": "scopeSchema",
"scopeTable": "scopeTable",
"selfRefColumnName": "selfRefColumnName",
"sourceDataType": "selfRefColumnName",
"sqlDataType": "varchar",
"sqlDateTimeSub": "sqlDateTimeSub",
"tableCatalog": "catalog",
"tableName": "tableName",
"tableSchema": "schema",
"tableSerde": "tableSerde",
"typeCatalog": "typeCatalog",
"typeName": "typeName",
"typeSchema": "typeSchema",
"xmlEndTag": "end tag",
"xmlRootTag": "root tag",
```

```
      "xmlRowTag": "row tag",
      "xmlStartTag": "tag start"
    },
    "beAttributes": {
      "activityCount": 0,
      "activityLevel": "LOW",
      "allowDiscovery": true,
      "collectionMember": false,
      "collectionRoot": false,
      "copyStatus": "Unknown",
      "executionState": "executionState",
      "experts": [],
      "fileTikaType": "fileTikaType",
      "importedDescription": "importedDescription",
      "inferredExperts": "inferredExperts",
      "labels": [],
      "logFileRegex": "logFileRegex",
      "multiLineJson": false,
      "owners": [],
      "parquetBinaryToString": false,
      "partitionKeys": [],
      "partitionValues": [],
      "previousLocations": [],
      "readerKeyClass": "readerKeyClass",
      "readerValueClass": "readerValueClass",
      "regExCount": 0,
      "resourceCharsetName": "resourceCharsetName",
      "resourceLp": {
        "index": 19,
        "length": 1028,
        "reference": "resource_lp/1342441",
        "type": "resource_lp"
      },
      "resourceOrigin": "633b03810cfbac6b55bd92e5",
      "richDescriptionIds": [],
      "businessRules": [],
      "sampledRow": 0,
      "semantic": "semantic",
      "businessTerms": {
        "termAssociationId": "633b03810cfbac6b55bd92e5",
        "termLogicalPath": "/logicalPath/terms",
        "methodType": "Manual",
        "termAcceptance": "Manual",
```

```
        "termAssociationSemantic": "Sample",
        "termAssociationState": "SUGGESTED",
        "termId": "633b03810cfbac6b55bd92e5",
        "glossaryId": "607567590ced4472ab23be73",
        "termAssociationWeight": "0",
        "termAssociationType": "type",
        "termAssociationCount": 0,
        "displayName": "displayName"
     },
     "containsBusinessTerms": {
        "termAssociationId": "633b03810cfbac6b55bd92e5",
        "termLogicalPath": "/logicalPath/terms",
        "methodType": "Manual",
        "termAcceptance": "Manual",
        "termAssociationSemantic": "Sample",
        "termAssociationState": "SUGGESTED",
        "termId": "633b03810cfbac6b55bd92e5",
        "glossaryId": "607567590ced4472ab23be73",
        "termAssociationWeight": "0",
        "termAssociationType": "type",
        "termAssociationCount": 0,
        "displayName": "displayName"
     },
     "sensitivity": "UNKNOWN",
     "sensitivityType": "Computed",
     "sensitivitySetBy": "user defined",
     "evaluatedRegexes": [
        {
           "id": "633b03810cfbac6b55bd92e5",
           "regExTermId": "633b03810cfbac6b55bd9276",
           "regExTermCount": 0,
           "stoppedOnNthMatch": false
        }
     ],
     "storagePolicy": "store policy",
     "storagePolicyDesired": "store policy desired",
     "virtualFolders": {
        "id": "62e845108f2169746f9fc2b7",
        "logicalPath": "Hdfs Raw Dataset",
        "type": "VirtualFolder"
     }
  },
  "columnsCount": 0,
```

```
"customProperties": [
  {
     "isFacetable": false,
     "isSearchable": false,
     "name": "property name",
     "propertyId": "633b03810cfbac6b55bd92e5",
     "value": "custom value",
     "isDefault": false
  }
],
"dataVersion": 0,
"displayName": "display name",
"extraAttributes": {},
"isSampled": false,
"ordinalPosition": 0,
"rowCount": 1,
"schemaChecksum": "234556",
"schemaName": "Schema Name",
"statistics": {
  "avgValue": "average value",
  "avgWidth": 0,
  "blankCount": 0,
  "cardinality": 0,
  "commentCount": 0,
  "dateTimeCount": 0,
  "density": 0,
  "fieldCount": 0,
  "hll": 0,
  "lastUpdate": 0,
  "max": "100",
  "maxWidth": 0,
  "min": "0",
  "minWidth": 0,
  "nullCount": 0,
  "numberCount": 0,
  "partitionCount": 0,
  "qualityValue": 0,
  "resourceSize": 0,
  "rowCount": 0,
  "selectivity": 0,
  "stringCount": 0,
  "tableCount": 0,
  "topicCount": 0,
```

```
          "valueCount": 0,
          "qualityDimensionValues": [
            {
              "dimensionId": "62e845108f2169746f9fc6a2",
              "qualityLevel": "low",
              "qualityValue": 0
            }
          ]
        },
        "documentAttributes": {
          "format": "PDF",
          "title": "title",
          "author": "author",
          "subject": "subject",
          "keywords": [],
          "created": "2022-03-10T16:15:50Z",
          "modified": "2022-03-10T16:15:50Z",
          "application": "application",
          "pdfProducer": "pdfProducer",
          "pdfVersion": "1",
          "documentSize": 0,
          "pageSize": "10",
          "pageCount": 0,
          "id": "633b03810cfbac6b55bd92e1",
          "language": "en"
        },
        "virtualFolders": {
          "id": "62e845108f2169746f9fc2b7",
          "logicalPath": "Hdfs Raw Dataset",
          "type": "VirtualFolder"
        }
      }
    ],
    "sortableFields": [
      "id"
    ],
    "currentPage": 1,
    "totalPages": 6
}
```

Parameter	Data Type	Description
totalCount	integer	The total number of results found in the request.
list	array	Data Entities list
sortableFields	array	The list of fields using which the data in the list is sorted
currentPage	integer	Index of the currentPage
totalPages	integer	Total number of pages available for the filter

Get data entity by ID

Fetch an existing data entity for the provided ID.

GET https://localhost/api/v1/dataentities/{id}

Sample Request

curl -v -X GET "https://localhost/api/v1/dataentities/sample-id"

Parameter	Type	Data Type	Required	Description
id	path	string	Y	ID of the data entity

Sample Response

200 Data entity fetched by ID

```
{
   "id": "633afcaa0b8763c2cea161d8",
   "timeOfCreation": "2022-03-10T16:15:50Z",
   "timeOfLastChange": "2022-03-10T16:15:50Z",
   "name": "file.csv",
   "type": "File",
   "logicalPath": "1/hitachi_gosales/product_line",
   "parentId": "633ad4b9a35b7c6b34db3a07",
   "description": "short description",
   "dataSourceId": "633ad4b9a35b7c6b34db3a07",
   "path": "/demo/folder/file.csv",
   "parentPath": "/demo/folder",
   "attributes": {
      "avgUserRating": 0,
```

```
"bufferLength": "0",
"charOctetLength": "0",
"checkClause": "clause",
"columnDef": "column def",
"columnName": "column name",
"columnSize": "10",
"dataType": "string",
"dbName": "databaseName",
"decimalDigits": "decimalDigits",
"fieldIndex": 0,
"fieldPath": "string",
"fieldSeparator": "/",
"fileEncoding": "UTF-8",
"fileFormat": "application/json",
"headerExists": true,
"headerRowCount": 0,
"indexes": {
   "id": "633b03810cfbac6b55bd92e5",
   "indexType": "indexType",
   "isNonUnique": false,
   "name": "name"
},
"isForeignKey": false,
"isNullable": "false",
"isPrimaryKey": true,
"isUnique": false,
"max": "0",
"min": "0",
"nullable": "0",
"nullableFlag": false,
"numPrecRadix": "0",
"ordinalPosition": "0",
"primaryKeyColumnNames": [],
"refGeneration": "refGeneration",
"Remarks": "Remarks",
"scopeCatalog": "scopeCatalog",
"scopeSchema": "scopeSchema",
"scopeTable": "scopeTable",
"selfRefColumnName": "selfRefColumnName",
"sourceDataType": "selfRefColumnName",
"sqlDataType": "varchar",
"sqlDateTimeSub": "sqlDateTimeSub",
```

```json
      "tableCatalog": "catalog",
      "tableName": "tableName",
      "tableSchema": "schema",
      "tableSerde": "tableSerde",
      "typeCatalog": "typeCatalog",
      "typeName": "typeName",
      "typeSchema": "typeSchema",
      "xmlEndTag": "end tag",
      "xmlRootTag": "root tag",
      "xmlRowTag": "row tag",
      "xmlStartTag": "tag start"
    },
    "beAttributes": {
      "activityCount": 0,
      "activityLevel": "LOW",
      "allowDiscovery": true,
      "collectionMember": false,
      "collectionRoot": false,
      "copyStatus": "Unknown",
      "executionState": "executionState",
      "experts": [],
      "fileTikaType": "fileTikaType",
      "importedDescription": "importedDescription",
      "inferredExperts": "inferredExperts",
      "labels": [],
      "logFileRegex": "logFileRegex",
      "multiLineJson": false,
      "owners": [],
      "parquetBinaryToString": false,
      "partitionKeys": [],
      "partitionValues": [],
      "previousLocations": [],
      "readerKeyClass": "readerKeyClass",
      "readerValueClass": "readerValueClass",
      "regExCount": 0,
      "resourceCharsetName": "resourceCharsetName",
      "resourceLp": {
        "index": 19,
        "length": 1028,
        "reference": "resource_lp/1342441",
        "type": "resource_lp"
      },
```

```
"resourceOrigin": "633b03810cfbac6b55bd92e5",
"richDescriptionIds": [],
"businessRules": [],
"sampledRow": 0,
"semantic": "semantic",
"businessTerms": {
  "termAssociationId": "633b03810cfbac6b55bd92e5",
  "termLogicalPath": "/logicalPath/terms",
  "methodType": "Manual",
  "termAcceptance": "Manual",
  "termAssociationSemantic": "Sample",
  "termAssociationState": "SUGGESTED",
  "termId": "633b03810cfbac6b55bd92e5",
  "glossaryId": "607567590ced4472ab23be73",
  "termAssociationWeight": "0",
  "termAssociationType": "type",
  "termAssociationCount": 0,
  "displayName": "displayName"
},
"containsBusinessTerms": {
  "termAssociationId": "633b03810cfbac6b55bd92e5",
  "termLogicalPath": "/logicalPath/terms",
  "methodType": "Manual",
  "termAcceptance": "Manual",
  "termAssociationSemantic": "Sample",
  "termAssociationState": "SUGGESTED",
  "termId": "633b03810cfbac6b55bd92e5",
  "glossaryId": "607567590ced4472ab23be73",
  "termAssociationWeight": "0",
  "termAssociationType": "type",
  "termAssociationCount": 0,
  "displayName": "displayName"
},
"sensitivity": "UNKNOWN",
"sensitivityType": "Computed",
"sensitivitySetBy": "user defined",
"evaluatedRegexes": [
  {
    "id": "633b03810cfbac6b55bd92e5",
    "regExTermId": "633b03810cfbac6b55bd9276",
    "regExTermCount": 0,
    "stoppedOnNthMatch": false
```

```
      }
    ],
    "storagePolicy": "store policy",
    "storagePolicyDesired": "store policy desired",
    "virtualFolders": {
       "id": "62e845108f2169746f9fc2b7",
       "logicalPath": "Hdfs Raw Dataset",
       "type": "VirtualFolder"
    }
  },
  "columnsCount": 0,
  "customProperties": [
    {
       "isFacetable": false,
       "isSearchable": false,
       "name": "property name",
       "propertyId": "633b03810cfbac6b55bd92e5",
       "value": "custom value",
       "isDefault": false
    }
  ],
  "dataVersion": 0,
  "displayName": "display name",
  "extraAttributes": {},
  "isSampled": false,
  "ordinalPosition": 0,
  "rowCount": 1,
  "schemaChecksum": "234556",
  "schemaName": "Schema Name",
  "statistics": {},
  "tableCount": 5,
  "documentAttributes": {
    "format": "PDF",
    "title": "title",
    "author": "author",
    "subject": "subject",
    "keywords": [],
    "created": "2022-03-10T16:15:50Z",
    "modified": "2022-03-10T16:15:50Z",
    "application": "application",
    "pdfProducer": "pdfProducer",
    "pdfVersion": "1",
```

```
    "documentSize": 0,
    "pageSize": "10",
    "pageCount": 0,
    "id": "633b03810cfbac6b55bd92e1",
    "language": "en"
  },
  "virtualFolders": {
    "id": "62e845108f2169746f9fc2b7",
    "logicalPath": "Hdfs Raw Dataset",
    "type": "VirtualFolder"
  }
}
```

Parameter	Data Type	Description
id	string	Identifier of an entity
timeOfCreation	string	Time of creation for the entity
timeOfLastChange	string	Time of last modification for the entity
name	string	Name of file
type	string	Type of the DataEntity
logicalPath	string	Logical path
parentId	string	Parent ID Object of this DataEntity
description	string	Note or Short description about the asset
dataSourceId	string	Datasource Object ID of this DataEntity
path	string	Info about path
parentPath	string	Info about parent path
attributes	object	Attributes list
beAttributes	object	Backend Attributes
columnsCount	integer	Number of Columns
customProperties	array	Custom Properties
dataVersion	integer	Version

Parameter	Data Type	Description
displayName	string	Display Name
extraAttributes	object	Extra Attributes
isSampled	boolean	Is Sampled?
ordinalPosition	integer	Ordinal Position
rowCount	integer	Number of Rows
schemaChecksum	string	Check Sum
schemaName	string	Schema Name
statistics	object	Statistic
tableCount	number	Number of Tables count
documentAttributes	object	Document Attributes
virtualFolders	object	List of Virtual folders

Parameter	Data Type	Description
avgUserRating	integer	Average user rating
bufferLength	string	Buffer length
charOctetLength	string	Character octet length
checkClause	string	Check clause
columnDef	string	Column definition
columnName	string	Column name
columnSize	string	Column size
dataType	string	Datatype of the column
dbName	string	Database name
decimalDigits	string	Decimal digits

Parameter	Data Type	Description
extendedAttributes	object	Extended Attributes
fieldIndex	integer	Field index of the column
fieldPath	string	Field path of the column
fieldSeparator	string	Field separator of the data entity
fileEncoding	string	File encoding of the data entity
fileFormat	string	File format of the data entity
headerExists	boolean	Flag to identify if header exists
headerRowCount	integer	Header Row count
indexes	array	Indexes
isForeignKey	boolean	ForeignKey or not
isNullable	string	Nullable or not
isPrimaryKey	boolean	PrimaryKey or not
isUnique	boolean	Unique or not
max	string	Maximum value. Applicable for Column
min	string	Minimum value. Applicable for Column
nullable	string	nullable
nullableFlag	boolean	Nullable flag. Applicable for Column
numPrecRadix	string	num Prec Redix
ordinalPosition	string	Ordinal position
primaryKeyColumnNames	array	Primary key column names
refGeneration	string	refGeneration
Remarks	string	Remarks
scopeCatalog	string	Scope catalog

Parameter	Data Type	Description
scopeSchema	string	Scope schema
scopeTable	string	Scope table name
selfRefColumnName	string	Self Ref Column Name
sourceDataType	string	Source Data Type
sqlDataType	string	Sql data type
sqlDateTimeSub	string	Sqldatetimesub
tableCatalog	string	Tablecatalog
tableName	string	Table name
tableSchema	string	Table schema
tableSerde	string	Table serde
typeCatalog	string	Type catalog
typeName	string	Type name
typeSchema	string	type schema
xmlEndTag	string	XML end tag
xmlRootTag	string	XML root tag
xmlRowTag	string	XML row tag
xmlStartTag	string	XML start tag

Parameter	Data Type	Description
activityCount	integer	Activity count value
activityLevel	string	Activity level value HIGH/LOW/MEDIUM
allowDiscovery	boolean	Allow discovery of activity
collectionInfo	object	Collections information

Parameter	Data Type	Description
collectionMember	boolean	Flag to identify whether this data-entity is a member of a collection
collectionRoot	boolean	Flag to identify whether this data-entity is a root collection
copyStatus	string	Copy status of the data entity
executionState	string	Execution state of the data entity
experts	array	List of experts
fileTikaType	string	File type recognised by Tika
importedDescription	string	Imported description
inferredExperts	string	Experts inferred from the virtual folders
labels	array	List of labels
logFileRegex	string	Log file regex value
multiLineJson	boolean	Flag to check if data entity has multi line JSON
owners	array	List of owners
parquetBinaryToString	boolean	Parquet binary to string
partitionKeys	array	Partition keys
partitionValues	array	Partition values
previousLocations	array	Datatype of the column
readerKeyClass	string	Sequence file reader key classname
readerValueClass	string	Sequence file reader value classname
regExCount	integer	Regex count
resourceCharsetName	string	Charset name
resourceLp	object	Resource LP information
resourceOrigin	string	Resource origin
resourceState	object	State of the data entity. Default value is "AVAILABLE"

Parameter	Data Type	Description
richDescriptionIds	array	Datatype of the column
businessRules	array	List of assigned business rules
sampledRow	integer	Sampled row
semantic	string	Semantic for data entity
businessTerms	array	Business terms
containsBusinessTerms	array	Contains business terms
sensitivity	string	Sensitivity of the data-entity
sensitivityType	string	Sensitivity type of the data-entity
sensitivitySetBy	string	Sensitivity set by
sensitivityCount	array	Saves the count of sensitivity for each type that is associated with the data entity
evaluatedRegexes	array	Evaluated Regular Expression attributes
storagePolicy	string	Storage policy of the data entity
storagePolicyDesired	string	Storage policy desired of the data entity
virtualFolders	object	List of Virtual folders

Parameter	Data Type	Description
format	string	format attributes
title	string	title
author	string	author
subject	string	subject
keywords	array	keywords
created	string	created
modified	string	modified

Parameter	Data Type	Description
application	string	application
pdfProducer	string	pdfProducer
pdfVersion	string	pdf version
documentSize	integer	document Size
pageSize	string	page size
pageCount	integer	page count
id	string	ID of document attributes
language	string	language of the document

Parameter	Data Type	Description
id	string	Virtual Folders ID
logicalPath	string	Logical path of the virtual folder
type	string	Type

index	integer	index
length	integer	length
reference	string	reference
type	string	type

Parameter	Data Type	Description
id	string	unique ID of the evaluated regex
regExTermId	string	terms ID
regExTermCount	integer	regex term count

Parameter	Data Type	Description
stoppedOnNthMatch	boolean	stopped on nth match

Parameter	Data Type	Description
id	string	Virtual Folders ID
logicalPath	string	Logical path of the virtual folder
type	string	Type

Get resource profile status details by ID

Fetch the data profile with the provided ID.

GET https://localhost/api/v1/dataentities/{id}/profile

Sample Request

curl -v -X GET "https://localhost/api/v1/dataentities/sample-id/profile"

Parameter	Type	Data Type	Required	Description
id	path	string	Y	ID of the data profile

Sample Response

200 Data entity profile status and entity stats fetched by ID

```
{
    "id": "633afcaa0b8763c2cea161d8",
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z",
    "attributes": "",
    "dataSourceId": "634d0ec0814f3e3a8de20b9c",
    "dataVersion": 25,
    "extraAttributes": {},
    "parentId": "634d0ec0814f3e3a8de20b12",
    "statistics": {},
    "type": "Column"
}
```

Parameter	Data Type	Description
id	string	Identifier of an entity
timeOfCreation	string	Time of creation for the entity
timeOfLastChange	string	Time of last modification for the entity
attributes	object	Attributes list
dataSourceId	string	Datasource ID
dataVersion	integer	Version of data
extraAttributes	object	Extra Attributes
parentId	string	ID of the parent object
statistics	object	Statistics
type	string	Type of the DataProfile

Initiate import job

Initiate import job and return JobExecutionResponse object which includes response message and jobId.

POST https://localhost/api/v1/dataentities/import

Sample Request

curl -v -X POST "https://localhost/api/v1/dataentities/import" -F '"overwrite=@sample-file.txt;text/plain"'

Parameter	Type	Data Type	Required	Description
file	body	string	Y	Input file to be uploaded
overwrite	body	boolean	Y	Overwrite flag to inform the server to overwrite the record if it exists

Sample Response

202 Job submission response

```
{
    "templateKey": "633acc8855c17b0b531082f5",
    "jobInstanceKey": "633acc95c16bd1274f774f2f",
    "status": "SUCCESS",
    "message": "Successfully triggered the job"
}
```

Parameter	Data Type	Description
templateKey	string	Template ID using which the job is triggered
jobInstanceKey	string	Triggered job ID
status	string	Job execution status
message	string	Message

Update data entities in bulk

Update existing data entities with given details in bulk.

PUT https://localhost/api/v1/dataentities/bulk

Sample Request

curl -v -X PUT "https://localhost/api/v1/dataentities/bulk" -d '[{"id": "6315d3bded5eac337b6061a5", "isSampled": false, "ordinalPosition": 0, "rowCount": 0, "isSupportedDocumentType": true, "schemaName": "schemaName", "tableCount": 0, "description": "A short description", "attributes": {"avgUserRating": 0, "bufferLength": "0", "charOctetLength": "0", "checkClause": "clause", "columnDef": "column def", "columnName": "column name", "columnSize": "10", "dataType": "string", "dbName": "databaseName", "decimalDigits": "decimalDigits", "fieldIndex": 0, "fieldPath": "string", "fieldSeparator": "/", "fileEncoding": "UTF-8", "fileFormat": "application/json", "headerExists": true, "headerRowCount": 0, "indexes": {"id": "633b03810cfbac6b55bd92e5", "indexType": "indexType", "isNonUnique": false, "name": "name"}, "isForeignKey": false, "isNullable": "false", "isPrimaryKey": true, "isUnique": false, "max": "0", "min": "0", "nullable": "0", "nullableFlag": false, "numPrecRadix": "0", "ordinalPosition": "0", "primaryKeyColumnNames": [], "refGeneration": "refGeneration", "Remarks": "Remarks", "scopeCatalog": "scopeCatalog", "scopeSchema": "scopeSchema", "scopeTable": "scopeTable", "selfRefColumnName": "selfRefColumnName", "sourceDataType": "selfRefColumnName", "sqlDataType": "varchar", "sqlDateTimeSub": "sqlDateTimeSub", "tableCatalog": "catalog", "tableName": "tableName", "tableSchema": "schema", "tableSerde": "tableSerde", "typeCatalog": "typeCatalog", "typeName": "typeName", "typeSchema": "typeSchema", "xmlEndTag": "end tag",

"xmlRootTag": "root tag", "xmlRowTag": "row tag", "xmlStartTag": "tag start"}, "customProperties":
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"store policy", "storagePolicyDesired": "store policy desired", "virtualFolders": {"id":
"62e845108f2169746f9fc2b7", "logicalPath": "Hdfs Raw Dataset", "type": "VirtualFolder"}}}]'

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  {
    "id": "6315d3bded5eac337b6061a5",
    "isSampled": false,
    "ordinalPosition": 0,
    "rowCount": 0,
    "isSupportedDocumentType": true,
    "schemaName": "schemaName",
    "tableCount": 0,
    "description": "A short description",

```
"attributes": {
  "avgUserRating": 0,
  "bufferLength": "0",
  "charOctetLength": "0",
  "checkClause": "clause",
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  "columnName": "column name",
  "columnSize": "10",
  "dataType": "string",
  "dbName": "databaseName",
  "decimalDigits": "decimalDigits",
  "fieldIndex": 0,
  "fieldPath": "string",
  "fieldSeparator": "/",
  "fileEncoding": "UTF-8",
  "fileFormat": "application/json",
  "headerExists": true,
  "headerRowCount": 0,
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  },
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  "isPrimaryKey": true,
  "isUnique": false,
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  "nullableFlag": false,
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  "ordinalPosition": "0",
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  "Remarks": "Remarks",
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  "scopeSchema": "scopeSchema",
  "scopeTable": "scopeTable",
  "selfRefColumnName": "selfRefColumnName",
  "sourceDataType": "selfRefColumnName",
```

```
        "sqlDataType": "varchar",
        "sqlDateTimeSub": "sqlDateTimeSub",
        "tableCatalog": "catalog",
        "tableName": "tableName",
        "tableSchema": "schema",
        "tableSerde": "tableSerde",
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        "typeSchema": "typeSchema",
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        "xmlRootTag": "root tag",
        "xmlRowTag": "row tag",
        "xmlStartTag": "tag start"
    },
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            "isSearchable": false,
            "name": "property name",
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            "value": "custom value",
            "isDefault": false
        }
    ],
    "extraAttributes": {},
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        "author": "author",
        "subject": "subject",
        "keywords": [],
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        "application": "application",
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        "pdfVersion": "1",
        "documentSize": 0,
        "pageSize": "10",
        "pageCount": 0,
        "id": "633b03810cfbac6b55bd92e1",
        "language": "en"
    },
```

```json
"beAttributes": {
  "activityCount": 0,
  "activityLevel": "LOW",
  "allowDiscovery": true,
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  "collectionRoot": false,
  "copyStatus": "Unknown",
  "executionState": "executionState",
  "experts": [],
  "fileTikaType": "fileTikaType",
  "importedDescription": "importedDescription",
  "inferredExperts": "inferredExperts",
  "labels": [],
  "logFileRegex": "logFileRegex",
  "multiLineJson": false,
  "owners": [],
  "parquetBinaryToString": false,
  "partitionKeys": [],
  "partitionValues": [],
  "previousLocations": [],
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  "readerValueClass": "readerValueClass",
  "regExCount": 0,
  "resourceCharsetName": "resourceCharsetName",
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    "length": 1028,
    "reference": "resource_lp/1342441",
    "type": "resource_lp"
  },
  "resourceOrigin": "633b03810cfbac6b55bd92e5",
  "richDescriptionIds": [],
  "businessRules": [],
  "sampledRow": 0,
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    "methodType": "Manual",
    "termAcceptance": "Manual",
    "termAssociationSemantic": "Sample",
    "termAssociationState": "SUGGESTED",
```

```
      "termId": "633b03810cfbac6b55bd92e5",
      "glossaryId": "607567590ced4472ab23be73",
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      "termLogicalPath": "/logicalPath/terms",
      "methodType": "Manual",
      "termAcceptance": "Manual",
      "termAssociationSemantic": "Sample",
      "termAssociationState": "SUGGESTED",
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      "glossaryId": "607567590ced4472ab23be73",
      "termAssociationWeight": "0",
      "termAssociationType": "type",
      "termAssociationCount": 0,
      "displayName": "displayName"
    },
    "sensitivity": "UNKNOWN",
    "sensitivityType": "Computed",
    "sensitivitySetBy": "user defined",
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        "regExTermId": "633b03810cfbac6b55bd9276",
        "regExTermCount": 0,
        "stoppedOnNthMatch": false
      }
    ],
    "storagePolicy": "store policy",
    "storagePolicyDesired": "store policy desired",
    "virtualFolders": {
      "id": "62e845108f2169746f9fc2b7",
      "logicalPath": "Hdfs Raw Dataset",
      "type": "VirtualFolder"
    }
  }
 }
]
```

Parameter	Type	Data Type	Required	Description
id	body	string	N	ID of the data entity
isSampled	body	boolean	N	Data entity is profiled with sampled data
ordinalPosition	body	number	N	Ordinal position
rowCount	body	number	N	Row count
isSupportedDocumentType	body	boolean	N	isSupportedDocumentType
schemaName	body	string	N	Schema name
tableCount	body	number	N	Table count
description	body	string	N	Note/Description about the data entity
attributes	body	object	N	Attributes list
customProperties	body	array	N	Custom properties of the Data entity
extraAttributes	body	object	N	Extra datasource attributes
documentAttributes	body	object	N	Document Attributes
beAttributes	body	object	N	Backend Attributes
avgUserRating	body	integer	N	Average user rating
bufferLength	body	string	N	Buffer length
charOctetLength	body	string	N	Character octet length
checkClause	body	string	N	Check clause
columnDef	body	string	N	Column definition
columnName	body	string	N	Column name
columnSize	body	string	N	Column size
dataType	body	string	N	Datatype of the column
dbName	body	string	N	Database name

Parameter	Type	Data Type	Required	Description
decimalDigits	body	string	N	Decimal digits
extendedAttributes	body	object	N	Extended Attributes
fieldIndex	body	integer	N	Field index of the column
fieldPath	body	string	N	Field path of the column
fieldSeparator	body	string	N	Field separator of the data entity
fileEncoding	body	string	N	File encoding of the data entity
fileFormat	body	string	N	File format of the data entity
headerExists	body	boolean	N	Flag to identify if header exists
headerRowCount	body	integer	N	Header Row count
indexes	body	array	N	Indexes
isForeignKey	body	boolean	N	ForeignKey or not
isNullable	body	string	N	Nullable or not
isPrimaryKey	body	boolean	N	PrimaryKey or not
isUnique	body	boolean	N	Unique or not
max	body	string	N	Maximum value. Applicable for Column
min	body	string	N	Minimum value. Applicable for Column
nullable	body	string	N	nullable
nullableFlag	body	boolean	N	Nullable flag. Applicable for Column
numPrecRadix	body	string	N	num Prec Redix
ordinalPosition	body	string	N	Ordinal position
primaryKeyColumnNames	body	array	N	Primary key column names
refGeneration	body	string	N	refGeneration

Parameter	Type	Data Type	Required	Description
Remarks	body	string	N	Remarks
scopeCatalog	body	string	N	Scope catalog
scopeSchema	body	string	N	Scope schema
scopeTable	body	string	N	Scope table name
selfRefColumnName	body	string	N	Self Ref Column Name
sourceDataType	body	string	N	Source Data Type
sqlDataType	body	string	N	Sql data type
sqlDateTimeSub	body	string	N	Sqldatetimesub
tableCatalog	body	string	N	Tablecatalog
tableName	body	string	N	Table name
tableSchema	body	string	N	Table schema
tableSerde	body	string	N	Table serde
typeCatalog	body	string	N	Type catalog
typeName	body	string	N	Type name
typeSchema	body	string	N	Type schema
xmlEndTag	body	string	N	XML end tag
xmlRootTag	body	string	N	XML root tag
xmlRowTag	body	string	N	XML row tag
xmlStartTag	body	string	N	XML start tag
isFacetable	body	boolean	N	Flag to make the property facetable
isSearchable	body	boolean	N	Flag to make the property searchable
name	body	string	N	Custom property name
propertyId	body	string	N	Property ID

Parameter	Type	Data Type	Required	Description
value	body	string	N	Value of the property
isDefault	body	boolean	N	Flag to identify if the value is the property default value
format	body	string	N	Format attributes
title	body	string	N	Title
author	body	string	N	Author
subject	body	string	N	Subject
keywords	body	array	N	Keywords
created	body	string	N	Created
modified	body	string	N	Modified
application	body	string	N	Application
pdfProducer	body	string	N	Pdfproducer
pdfVersion	body	string	N	Pdf version
documentSize	body	integer	N	Document Size
pageSize	body	string	N	Page size
pageCount	body	integer	N	Page count
id	body	string	N	ID of document attributes
language	body	string	N	Language of the document
activityCount	body	integer	N	Activity count value
activityLevel	body	string	N	Activity level value HIGH/LOW/MEDIUM
allowDiscovery	body	boolean	N	Allow discovery of activity
collectionInfo	body	object	N	Collections information
collectionMember	body	boolean	N	Flag to identify whether this data-entity is a member of a collection

Parameter	Type	Data Type	Required	Description
collectionRoot	body	boolean	N	Flag to identify whether this data-entity is a root collection
copyStatus	body	string	N	Copy status of the data entity
executionState	body	string	N	Execution state of the data entity
experts	body	array	N	List of experts
fileTikaType	body	string	N	File type recognised by Tika
importedDescription	body	string	N	Imported description
inferredExperts	body	string	N	Experts inferred from the virtual folders
labels	body	array	N	List of labels
logFileRegex	body	string	N	Log file regex value
multiLineJson	body	boolean	N	Flag to check if data entity has multi line JSON
owners	body	array	N	List of owners
parquetBinaryToString	body	boolean	N	parquet binary to string
partitionKeys	body	array	N	Partition keys
partitionValues	body	array	N	Partition values
previousLocations	body	array	N	Datatype of the column
readerKeyClass	body	string	N	Sequence file reader key classname
readerValueClass	body	string	N	Sequence file reader value classname
regExCount	body	integer	N	Regex count
resourceCharsetName	body	string	N	Charset name
resourceLp	body	object	N	Resource LP information
resourceOrigin	body	string	N	Resource origin

Parameter	Type	Data Type	Required	Description
resourceState	body	object	N	State of the data entity. Default value is "AVAILABLE"
richDescriptionIds	body	array	N	Datatype of the column
businessRules	body	array	N	List of assigned business rules
sampledRow	body	integer	N	Sampled row
semantic	body	string	N	Semantic for data entity
businessTerms	body	array	N	Business terms
containsBusinessTerms	body	array	N	Contains business terms
sensitivity	body	string	N	Sensitivity of the data-entity
sensitivityType	body	string	N	Sensitivity type of the data-entity
sensitivitySetBy	body	string	N	Sensitivity set by
sensitivityCount	body	array	N	Saves the count of sensitivity for each type that is associated with the data entity
evaluatedRegexes	body	array	N	Evaluated Regular Expression attributes
storagePolicy	body	string	N	Storage policy of the data entity
storagePolicyDesired	body	string	N	Storage policy desired of the data entity
virtualFolders	body	object	N	List of Virtual folders
index	body	integer	N	index
length	body	integer	N	Length
reference	body	string	N	Reference
type	body	string	N	Type
id	body	string	N	Unique ID of the evaluated regex

Parameter	Type	Data Type	Required	Description
regExTermId	body	string	N	Terms ID
regExTermCount	body	integer	N	Regex term count
stoppedOnNthMatch	body	boolean	N	Stopped on nth match
id	body	string	N	Virtual Folders ID
logicalPath	body	string	N	Logical path of the virtual folder
type	body	string	N	Type

Sample Response

200 Data entity updated

```
[
  {
    "id": "633afcaa0b8763c2cea161d8",
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z",
    "name": "file.csv",
    "type": "File",
    "logicalPath": "1/hitachi_gosales/product_line",
    "parentId": "633ad4b9a35b7c6b34db3a07",
    "description": "short description",
    "dataSourceId": "633ad4b9a35b7c6b34db3a07",
    "path": "/demo/folder/file.csv",
    "parentPath": "/demo/folder",
    "attributes": {
      "avgUserRating": 0,
      "bufferLength": "0",
      "charOctetLength": "0",
      "checkClause": "clause",
      "columnDef": "column def",
      "columnName": "column name",
      "columnSize": "10",
      "dataType": "string",
      "dbName": "databaseName",
      "decimalDigits": "decimalDigits",
      "fieldIndex": 0,
      "fieldPath": "string",
```

```
  "fieldSeparator": "/",
  "fileEncoding": "UTF-8",
  "fileFormat": "application/json",
  "headerExists": true,
  "headerRowCount": 0,
  "indexes": {
    "id": "633b03810cfbac6b55bd92e5",
    "indexType": "indexType",
    "isNonUnique": false,
    "name": "name"
  },
  "isForeignKey": false,
  "isNullable": "false",
  "isPrimaryKey": true,
  "isUnique": false,
  "max": "0",
  "min": "0",
  "nullable": "0",
  "nullableFlag": false,
  "numPrecRadix": "0",
  "ordinalPosition": "0",
  "primaryKeyColumnNames": [],
  "refGeneration": "refGeneration",
  "Remarks": "Remarks",
  "scopeCatalog": "scopeCatalog",
  "scopeSchema": "scopeSchema",
  "scopeTable": "scopeTable",
  "selfRefColumnName": "selfRefColumnName",
  "sourceDataType": "selfRefColumnName",
  "sqlDataType": "varchar",
  "sqlDateTimeSub": "sqlDateTimeSub",
  "tableCatalog": "catalog",
  "tableName": "tableName",
  "tableSchema": "schema",
  "tableSerde": "tableSerde",
  "typeCatalog": "typeCatalog",
  "typeName": "typeName",
  "typeSchema": "typeSchema",
  "xmlEndTag": "end tag",
  "xmlRootTag": "root tag",
  "xmlRowTag": "row tag",
  "xmlStartTag": "tag start"
},
```

```
"beAttributes": {
  "activityCount": 0,
  "activityLevel": "LOW",
  "allowDiscovery": true,
  "collectionMember": false,
  "collectionRoot": false,
  "copyStatus": "Unknown",
  "executionState": "executionState",
  "experts": [],
  "fileTikaType": "fileTikaType",
  "importedDescription": "importedDescription",
  "inferredExperts": "inferredExperts",
  "labels": [],
  "logFileRegex": "logFileRegex",
  "multiLineJson": false,
  "owners": [],
  "parquetBinaryToString": false,
  "partitionKeys": [],
  "partitionValues": [],
  "previousLocations": [],
  "readerKeyClass": "readerKeyClass",
  "readerValueClass": "readerValueClass",
  "regExCount": 0,
  "resourceCharsetName": "resourceCharsetName",
  "resourceLp": {
    "index": 19,
    "length": 1028,
    "reference": "resource_lp/1342441",
    "type": "resource_lp"
  },
  "resourceOrigin": "633b03810cfbac6b55bd92e5",
  "richDescriptionIds": [],
  "businessRules": [],
  "sampledRow": 0,
  "semantic": "semantic",
  "businessTerms": {
    "termAssociationId": "633b03810cfbac6b55bd92e5",
    "termLogicalPath": "/logicalPath/terms",
    "methodType": "Manual",
    "termAcceptance": "Manual",
    "termAssociationSemantic": "Sample",
    "termAssociationState": "SUGGESTED",
    "termId": "633b03810cfbac6b55bd92e5",
```

```
        "glossaryId": "607567590ced4472ab23be73",
        "termAssociationWeight": "0",
        "termAssociationType": "type",
        "termAssociationCount": 0,
        "displayName": "displayName"
      },
      "containsBusinessTerms": {
        "termAssociationId": "633b03810cfbac6b55bd92e5",
        "termLogicalPath": "/logicalPath/terms",
        "methodType": "Manual",
        "termAcceptance": "Manual",
        "termAssociationSemantic": "Sample",
        "termAssociationState": "SUGGESTED",
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        "glossaryId": "607567590ced4472ab23be73",
        "termAssociationWeight": "0",
        "termAssociationType": "type",
        "termAssociationCount": 0,
        "displayName": "displayName"
      },
      "sensitivity": "UNKNOWN",
      "sensitivityType": "Computed",
      "sensitivitySetBy": "user defined",
      "evaluatedRegexes": [
        {
          "id": "633b03810cfbac6b55bd92e5",
          "regExTermId": "633b03810cfbac6b55bd9276",
          "regExTermCount": 0,
          "stoppedOnNthMatch": false
        }
      ],
      "storagePolicy": "store policy",
      "storagePolicyDesired": "store policy desired",
      "virtualFolders": {
        "id": "62e845108f2169746f9fc2b7",
        "logicalPath": "Hdfs Raw Dataset",
        "type": "VirtualFolder"
      }
    },
    "columnsCount": 0,
    "customProperties": [
      {
        "isFacetable": false,
```

```
          "isSearchable": false,
          "name": "property name",
          "propertyId": "633b03810cfbac6b55bd92e5",
          "value": "custom value",
          "isDefault": false
        }
      ],
      "dataVersion": 0,
      "displayName": "display name",
      "extraAttributes": {},
      "isSampled": false,
      "ordinalPosition": 0,
      "rowCount": 1,
      "schemaChecksum": "234556",
      "schemaName": "Schema Name",
      "statistics": {},
      "tableCount": 5,
      "documentAttributes": {
        "format": "PDF",
        "title": "title",
        "author": "author",
        "subject": "subject",
        "keywords": [],
        "created": "2022-03-10T16:15:50Z",
        "modified": "2022-03-10T16:15:50Z",
        "application": "application",
        "pdfProducer": "pdfProducer",
        "pdfVersion": "1",
        "documentSize": 0,
        "pageSize": "10",
        "pageCount": 0,
        "id": "633b03810cfbac6b55bd92e1",
        "language": "en"
      },
      "virtualFolders": {
        "id": "62e845108f2169746f9fc2b7",
        "logicalPath": "Hdfs Raw Dataset",
        "type": "VirtualFolder"
      }
    }
  }
]
```

Parameter	Data Type	Description
id	string	Identifier of an entity
timeOfCreation	string	Time of creation for the entity
timeOfLastChange	string	Time of last modification for the entity
name	string	Name of file
type	string	Type of the DataEntity
logicalPath	string	logical path
parentId	string	Parent ID Object of this DataEntity
description	string	Note or Short description about the asset
dataSourceId	string	Datasource Object ID of this DataEntity
path	string	Info about path
parentPath	string	Info about parent path
attributes	object	Attributes list
beAttributes	object	Backend Attributes
columnsCount	integer	Number of Columns
customProperties	array	Custom Properties
dataVersion	integer	Version
displayName	string	Display Name
extraAttributes	object	Extra Attributes
isSampled	boolean	is Sampled?
ordinalPosition	integer	Ordinal Position
rowCount	integer	Number of Rows
schemaChecksum	string	Check Sum
schemaName	string	Schema Name

Parameter	Data Type	Description
statistics	object	Statistic
tableCount	number	Number of Tables count
documentAttributes	object	Document Attributes
virtualFolders	object	List of Virtual folders

Parameter	Data Type	Description
avgUserRating	integer	Average user rating
bufferLength	string	Buffer length
charOctetLength	string	Character octet length
checkClause	string	Check clause
columnDef	string	Column definition
columnName	string	Column name
columnSize	string	Column size
dataType	string	Datatype of the column
dbName	string	Database name
decimalDigits	string	Decimal digits
extendedAttributes	object	Extended Attributes
fieldIndex	integer	Field index of the column
fieldPath	string	Field path of the column
fieldSeparator	string	Field separator of the data entity
fileEncoding	string	File encoding of the data entity
fileFormat	string	File format of the data entity
headerExists	boolean	Flag to identify if header exists

Parameter	Data Type	Description
headerRowCount	integer	Header Row count
indexes	array	Indexes
isForeignKey	boolean	ForeignKey or not
isNullable	string	Nullable or not
isPrimaryKey	boolean	PrimaryKey or not
isUnique	boolean	Unique or not
max	string	Maximum value. Applicable for Column
min	string	Minimum value. Applicable for Column
nullable	string	nullable
nullableFlag	boolean	Nullable flag. Applicable for Column
numPrecRadix	string	Num Prec Redix
ordinalPosition	string	Ordinal position
primaryKeyColumnNames	array	Primary key column names
refGeneration	string	refGeneration
Remarks	string	Remarks
scopeCatalog	string	Scope catalog
scopeSchema	string	Scope schema
scopeTable	string	Scope table name
selfRefColumnName	string	Self Ref Column Name
sourceDataType	string	Source Data Type
sqlDataType	string	Sql data type
sqlDateTimeSub	string	Sqldatetimesub
tableCatalog	string	Tablecatalog

Parameter	Data Type	Description
tableName	string	Table name
tableSchema	string	Table schema
tableSerde	string	Table serde
typeCatalog	string	Type catalog
typeName	string	Type name
typeSchema	string	type schema
xmlEndTag	string	XML end tag
xmlRootTag	string	XML root tag
xmlRowTag	string	XML row tag
xmlStartTag	string	XML start tag

Parameter	Data Type	Description
activityCount	integer	Activity count value
activityLevel	string	Activity level value HIGH/LOW/MEDIUM
allowDiscovery	boolean	Allow discovery of activity
collectionInfo	object	Collections information
collectionMember	boolean	Flag to identify whether this data-entity is a member of a collection
collectionRoot	boolean	Flag to identify whether this data-entity is a root collection
copyStatus	string	Copy status of the data entity
executionState	string	Execution state of the data entity
experts	array	List of experts
fileTikaType	string	File type recognised by Tika

Parameter	Data Type	Description
importedDescription	string	Imported description
inferredExperts	string	Experts inferred from the virtual folders
labels	array	List of labels
logFileRegex	string	Log file regex value
multiLineJson	boolean	Flag to check if data entity has multi line JSON
owners	array	List of owners
parquetBinaryToString	boolean	Parquet binary to string
partitionKeys	array	Partition keys
partitionValues	array	Partition values
previousLocations	array	Datatype of the column
readerKeyClass	string	Sequence file reader key classname
readerValueClass	string	Sequence file reader value classname
regExCount	integer	Regex count
resourceCharsetName	string	Charset name
resourceLp	object	Resource LP information
resourceOrigin	string	Resource origin
resourceState	object	State of the data entity. Default value is "AVAILABLE"
richDescriptionIds	array	Datatype of the column
businessRules	array	List of assigned business rules
sampledRow	integer	Sampled row
semantic	string	Semantic for data entity
businessTerms	array	Business terms
containsBusinessTerms	array	Contains business terms

Parameter	Data Type	Description
sensitivity	string	Sensitivity of the data-entity
sensitivityType	string	Sensitivity type of the data-entity
sensitivitySetBy	string	Sensitivity set by
sensitivityCount	array	Saves the count of sensitivity for each type that is associated with the data entity
evaluatedRegexes	array	Evaluated Regular Expression attributes
storagePolicy	string	Storage policy of the data entity
storagePolicyDesired	string	Storage policy desired of the data entity
virtualFolders	object	List of Virtual folders

Parameter	Data Type	Description
format	string	format attributes
title	string	title
author	string	author
subject	string	subject
keywords	array	keywords
created	string	created
modified	string	modified
application	string	application
pdfProducer	string	pdfProducer
pdfVersion	string	pdf version
documentSize	integer	document Size
pageSize	string	page size
pageCount	integer	page count

Parameter	Data Type	Description
id	string	ID of document attributes
language	string	language of the document

Parameter	Data Type	Description
id	string	Virtual Folders ID
logicalPath	string	Logical path of the virtual folder
type	string	Type

index	integer	index
length	integer	length
reference	string	reference
type	string	type

Parameter	Data Type	Description
id	string	unique ID of the evaluated regex
regExTermId	string	terms ID
regExTermCount	integer	regex term count
stoppedOnNthMatch	boolean	stopped on nth match

Parameter	Data Type	Description
id	string	Virtual Folders ID
logicalPath	string	Logical path of the virtual folder
type	string	Type

Update data entity

Update an existing data entity with provided details and returns data entity.

PUT https://localhost/api/v1/dataentities

Sample Request

curl -v -X PUT "https://localhost/api/v1/dataentities" -d '{"id": "6315d3bded5eac337b6061a5", "isSampled": false, "ordinalPosition": 0, "rowCount": 0, "isSupportedDocumentType": true, "schemaName": "schemaName", "tableCount": 0, "description": "A short description", "attributes": {"avgUserRating": 0, "bufferLength": "0", "charOctetLength": "0", "checkClause": "clause", "columnDef": "column def", "columnName": "column name", "columnSize": "10", "dataType": "string", "dbName": "databaseName", "decimalDigits": "decimalDigits", "fieldIndex": 0, "fieldPath": "string", "fieldSeparator": "/", "fileEncoding": "UTF-8", "fileFormat": "application/json", "headerExists": true, "headerRowCount": 0, "indexes": {"id": "633b03810cfbac6b55bd92e5", "indexType": "indexType", "isNonUnique": false, "name": "name"}, "isForeignKey": false, "isNullable": "false", "isPrimaryKey": true, "isUnique": false, "max": "0", "min": "0", "nullable": "0", "nullableFlag": false, "numPrecRadix": "0", "ordinalPosition": "0", "primaryKeyColumnNames": [], "refGeneration": "refGeneration", "Remarks": "Remarks", "scopeCatalog": "scopeCatalog", "scopeSchema": "scopeSchema", "scopeTable": "scopeTable", "selfRefColumnName": "selfRefColumnName", "sourceDataType": "selfRefColumnName", "sqlDataType": "varchar", "sqlDateTimeSub": "sqlDateTimeSub", "tableCatalog": "catalog", "tableName": "tableName", "tableSchema": "schema", "tableSerde": "tableSerde", "typeCatalog": "typeCatalog", "typeName": "typeName", "typeSchema": "typeSchema", "xmlEndTag": "end tag", "xmlRootTag": "root tag", "xmlRowTag": "row tag", "xmlStartTag": "tag start"}, "customProperties": [{"isFacetable": false, "isSearchable": false, "name": "property name", "propertyId": "633b03810cfbac6b55bd92e5", "value": "custom value", "isDefault": false}], "extraAttributes": {}, "documentAttributes": {"format": "PDF", "title": "title", "author": "author", "subject": "subject", "keywords": [], "created": "2022-03-10T16:15:50Z", "modified": "2022-03-10T16:15:50Z", "application": "application", "pdfProducer": "pdfProducer", "pdfVersion": "1", "documentSize": 0, "pageSize": "10", "pageCount": 0, "id": "633b03810cfbac6b55bd92e1", "language": "en"}, "beAttributes": {"activityCount": 0, "activityLevel": "LOW", "allowDiscovery": true, "collectionMember": false, "collectionRoot": false, "copyStatus": "Unknown", "executionState": "executionState", "experts": [], "fileTikaType": "fileTikaType", "importedDescription": "importedDescription", "inferredExperts": "inferredExperts", "labels": [], "logFileRegex": "logFileRegex", "multiLineJson": false, "owners": [], "parquetBinaryToString": false, "partitionKeys": [], "partitionValues": [], "previousLocations": [], "readerKeyClass": "readerKeyClass", "readerValueClass": "readerValueClass", "regExCount": 0, "resourceCharsetName": "resourceCharsetName", "resourceLp": {"index": 19, "length": 1028, "reference": "resource_lp/1342441", "type": "resource_lp"}, "resourceOrigin": "633b03810cfbac6b55bd92e5", "richDescriptionIds": [], "businessRules": [], "sampledRow": 0, "semantic": "semantic", "businessTerms": {"termAssociationId": "633b03810cfbac6b55bd92e5", "termLogicalPath": "/logicalPath/terms", "methodType": "Manual", "termAcceptance": "Manual", "termAssociationSemantic": "Sample", "termAssociationState": "SUGGESTED", "termId": "633b03810cfbac6b55bd92e5", "glossaryId": "607567590ced4472ab23be73", "termAssociationWeight":

"0", "termAssociationType": "type", "termAssociationCount": 0, "displayName": "displayName"},
"containsBusinessTerms": {"termAssociationId": "633b03810cfbac6b55bd92e5", "termLogicalPath":
"/logicalPath/terms", "methodType": "Manual", "termAcceptance": "Manual",
"termAssociationSemantic": "Sample", "termAssociationState": "SUGGESTED", "termId":
"633b03810cfbac6b55bd92e5", "glossaryId": "607567590ced4472ab23be73", "termAssociationWeight":
"0", "termAssociationType": "type", "termAssociationCount": 0, "displayName": "displayName"},
"sensitivity": "UNKNOWN", "sensitivityType": "Computed", "sensitivitySetBy": "user defined",
"evaluatedRegexes": [{"id": "633b03810cfbac6b55bd92e5", "regExTermId":
"633b03810cfbac6b55bd9276", "regExTermCount": 0, "stoppedOnNthMatch": false}], "storagePolicy":
"store policy", "storagePolicyDesired": "store policy desired", "virtualFolders": {"id":
"62e845108f2169746f9fc2b7", "logicalPath": "Hdfs Raw Dataset", "type": "VirtualFolder"}}}'

{
    "id": "6315d3bded5eac337b6061a5",
    "isSampled": false,
    "ordinalPosition": 0,
    "rowCount": 0,
    "isSupportedDocumentType": true,
    "schemaName": "schemaName",
    "tableCount": 0,
    "description": "A short description",
    "attributes": {
        "avgUserRating": 0,
        "bufferLength": "0",
        "charOctetLength": "0",
        "checkClause": "clause",
        "columnDef": "column def",
        "columnName": "column name",
        "columnSize": "10",
        "dataType": "string",
        "dbName": "databaseName",
        "decimalDigits": "decimalDigits",
        "fieldIndex": 0,
        "fieldPath": "string",
        "fieldSeparator": "/",
        "fileEncoding": "UTF-8",
        "fileFormat": "application/json",
        "headerExists": true,
        "headerRowCount": 0,
        "indexes": {
            "id": "633b03810cfbac6b55bd92e5",
            "indexType": "indexType",

```json
      "isNonUnique": false,
      "name": "name"
    },
    "isForeignKey": false,
    "isNullable": "false",
    "isPrimaryKey": true,
    "isUnique": false,
    "max": "0",
    "min": "0",
    "nullable": "0",
    "nullableFlag": false,
    "numPrecRadix": "0",
    "ordinalPosition": "0",
    "primaryKeyColumnNames": [],
    "refGeneration": "refGeneration",
    "Remarks": "Remarks",
    "scopeCatalog": "scopeCatalog",
    "scopeSchema": "scopeSchema",
    "scopeTable": "scopeTable",
    "selfRefColumnName": "selfRefColumnName",
    "sourceDataType": "selfRefColumnName",
    "sqlDataType": "varchar",
    "sqlDateTimeSub": "sqlDateTimeSub",
    "tableCatalog": "catalog",
    "tableName": "tableName",
    "tableSchema": "schema",
    "tableSerde": "tableSerde",
    "typeCatalog": "typeCatalog",
    "typeName": "typeName",
    "typeSchema": "typeSchema",
    "xmlEndTag": "end tag",
    "xmlRootTag": "root tag",
    "xmlRowTag": "row tag",
    "xmlStartTag": "tag start"
  },
  "customProperties": [
    {
      "isFacetable": false,
      "isSearchable": false,
      "name": "property name",
      "propertyId": "633b03810cfbac6b55bd92e5",
      "value": "custom value",
```

```
          "isDefault": false
        }
    ],
    "extraAttributes": {},
    "documentAttributes": {
        "format": "PDF",
        "title": "title",
        "author": "author",
        "subject": "subject",
        "keywords": [],
        "created": "2022-03-10T16:15:50Z",
        "modified": "2022-03-10T16:15:50Z",
        "application": "application",
        "pdfProducer": "pdfProducer",
        "pdfVersion": "1",
        "documentSize": 0,
        "pageSize": "10",
        "pageCount": 0,
        "id": "633b03810cfbac6b55bd92e1",
        "language": "en"
    },
    "beAttributes": {
        "activityCount": 0,
        "activityLevel": "LOW",
        "allowDiscovery": true,
        "collectionMember": false,
        "collectionRoot": false,
        "copyStatus": "Unknown",
        "executionState": "executionState",
        "experts": [],
        "fileTikaType": "fileTikaType",
        "importedDescription": "importedDescription",
        "inferredExperts": "inferredExperts",
        "labels": [],
        "logFileRegex": "logFileRegex",
        "multiLineJson": false,
        "owners": [],
        "parquetBinaryToString": false,
        "partitionKeys": [],
        "partitionValues": [],
        "previousLocations": [],
        "readerKeyClass": "readerKeyClass",
```

```
"readerValueClass": "readerValueClass",
"regExCount": 0,
"resourceCharsetName": "resourceCharsetName",
"resourceLp": {
  "index": 19,
  "length": 1028,
  "reference": "resource_lp/1342441",
  "type": "resource_lp"
},
"resourceOrigin": "633b03810cfbac6b55bd92e5",
"richDescriptionIds": [],
"businessRules": [],
"sampledRow": 0,
"semantic": "semantic",
"businessTerms": {
  "termAssociationId": "633b03810cfbac6b55bd92e5",
  "termLogicalPath": "/logicalPath/terms",
  "methodType": "Manual",
  "termAcceptance": "Manual",
  "termAssociationSemantic": "Sample",
  "termAssociationState": "SUGGESTED",
  "termId": "633b03810cfbac6b55bd92e5",
  "glossaryId": "607567590ced4472ab23be73",
  "termAssociationWeight": "0",
  "termAssociationType": "type",
  "termAssociationCount": 0,
  "displayName": "displayName"
},
"containsBusinessTerms": {
  "termAssociationId": "633b03810cfbac6b55bd92e5",
  "termLogicalPath": "/logicalPath/terms",
  "methodType": "Manual",
  "termAcceptance": "Manual",
  "termAssociationSemantic": "Sample",
  "termAssociationState": "SUGGESTED",
  "termId": "633b03810cfbac6b55bd92e5",
  "glossaryId": "607567590ced4472ab23be73",
  "termAssociationWeight": "0",
  "termAssociationType": "type",
  "termAssociationCount": 0,
  "displayName": "displayName"
},
```

```
      "sensitivity": "UNKNOWN",
      "sensitivityType": "Computed",
      "sensitivitySetBy": "user defined",
      "evaluatedRegexes": [
        {
          "id": "633b03810cfbac6b55bd92e5",
          "regExTermId": "633b03810cfbac6b55bd9276",
          "regExTermCount": 0,
          "stoppedOnNthMatch": false
        }
      ],
      "storagePolicy": "store policy",
      "storagePolicyDesired": "store policy desired",
      "virtualFolders": {
        "id": "62e845108f2169746f9fc2b7",
        "logicalPath": "Hdfs Raw Dataset",
        "type": "VirtualFolder"
      }
    }
  }
}
```

Parameter	Type	Data Type	Required	Description
id	body	string	N	ID of the data entity
isSampled	body	boolean	N	Data entity is profiled with sampled data
ordinalPosition	body	number	N	Ordinal position
rowCount	body	number	N	Row count
isSupportedDocumentType	body	boolean	N	isSupportedDocumentType
schemaName	body	string	N	Schema name
tableCount	body	number	N	Table count
description	body	string	N	Note/Description about the data entity
attributes	body	object	N	Attributes list

Parameter	Type	Data Type	Required	Description
customProperties	body	array	N	Custom properties of the Data entity
extraAttributes	body	object	N	Extra datasource attributes
documentAttributes	body	object	N	Document Attributes
beAttributes	body	object	N	Backend Attributes
avgUserRating	body	integer	N	Average user rating
bufferLength	body	string	N	Buffer length
charOctetLength	body	string	N	Character octet length
checkClause	body	string	N	Check clause
columnDef	body	string	N	Column definition
columnName	body	string	N	Column name
columnSize	body	string	N	Column size
dataType	body	string	N	Datatype of the column
dbName	body	string	N	Database name
decimalDigits	body	string	N	Decimal digits
extendedAttributes	body	object	N	Extended Attributes
fieldIndex	body	integer	N	Field index of the column
fieldPath	body	string	N	Field path of the column
fieldSeparator	body	string	N	Field separator of the data entity
fileEncoding	body	string	N	File encoding of the data entity
fileFormat	body	string	N	File format of the data entity
headerExists	body	boolean	N	Flag to identify if header exists
headerRowCount	body	integer	N	Header Row count
indexes	body	array	N	Indexes

Parameter	Type	Data Type	Required	Description
isForeignKey	body	boolean	N	ForeignKey or not
isNullable	body	string	N	Nullable or not
isPrimaryKey	body	boolean	N	PrimaryKey or not
isUnique	body	boolean	N	Unique or not
max	body	string	N	Maximum value. Applicable for Column
min	body	string	N	Minimum value. Applicable for Column
nullable	body	string	N	nullable
nullableFlag	body	boolean	N	Nullable flag. Applicable for Column
numPrecRadix	body	string	N	num Prec Redix
ordinalPosition	body	string	N	Ordinal position
primaryKeyColumnNames	body	array	N	Primary key column names
refGeneration	body	string	N	refGeneration
Remarks	body	string	N	Remarks
scopeCatalog	body	string	N	Scope catalog
scopeSchema	body	string	N	Scope schema
scopeTable	body	string	N	Scope table name
selfRefColumnName	body	string	N	Self Ref Column Name
sourceDataType	body	string	N	Source Data Type
sqlDataType	body	string	N	Sql data type
sqlDateTimeSub	body	string	N	Sqldatetimesub
tableCatalog	body	string	N	Tablecatalog
tableName	body	string	N	Table name

Parameter	Type	Data Type	Required	Description
tableSchema	body	string	N	Table schema
tableSerde	body	string	N	Table serde
typeCatalog	body	string	N	Type catalog
typeName	body	string	N	Type name
typeSchema	body	string	N	Type schema
xmlEndTag	body	string	N	XML end tag
xmlRootTag	body	string	N	XML root tag
xmlRowTag	body	string	N	XML row tag
xmlStartTag	body	string	N	XML start tag
isFacetable	body	boolean	N	Flag to make the property facetable
isSearchable	body	boolean	N	Flag to make the property searchable
name	body	string	N	Custom property name
propertyId	body	string	N	Property ID
value	body	string	N	Value of the property
isDefault	body	boolean	N	Flag to identify if the value is the property default value
format	body	string	N	Format attributes
title	body	string	N	Title
author	body	string	N	Author
subject	body	string	N	Subject
keywords	body	array	N	Keywords
created	body	string	N	Created
modified	body	string	N	Modified

Parameter	Type	Data Type	Required	Description
application	body	string	N	Application
pdfProducer	body	string	N	Pdfproducer
pdfVersion	body	string	N	Pdf version
documentSize	body	integer	N	Document Size
pageSize	body	string	N	Page size
pageCount	body	integer	N	Page count
id	body	string	N	ID of document attributes
language	body	string	N	Language of the document
activityCount	body	integer	N	Activity count value
activityLevel	body	string	N	Activity level value HIGH/LOW/MEDIUM
allowDiscovery	body	boolean	N	Allow discovery of activity
collectionInfo	body	object	N	Collections information
collectionMember	body	boolean	N	Flag to identify whether this data-entity is a member of a collection
collectionRoot	body	boolean	N	Flag to identify whether this data-entity is a root collection
copyStatus	body	string	N	Copy status of the data entity
executionState	body	string	N	Execution state of the data entity
experts	body	array	N	List of experts
fileTikaType	body	string	N	File type recognized by Tika
importedDescription	body	string	N	Imported description
inferredExperts	body	string	N	Experts inferred from the virtual folders
labels	body	array	N	List of labels

Parameter	Type	Data Type	Required	Description
logFileRegex	body	string	N	Log file regex value
multiLineJson	body	boolean	N	Flag to check if data entity has multi line JSON
owners	body	array	N	List of owners
parquetBinaryToString	body	boolean	N	parquet binary to string
partitionKeys	body	array	N	Partition keys
partitionValues	body	array	N	Partition values
previousLocations	body	array	N	Datatype of the column
readerKeyClass	body	string	N	Sequence file reader key classname
readerValueClass	body	string	N	Sequence file reader value classname
regExCount	body	integer	N	regex count
resourceCharsetName	body	string	N	Charset name
resourceLp	body	object	N	Resource LP information
resourceOrigin	body	string	N	Resource origin
resourceState	body	object	N	State of the data entity. Default value is "AVAILABLE"
richDescriptionIds	body	array	N	Datatype of the column
businessRules	body	array	N	List of assigned business rules
sampledRow	body	integer	N	Sampled row
semantic	body	string	N	Semantic for data entity
businessTerms	body	array	N	Business terms
containsBusinessTerms	body	array	N	Contains business terms
sensitivity	body	string	N	Sensitivity of the data-entity
sensitivityType	body	string	N	Sensitivity type of the data-entity

Parameter	Type	Data Type	Required	Description
sensitivitySetBy	body	string	N	Sensitivity set by
sensitivityCount	body	array	N	Saves the count of sensitivity for each type that is associated with the data entity
evaluatedRegexes	body	array	N	Evaluated Regular Expression attributes
storagePolicy	body	string	N	Storage policy of the data entity
storagePolicyDesired	body	string	N	Storage policy desired of the data entity
virtualFolders	body	object	N	List of Virtual folders
index	body	integer	N	Index
length	body	integer	N	Length
reference	body	string	N	Reference
type	body	string	N	Type
id	body	string	N	Unique ID of the evaluated regex
regExTermId	body	string	N	Terms ID
regExTermCount	body	integer	N	Regex term count
stoppedOnNthMatch	body	boolean	N	Stopped on nth match
id	body	string	N	Virtual Folders ID
logicalPath	body	string	N	Logical path of the virtual folder
type	body	string	N	Type

Sample Response

200 Updated Data entity

```
{
   "id": "633afcaa0b8763c2cea161d8",
   "timeOfCreation": "2022-03-10T16:15:50Z",
   "timeOfLastChange": "2022-03-10T16:15:50Z",
   "name": "file.csv",
   "type": "File",
   "logicalPath": "1/hitachi_gosales/product_line",
   "parentId": "633ad4b9a35b7c6b34db3a07",
   "description": "short description",
   "dataSourceId": "633ad4b9a35b7c6b34db3a07",
   "path": "/demo/folder/file.csv",
   "parentPath": "/demo/folder",
   "attributes": {
      "avgUserRating": 0,
      "bufferLength": "0",
      "charOctetLength": "0",
      "checkClause": "clause",
      "columnDef": "column def",
      "columnName": "column name",
      "columnSize": "10",
      "dataType": "string",
      "dbName": "databaseName",
      "decimalDigits": "decimalDigits",
      "fieldIndex": 0,
      "fieldPath": "string",
      "fieldSeparator": "/",
      "fileEncoding": "UTF-8",
      "fileFormat": "application/json",
      "headerExists": true,
      "headerRowCount": 0,
      "indexes": {
         "id": "633b03810cfbac6b55bd92e5",
         "indexType": "indexType",
         "isNonUnique": false,
         "name": "name"
      },
      "isForeignKey": false,
      "isNullable": "false",
```

```
        "isPrimaryKey": true,
        "isUnique": false,
        "max": "0",
        "min": "0",
        "nullable": "0",
        "nullableFlag": false,
        "numPrecRadix": "0",
        "ordinalPosition": "0",
        "primaryKeyColumnNames": [],
        "refGeneration": "refGeneration",
        "Remarks": "Remarks",
        "scopeCatalog": "scopeCatalog",
        "scopeSchema": "scopeSchema",
        "scopeTable": "scopeTable",
        "selfRefColumnName": "selfRefColumnName",
        "sourceDataType": "selfRefColumnName",
        "sqlDataType": "varchar",
        "sqlDateTimeSub": "sqlDateTimeSub",
        "tableCatalog": "catalog",
        "tableName": "tableName",
        "tableSchema": "schema",
        "tableSerde": "tableSerde",
        "typeCatalog": "typeCatalog",
        "typeName": "typeName",
        "typeSchema": "typeSchema",
        "xmlEndTag": "end tag",
        "xmlRootTag": "root tag",
        "xmlRowTag": "row tag",
        "xmlStartTag": "tag start"
    },
    "beAttributes": {
        "activityCount": 0,
        "activityLevel": "LOW",
        "allowDiscovery": true,
        "collectionMember": false,
        "collectionRoot": false,
        "copyStatus": "Unknown",
        "executionState": "executionState",
        "experts": [],
        "fileTikaType": "fileTikaType",
        "importedDescription": "importedDescription",
        "inferredExperts": "inferredExperts",
```

```
"labels": [],
"logFileRegex": "logFileRegex",
"multiLineJson": false,
"owners": [],
"parquetBinaryToString": false,
"partitionKeys": [],
"partitionValues": [],
"previousLocations": [],
"readerKeyClass": "readerKeyClass",
"readerValueClass": "readerValueClass",
"regExCount": 0,
"resourceCharsetName": "resourceCharsetName",
"resourceLp": {
   "index": 19,
   "length": 1028,
   "reference": "resource_lp/1342441",
   "type": "resource_lp"
},
"resourceOrigin": "633b03810cfbac6b55bd92e5",
"richDescriptionIds": [],
"businessRules": [],
"sampledRow": 0,
"semantic": "semantic",
"businessTerms": {
   "termAssociationId": "633b03810cfbac6b55bd92e5",
   "termLogicalPath": "/logicalPath/terms",
   "methodType": "Manual",
   "termAcceptance": "Manual",
   "termAssociationSemantic": "Sample",
   "termAssociationState": "SUGGESTED",
   "termId": "633b03810cfbac6b55bd92e5",
   "glossaryId": "607567590ced4472ab23be73",
   "termAssociationWeight": "0",
   "termAssociationType": "type",
   "termAssociationCount": 0,
   "displayName": "displayName"
},
"containsBusinessTerms": {
   "termAssociationId": "633b03810cfbac6b55bd92e5",
   "termLogicalPath": "/logicalPath/terms",
   "methodType": "Manual",
   "termAcceptance": "Manual",
```

```
        "termAssociationSemantic": "Sample",
        "termAssociationState": "SUGGESTED",
        "termId": "633b03810cfbac6b55bd92e5",
        "glossaryId": "607567590ced4472ab23be73",
        "termAssociationWeight": "0",
        "termAssociationType": "type",
        "termAssociationCount": 0,
        "displayName": "displayName"
      },
      "sensitivity": "UNKNOWN",
      "sensitivityType": "Computed",
      "sensitivitySetBy": "user defined",
      "evaluatedRegexes": [
        {
          "id": "633b03810cfbac6b55bd92e5",
          "regExTermId": "633b03810cfbac6b55bd9276",
          "regExTermCount": 0,
          "stoppedOnNthMatch": false
        }
      ],
      "storagePolicy": "store policy",
      "storagePolicyDesired": "store policy desired",
      "virtualFolders": {
        "id": "62e845108f2169746f9fc2b7",
        "logicalPath": "Hdfs Raw Dataset",
        "type": "VirtualFolder"
      }
    },
    "columnsCount": 0,
    "customProperties": [
      {
        "isFacetable": false,
        "isSearchable": false,
        "name": "property name",
        "propertyId": "633b03810cfbac6b55bd92e5",
        "value": "custom value",
        "isDefault": false
      }
    ],
    "dataVersion": 0,
    "displayName": "display name",
    "extraAttributes": {},
```

```
   "isSampled": false,
   "ordinalPosition": 0,
   "rowCount": 1,
   "schemaChecksum": "234556",
   "schemaName": "Schema Name",
   "statistics": {},
   "tableCount": 5,
   "documentAttributes": {
      "format": "PDF",
      "title": "title",
      "author": "author",
      "subject": "subject",
      "keywords": [],
      "created": "2022-03-10T16:15:50Z",
      "modified": "2022-03-10T16:15:50Z",
      "application": "application",
      "pdfProducer": "pdfProducer",
      "pdfVersion": "1",
      "documentSize": 0,
      "pageSize": "10",
      "pageCount": 0,
      "id": "633b03810cfbac6b55bd92e1",
      "language": "en"
   },
   "virtualFolders": {
      "id": "62e845108f2169746f9fc2b7",
      "logicalPath": "Hdfs Raw Dataset",
      "type": "VirtualFolder"
   }
}
```

Parameter	Data Type	Description
id	string	Identifier of an entity
timeOfCreation	string	Time of creation for the entity
timeOfLastChange	string	Time of last modification for the entity
name	string	Name of file
type	string	Type of the DataEntity

Parameter	Data Type	Description
logicalPath	string	Logical path
parentId	string	Parent ID Object of this DataEntity
description	string	Note or Short description about the asset
dataSourceId	string	Datasource Object ID of this DataEntity
path	string	Info about path
parentPath	string	Info about parent path
attributes	object	Attributes list
beAttributes	object	Backend Attributes
columnsCount	integer	Number of Columns
customProperties	array	Custom Properties
dataVersion	integer	Version
displayName	string	Display Name
extraAttributes	object	Extra Attributes
isSampled	boolean	is Sampled?
ordinalPosition	integer	Ordinal Position
rowCount	integer	Number of Rows
schemaChecksum	string	Check Sum
schemaName	string	Schema Name
statistics	object	Statistic
tableCount	number	Number of Tables count
documentAttributes	object	Document Attributes
virtualFolders	object	List of Virtual folders

Parameter	Data Type	Description
avgUserRating	integer	Average user rating
bufferLength	string	Buffer length
charOctetLength	string	Character octet length
checkClause	string	Check clause
columnDef	string	Column definition
columnName	string	Column name
columnSize	string	Column size
dataType	string	Datatype of the column
dbName	string	Database name
decimalDigits	string	Decimal digits
extendedAttributes	object	Extended Attributes
fieldIndex	integer	Field index of the column
fieldPath	string	Field path of the column
fieldSeparator	string	Field separator of the data entity
fileEncoding	string	File encoding of the data entity
fileFormat	string	File format of the data entity
headerExists	boolean	Flag to identify if header exists
headerRowCount	integer	Header Row count
indexes	array	Indexes
isForeignKey	boolean	ForeignKey or not
isNullable	string	Nullable or not
isPrimaryKey	boolean	PrimaryKey or not
isUnique	boolean	Unique or not

Parameter	Data Type	Description
max	string	Maximum value. Applicable for Column
min	string	Minimum value. Applicable for Column
nullable	string	Nullable
nullableFlag	boolean	Nullable flag. Applicable for Column
numPrecRadix	string	num Prec Redix
ordinalPosition	string	Ordinal position
primaryKeyColumnNames	array	Primary key column names
refGeneration	string	refGeneration
Remarks	string	Remarks
scopeCatalog	string	Scope catalog
scopeSchema	string	Scope schema
scopeTable	string	Scope table name
selfRefColumnName	string	Self Ref Column Name
sourceDataType	string	Source Data Type
sqlDataType	string	Sql data type
sqlDateTimeSub	string	Sqldatetimesub
tableCatalog	string	Tablecatalog
tableName	string	Table name
tableSchema	string	Table schema
tableSerde	string	Table serde
typeCatalog	string	Type catalog
typeName	string	Type name
typeSchema	string	Type schema

Parameter	Data Type	Description
xmlEndTag	string	XML end tag
xmlRootTag	string	XML root tag
xmlRowTag	string	XML row tag
xmlStartTag	string	XML start tag

Parameter	Data Type	Description
activityCount	integer	Activity count value
activityLevel	string	Activity level value HIGH/LOW/MEDIUM
allowDiscovery	boolean	Allow discovery of activity
collectionInfo	object	Collections information
collectionMember	boolean	Flag to identify whether this data-entity is a member of a collection
collectionRoot	boolean	Flag to identify whether this data-entity is a root collection
copyStatus	string	Copy status of the data entity
executionState	string	Execution state of the data entity
experts	array	List of experts
fileTikaType	string	File type recognised by Tika
importedDescription	string	Imported description
inferredExperts	string	Experts inferred from the virtual folders
labels	array	List of labels
logFileRegex	string	Log file regex value
multiLineJson	boolean	Flag to check if data entity has multi line JSON
owners	array	List of owners

Parameter	Data Type	Description
parquetBinaryToString	boolean	parquet binary to string
partitionKeys	array	Partition keys
partitionValues	array	Partition values
previousLocations	array	Datatype of the column
readerKeyClass	string	Sequence file reader key classname
readerValueClass	string	Sequence file reader value classname
regExCount	integer	Regex count
resourceCharsetName	string	Charset name
resourceLp	object	Resource LP information
resourceOrigin	string	Resource origin
resourceState	object	State of the data entity. Default value is "AVAILABLE"
richDescriptionIds	array	Datatype of the column
businessRules	array	List of assigned business rules
sampledRow	integer	Sampled row
semantic	string	Semantic for data entity
businessTerms	array	Business terms
containsBusinessTerms	array	Contains business terms
sensitivity	string	Sensitivity of the data-entity
sensitivityType	string	Sensitivity type of the data-entity
sensitivitySetBy	string	Sensitivity set by
sensitivityCount	array	Saves the count of sensitivity for each type that is associated with the data entity
evaluatedRegexes	array	Evaluated Regular Expression attributes

Parameter	Data Type	Description
storagePolicy	string	Storage policy of the data entity
storagePolicyDesired	string	Storage policy desired of the data entity
virtualFolders	object	List of Virtual folders

Parameter	Data Type	Description
format	string	Format attributes
title	string	Title
author	string	Author
subject	string	Subject
keywords	array	Keywords
created	string	Created
modified	string	Modified
application	string	Application
pdfProducer	string	Pdfproducer
pdfVersion	string	Pdf version
documentSize	integer	Document Size
pageSize	string	Page size
pageCount	integer	Page count
id	string	ID of document attributes
language	string	language of the document

Parameter	Data Type	Description
ID	string	Virtual Folders ID
logicalPath	string	Logical path of the virtual folder
type	string	Type

index	integer	index
length	integer	length
reference	string	reference
type	string	type

Parameter	Data Type	Description
ID	string	unique ID of the evaluated regex
regExTermId	string	terms ID
regExTermCount	integer	regex term count
stoppedOnNthMatch	boolean	stopped on nth match

Parameter	Data Type	Description
id	string	Virtual Folders ID
logicalPath	string	Logical path of the virtual folder
type	string	Type

Datasource Management

API to manage all the CRUD operations related with datasource.

Create datasources in bulk

Create datasources with provided details in bulk and return datasource objects.

POST https://localhost/api/v1/datasources/bulk

Sample Request

curl -v -X POST "https://localhost/api/v1/datasources/bulk" -d '[{"id": "63048125dd9fee0d5bc9e965", "name": "test", "type": "Database", "sourceType": "Postgres", "sourceURI": "jdbc:vdb://postgres-host:5432/testdb", "description": "This is sample description", "richDescriptionIds": ["607567590ced4472ab23be73"], "displayName": "This is sample display name", "agentName": "local-agent", "agentLocalURI": "hdfs://localhost:8020", "labels": ["Label 1"], "statistics": {}, "attributes": {}, "extraAttributes": {}}]'

```
[
  {
    "id": "63048125dd9fee0d5bc9e965",
    "name": "test",
    "type": "Database",
    "sourceType": "Postgres",
    "sourceURI": "jdbc:vdb://postgres-host:5432/testdb",
    "description": "This is sample description",
    "richDescriptionIds": [
      "607567590ced4472ab23be73"
    ],
    "displayName": "This is sample display name",
    "agentName": "local-agent",
    "agentLocalURI": "hdfs://localhost:8020",
    "labels": [
      "Label 1"
    ],
    "statistics": {},
    "attributes": {},
    "extraAttributes": {}
  }
]
```

Parameter	Type	Data Type	Required	Description
id	body	string	N	ID of the Datasource
name	body	string	Y	Name of the datasource
type	body	string	Y	Type of the datasource
sourceType	body	string	Y	Sub Type of the Datasource
sourceURI	body	string	N	Source URI of the datasource
description	body	string	N	Description of the datasource
richDescriptionIds	body	array	N	Identifiers of the rich description ids
displayName	body	string	N	Display name of the datasource
agentName	body	string	N	Name of the agent
agentLocalURI	body	string	N	Agent local URI
labels	body	array	N	Labels of the datasource
statistics	body	object	N	Statistics of the datasource
attributes	body	object	Y	Datasource attributes
extraAttributes	body	object	N	Extra datasource attributes

Sample Response

201 List of data source objects created

```
[
  {
    "id": "63048125dd9fee0d5bc9e965",
    "name": "test",
    "type": "Database",
    "sourceType": "Postgres",
    "logicalPath": "1",
    "sourceURI": "jdbc:vdb://postgres-host:5432/testdb",
    "description": "This is sample description",
    "richDescriptionIds": [
        "607567590ced4472ab23be73"
    ],
    "displayName": "This is sample display name",
```

"sourceState": "Available",
"rootVirtualFolder": "607567590ced4472ab23be73",
"agentId": "607567590ced4472ab23be73",
"agentName": "local-agent",
"agentLocalURI": "hdfs://localhost:8020",
"labels": [
  "Label 1"
],
"statistics": {},
"dataVersion": 26,
"attributes": {
  "awsAccessKey": "",
  "awsSecretKey": "",
  "awsBucketName": "",
  "awsEndpoint": "",
  "awsUriScheme": "s3a",
  "awsAssumedRole": "",
  "awsAdditionalProps": "key1=value1\nkey2=value2",
  "buckets": [
    "string"
  ],
  "adlsFileSystem": "",
  "adlsAccountName": "",
  "adlsSharedKey": "",
  "adlsClientId": "",
  "adlsClientSecret": "",
  "adlsClientEndpoint": "",
  "adlsAdditionalProps": "",
  "adlsAuthenticationType": "",
  "clientId": "",
  "clientSecret": "",
  "tenantId": "",
  "configurationMethod": "",
  "rootPaths": [
    "/"
  ],
  "coreSiteXML": "",
  "dbName": "",
  "dbVersion": "",
  "dbDriverName": "",
  "schemas": [
    "test1",

```
        "test2"
      ]
    },
    "extraAttributes": {},
    "deleted": false,
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z"
  }
]
```

Parameter	Data Type	Description
id	string	ID of the Datasource
name	string	Name of the datasource
type	string	Type of the datasource
sourceType	string	Sub Type of the Datasource
logicalPath	string	Logical path of the datasource
sourceURI	string	Source URI of the datasource
description	string	Description of the datasource
richDescriptionIds	array	Identifiers of the rich description IDs
displayName	string	Display name of the datasource
sourceState	string	Source state of the Datasource
rootVirtualFolder	string	Identifier of the root virtual folder
agentId	string	Identifier of the agent
agentName	string	Name of the agent
agentLocalURI	string	Agent local URI
labels	array	Labels of the datasource
statistics	object	Statistics of the datasource
dataVersion	number	Data version of the datasource
attributes	object	Datasource Attributes

Parameter	Data Type	Description
extraAttributes	object	Datasource extra attributes
deleted	boolean	Datasource extra attributes
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated

Parameter	Data Type	Description
awsAccessKey	string	AWS S3 access key
awsSecretKey	string	AWS S3 secret key
awsBucketName	string	AWS S3 bucket name
awsEndpoint	string	AWS S3 Endpoint
awsUriScheme	string	AWS S3 Uri scheme
awsAssumedRole	string	AWS S3 assumed role
awsAdditionalProps	string	AWS S3 additional properties. Should be equal to key=value pairs divided by new line
buckets	array	List of buckets
adlsFileSystem	string	Azure Data Lake Storage (ADLS) File System
adlsAccountName	string	ADLS Account Name
adlsSharedKey	string	ADLS Shared Key
adlsClientId	string	ADLS ClientId
adlsClientSecret	string	ADLS Client Secret
adlsClientEndpoint	string	ADLS Client Endpoint
adlsAdditionalProps	string	ADLS additional props
adlsAuthenticationType	string	ADLS Authentication type
clientId	string	One Drive ClientId

Parameter	Data Type	Description
clientSecret	string	One Drive Client secret
tenantId	string	One Drive tenantId
configurationMethod	string	Configuration Method of the data source
rootPaths	array	List of root paths
coreSiteXML	string	CoresiteXML in string representation
credentials	object	Credentials to connect to the data source
dbName	string	Name of the database
dbVersion	string	Version of the database
dbDriverName	string	Driver name of the database
schemas	array	List of schemas of the database

Create datasource

Create a datasource with provided details and returns datasource object.

POST https://localhost/api/v1/datasources

Sample Request

curl -v -X POST "https://localhost/api/v1/datasources" -d '{"id": "63048125dd9fee0d5bc9e965", "name": "test", "type": "Database", "sourceType": "Postgres", "sourceURI": "jdbc:vdb://postgres-host:5432/testdb", "description": "This is sample description", "richDescriptionIds": ["607567590ced4472ab23be73"], "displayName": "This is sample display name", "agentName": "local-agent", "agentLocalURI": "hdfs://localhost:8020", "labels": ["Label 1"], "statistics": {}, "attributes": {}, "extraAttributes": {}}'

```
{
   "id": "63048125dd9fee0d5bc9e965",
   "name": "test",
   "type": "Database",
   "sourceType": "Postgres",
   "sourceURI": "jdbc:vdb://postgres-host:5432/testdb",
   "description": "This is sample description",
   "richDescriptionIds": [
      "607567590ced4472ab23be73"
```

```
  ],
  "displayName": "This is sample display name",
  "agentName": "local-agent",
  "agentLocalURI": "hdfs://localhost:8020",
  "labels": [
     "Label 1"
  ],
  "statistics": {},
  "attributes": {},
  "extraAttributes": {}
}
```

Parameter	Type	Data Type	Required	Description
id	body	string	N	ID of the Datasource
name	body	string	Y	Name of the datasource
type	body	string	Y	Type of the datasource
sourceType	body	string	Y	Sub Type of the Datasource
sourceURI	body	string	N	Source URI of the datasource
description	body	string	N	Description of the datasource
richDescriptionIds	body	array	N	Identifiers of the rich description ids
displayName	body	string	N	Display name of the datasource
agentName	body	string	N	Name of the agent
agentLocalURI	body	string	N	Agent local URI
labels	body	array	N	Labels of the datasource
statistics	body	object	N	Statistics of the datasource
attributes	body	object	Y	Datasource attributes
extraAttributes	body	object	N	Extra datasource attributes

Sample Response

201 Datasource object

```
{
    "id": "63048125dd9fee0d5bc9e965",
    "name": "test",
    "type": "Database",
    "sourceType": "Postgres",
    "logicalPath": "1",
    "sourceURI": "jdbc:vdb://postgres-host:5432/testdb",
    "description": "This is sample description",
    "richDescriptionIds": [
        "607567590ced4472ab23be73"
    ],
    "displayName": "This is sample display name",
    "sourceState": "Available",
    "rootVirtualFolder": "607567590ced4472ab23be73",
    "agentId": "607567590ced4472ab23be73",
    "agentName": "local-agent",
    "agentLocalURI": "hdfs://localhost:8020",
    "labels": [
        "Label 1"
    ],
    "statistics": {},
    "dataVersion": 26,
    "attributes": {
        "awsAccessKey": "",
        "awsSecretKey": "",
        "awsBucketName": "",
        "awsEndpoint": "",
        "awsUriScheme": "s3a",
        "awsAssumedRole": "",
        "awsAdditionalProps": "key1=value1\nkey2=value2",
        "buckets": [
            "string"
        ],
        "adlsFileSystem": "",
        "adlsAccountName": "",
        "adlsSharedKey": "",
        "adlsClientId": "",
        "adlsClientSecret": "",
```

```
      "adlsClientEndpoint": "",
      "adlsAdditionalProps": "",
      "adlsAuthenticationType": "",
      "clientId": "",
      "clientSecret": "",
      "tenantId": "",
      "configurationMethod": "",
      "rootPaths": [
        "/"
      ],
      "coreSiteXML": "",
      "dbName": "",
      "dbVersion": "",
      "dbDriverName": "",
      "schemas": [
        "test1",
        "test2"
      ]
    },
  "extraAttributes": {},
  "deleted": false,
  "timeOfCreation": "2022-03-10T16:15:50Z",
  "timeOfLastChange": "2022-03-10T16:15:50Z"
}
```

Parameter	Data Type	Description
id	string	ID of the Datasource
name	string	Name of the datasource
type	string	Type of the datasource
sourceType	string	Sub Type of the Datasource
logicalPath	string	Logical path of the datasource
sourceURI	string	Source URI of the datasource
description	string	Description of the datasource
richDescriptionIds	array	Identifiers of the rich description IDs
displayName	string	Display name of the datasource

Parameter	Data Type	Description
sourceState	string	Source state of the Datasource
rootVirtualFolder	string	Identifier of the root virtual folder
agentId	string	Identifier of the agent
agentName	string	Name of the agent
agentLocalURI	string	Agent local URI
labels	array	Labels of the datasource
statistics	object	Statistics of the datasource
dataVersion	number	Data version of the datasource
attributes	object	Datasource Attributes
extraAttributes	object	Datasource extra attributes
deleted	boolean	Datasource extra attributes
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated

Parameter	Data Type	Description
awsAccessKey	string	AWS S3 access key
awsSecretKey	string	AWS S3 secret key
awsBucketName	string	AWS S3 bucket name
awsEndpoint	string	AWS S3 Endpoint
awsUriScheme	string	AWS S3 Uri scheme
awsAssumedRole	string	AWS S3 assumed role
awsAdditionalProps	string	AWS S3 additional properties. Should be equal to key=value pairs divided by new line
buckets	array	List of buckets

Parameter	Data Type	Description
adlsFileSystem	string	Azure Data Lake Storage (ADLS) File System
adlsAccountName	string	ADLS Account Name
adlsSharedKey	string	ADLS Shared Key
adlsClientId	string	ADLS ClientId
adlsClientSecret	string	ADLS Client Secret
adlsClientEndpoint	string	ADLS Client Endpoint
adlsAdditionalProps	string	ADLS additional props
adlsAuthenticationType	string	ADLS Authentication type
clientId	string	One Drive ClientId
clientSecret	string	One Drive Client secret
tenantId	string	One Drive tenantId
configurationMethod	string	Configuration Method of the data source
rootPaths	array	List of root paths
coreSiteXML	string	CoresiteXML in string representation
credentials	object	Credentials to connect to the data source
dbName	string	Name of the database
dbVersion	string	Version of the database
dbDriverName	string	Driver name of the database
schemas	array	List of schemas of the database

Delete datasource

Delete an existing datasource along with its dependencies. It is an asynchronous operation.

DELETE https://localhost/api/v1/datasources/{id}

Sample Request

curl -v -X DELETE "https://localhost/api/v1/datasources/sample-id"

Parameter	Type	Data Type	Required	Description
id	path	string	Y	ID of the datasource

Sample Response

202 Job submission response

```
{
    "templateKey": "633acc8855c17b0b531082f5",
    "jobInstanceKey": "633acc95c16bd1274f774f2f",
    "status": "SUCCESS",
    "message": "Successfully triggered the job"
}
```

Parameter	Data Type	Description
templateKey	string	Template ID using which the job is triggered
jobInstanceKey	string	Triggered job ID
status	string	Job execution status
message	string	Message

Get datasource by name

Fetch the datasource for the provided name.

GET https://localhost/api/v1/datasources/name/{name}

Sample Request

curl -v -X GET "https://localhost/api/v1/datasources/name/sample-name"

Parameter	Type	Data Type	Required	Description
name	path	string	Y	Name of the datasource

Sample Response

200 Datasource object

```
{
    "id": "63048125dd9fee0d5bc9e965",
    "name": "test",
    "type": "Database",
    "sourceType": "Postgres",
    "logicalPath": "1",
    "sourceURI": "jdbc:vdb://postgres-host:5432/testdb",
    "description": "This is sample description",
    "richDescriptionIds": [
        "607567590ced4472ab23be73"
    ],
    "displayName": "This is sample display name",
    "sourceState": "Available",
    "rootVirtualFolder": "607567590ced4472ab23be73",
    "agentId": "607567590ced4472ab23be73",
    "agentName": "local-agent",
    "agentLocalURI": "hdfs://localhost:8020",
    "labels": [
        "Label 1"
    ],
    "statistics": {},
    "dataVersion": 26,
    "attributes": {
        "awsAccessKey": "",
        "awsSecretKey": "",
        "awsBucketName": "",
        "awsEndpoint": "",
```

```
      "awsUriScheme": "s3a",
      "awsAssumedRole": "",
      "awsAdditionalProps": "key1=value1\nkey2=value2",
      "buckets": [
        "string"
      ],
      "adlsFileSystem": "",
      "adlsAccountName": "",
      "adlsSharedKey": "",
      "adlsClientId": "",
      "adlsClientSecret": "",
      "adlsClientEndpoint": "",
      "adlsAdditionalProps": "",
      "adlsAuthenticationType": "",
      "clientId": "",
      "clientSecret": "",
      "tenantId": "",
      "configurationMethod": "",
      "rootPaths": [
        "/"
      ],
      "coreSiteXML": "",
      "dbName": "",
      "dbVersion": "",
      "dbDriverName": "",
      "schemas": [
        "test1",
        "test2"
      ]
    },
    "extraAttributes": {},
    "deleted": false,
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z"
}
```

Parameter	Data Type	Description
id	string	ID of the Datasource
name	string	Name of the datasource
type	string	Type of the datasource
sourceType	string	Sub Type of the Datasource
logicalPath	string	Logical path of the datasource
sourceURI	string	Source URI of the datasource
description	string	Description of the datasource
richDescriptionIds	array	Identifiers of the rich description IDs
displayName	string	Display name of the datasource
sourceState	string	Source state of the Datasource
rootVirtualFolder	string	Identifier of the root virtual folder
agentId	string	Identifier of the agent
agentName	string	Name of the agent
agentLocalURI	string	Agent local URI
labels	array	Labels of the datasource
statistics	object	Statistics of the datasource
dataVersion	number	Data version of the datasource
attributes	object	Datasource Attributes
extraAttributes	object	Datasource extra attributes
deleted	boolean	Datasource extra attributes
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated

Parameter	Data Type	Description
awsAccessKey	string	AWS S3 access key
awsSecretKey	string	AWS S3 secret key
awsBucketName	string	AWS S3 bucket name
awsEndpoint	string	AWS S3 Endpoint
awsUriScheme	string	AWS S3 Uri scheme
awsAssumedRole	string	AWS S3 assumed role
awsAdditionalProps	string	AWS S3 additional properties. Should be equal to key=value pairs divided by new line
buckets	array	List of buckets
adlsFileSystem	string	Azure Data Lake Storage (ADLS) File System
adlsAccountName	string	ADLS Account Name
adlsSharedKey	string	ADLS Shared Key
adlsClientId	string	ADLS ClientId
adlsClientSecret	string	ADLS Client Secret
adlsClientEndpoint	string	ADLS Client Endpoint
adlsAdditionalProps	string	ADLS additional props
adlsAuthenticationType	string	ADLS Authentication type
clientId	string	One Drive ClientId
clientSecret	string	One Drive Client secret
tenantId	string	One Drive tenantId
configurationMethod	string	Configuration Method of the data source
rootPaths	array	List of root paths
coreSiteXML	string	CoresiteXML in string representation
credentials	object	Credentials to connect to the data source

Parameter	Data Type	Description
dbName	string	Name of the database
dbVersion	string	Version of the database
dbDriverName	string	Driver name of the database
schemas	array	List of schemas of the database

Get datasource by ID

Fetch the datasource for the provided ID.

GET https://localhost/api/v1/datasources/{id}

Sample Request

curl -v -X GET "https://localhost/api/v1/datasources/sample-id"

Parameter	Type	Data Type	Required	Description
id	path	string	Y	ID of the datasource

Sample Response

200 Datasource object

```
{
   "id": "63048125dd9fee0d5bc9e965",
   "name": "test",
   "type": "Database",
   "sourceType": "Postgres",
   "logicalPath": "1",
   "sourceURI": "jdbc:vdb://postgres-host:5432/testdb",
   "description": "This is sample description",
   "richDescriptionIds": [
      "607567590ced4472ab23be73"
   ],
   "displayName": "This is sample display name",
   "sourceState": "Available",
   "rootVirtualFolder": "607567590ced4472ab23be73",
   "agentId": "607567590ced4472ab23be73",
   "agentName": "local-agent",
   "agentLocalURI": "hdfs://localhost:8020",
   "labels": [
      "Label 1"
```

```json
    ],
    "statistics": {},
    "dataVersion": 26,
    "attributes": {
      "awsAccessKey": "",
      "awsSecretKey": "",
      "awsBucketName": "",
      "awsEndpoint": "",
      "awsUriScheme": "s3a",
      "awsAssumedRole": "",
      "awsAdditionalProps": "key1=value1\nkey2=value2",
      "buckets": [
        "string"
      ],
      "adlsFileSystem": "",
      "adlsAccountName": "",
      "adlsSharedKey": "",
      "adlsClientId": "",
      "adlsClientSecret": "",
      "adlsClientEndpoint": "",
      "adlsAdditionalProps": "",
      "adlsAuthenticationType": "",
      "clientId": "",
      "clientSecret": "",
      "tenantId": "",
      "configurationMethod": "",
      "rootPaths": [
        "/"
      ],
      "coreSiteXML": "",
      "dbName": "",
      "dbVersion": "",
      "dbDriverName": "",
      "schemas": [
        "test1",
        "test2"
      ]
    },
    "extraAttributes": {},
    "deleted": false,
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z"
}
```

Parameter	Data Type	Description
id	string	ID of the Datasource
name	string	Name of the datasource
type	string	Type of the datasource
sourceType	string	Sub Type of the Datasource
logicalPath	string	Logical path of the datasource
sourceURI	string	Source URI of the datasource
description	string	Description of the datasource
richDescriptionIds	array	Identifiers of the rich description IDs
displayName	string	Display name of the datasource
sourceState	string	Source state of the Datasource
rootVirtualFolder	string	Identifier of the root virtual folder
agentId	string	Identifier of the agent
agentName	string	Name of the agent
agentLocalURI	string	Agent local URI
labels	array	Labels of the datasource
statistics	object	Statistics of the datasource
dataVersion	number	Data version of the datasource
attributes	object	Datasource Attributes
extraAttributes	object	Datasource extra attributes
deleted	boolean	Datasource extra attributes
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated

Parameter	Data Type	Description
awsAccessKey	string	AWS S3 access key
awsSecretKey	string	AWS S3 secret key
awsBucketName	string	AWS S3 bucket name
awsEndpoint	string	AWS S3 Endpoint
awsUriScheme	string	AWS S3 Uri scheme
awsAssumedRole	string	AWS S3 assumed role
awsAdditionalProps	string	AWS S3 additional properties. Should be equal to key=value pairs divided by new line
buckets	array	List of buckets
adlsFileSystem	string	Azure Data Lake Storage (ADLS) File System
adlsAccountName	string	ADLS Account Name
adlsSharedKey	string	ADLS Shared Key
adlsClientId	string	ADLS ClientId
adlsClientSecret	string	ADLS Client Secret
adlsClientEndpoint	string	ADLS Client Endpoint
adlsAdditionalProps	string	ADLS additional props
adlsAuthenticationType	string	ADLS Authentication type
clientId	string	One Drive ClientId
clientSecret	string	One Drive Client secret
tenantId	string	One Drive tenantId
configurationMethod	string	Configuration Method of the data source
rootPaths	array	List of root paths
coreSiteXML	string	CoresiteXML in string representation
credentials	object	Credentials to connect to the data source

Parameter	Data Type	Description
dbName	string	Name of the database
dbVersion	string	Version of the database
dbDriverName	string	Driver name of the database
schemas	array	List of schemas of the database

Get datasource objects with query parameters

Fetch all the datasources matched with the query parameters.

GET https://localhost/api/v1/datasources

Sample Request

curl -v -X GET "https://localhost/api/v1/datasources?index=0&size=0&sourceType=sample-sourceType&type=sample-type"

Parameter	Type	Data Type	Required	Description
index	query	integer	N	Index of the page that you want to retrieve. If the value is negative or unset it will be set to 0.
size	query	integer	N	Number of records per page that you want to retrieve. If the value is negative or unset it will be set to 25.
sourceType	query	string	N	Sub Type of the Datasource. Valid values can be Postgres, MySQL, HDFS, S3, ADLS, Hive, Oracle. If the supplied value is empty then all the datasource entities will be returned.
type	query	string	N	Datasource type. Valid values can be Database, FileSystem, Application, Registered. If the supplied value is empty then all the datasource entities will be returned.

Sample Response

200 Paginated response

```
{
    "totalCount": 60,
    "list": [
        {
            "id": "63048125dd9fee0d5bc9e965",
            "name": "test",
            "type": "Database",
            "sourceType": "Postgres",
            "logicalPath": "1",
            "sourceURI": "jdbc:vdb://postgres-host:5432/testdb",
            "description": "This is sample description",
            "richDescriptionIds": [
                "607567590ced4472ab23be73"
            ],
            "displayName": "This is sample display name",
            "sourceState": "Available",
            "rootVirtualFolder": "607567590ced4472ab23be73",
            "agentId": "607567590ced4472ab23be73",
            "agentName": "local-agent",
            "agentLocalURI": "hdfs://localhost:8020",
            "labels": [
                "Label 1"
            ],
            "statistics": {},
            "attributes": {
                "awsAccessKey": "",
                "awsSecretKey": "",
                "awsBucketName": "",
                "awsEndpoint": "",
                "awsUriScheme": "s3a",
                "awsAssumedRole": "",
                "awsAdditionalProps": "key1=value1\nkey2=value2",
                "buckets": [
                    "string"
                ],
                "adlsFileSystem": "",
                "adlsAccountName": "",
                "adlsSharedKey": "",
```

```
            "adlsClientId": "",
            "adlsClientSecret": "",
            "adlsClientEndpoint": "",
            "adlsAdditionalProps": "",
            "adlsAuthenticationType": "",
            "clientId": "",
            "clientSecret": "",
            "tenantId": "",
            "configurationMethod": "",
            "rootPaths": [
               "/"
            ],
            "coreSiteXML": "",
            "dbName": "",
            "dbVersion": "",
            "dbDriverName": "",
            "schemas": [
               "test1",
               "test2"
            ]
         },
         "extraAttributes": {},
         "deleted": false,
         "timeOfCreation": "2022-03-10T16:15:50Z",
         "timeOfLastChange": "2022-03-10T16:15:50Z"
      }
   ],
   "sortableFields": [
      "id"
   ],
   "currentPage": 1,
   "totalPages": 6
}
```

Parameter	Data Type	Description
totalCount	integer	The total number of results found in the request.
list	array	Datasource list
sortableFields	array	The list of fields using which the data in the list is sorted

Parameter	Data Type	Description
currentPage	integer	Index of the currentPage
totalPages	integer	Total number of pages available for the filter

Get datasource objects with search criteria

Fetch all the datasources matched with the search criteria.

POST https://localhost/api/v1/datasources/search

Sample Request

curl -v -X POST "https://localhost/api/v1/datasources/search" -d '{"filters": {}, "page": {"index": 0, "size": 25}, "sort": {"columns": {"name": "_id", "direction": "DESC"}}}'

```
{
    "filters": {},
    "page": {
        "index": 0,
        "size": 25
    },
    "sort": {
        "columns": {
            "name": "_id",
            "direction": "DESC"
        }
    }
}
```

Parameter	Type	Data Type	Required	Description
filters	body	object	N	Filters to apply during the search operation
page	body	object	N	Pagination details
sort	body	object	N	Sorting details
index	body	integer	N	Index of the page that you want to retrieve
size	body	integer	N	Number of records per page
columns	body	array	N	List of sortable columns

200 Paginated response

```
{
   "totalCount": 60,
   "list": [
      {
         "id": "63048125dd9fee0d5bc9e965",
         "name": "test",
         "type": "Database",
         "sourceType": "Postgres",
         "logicalPath": "1",
         "sourceURI": "jdbc:vdb://postgres-host:5432/testdb",
         "description": "This is sample description",
         "richDescriptionIds": [
            "607567590ced4472ab23be73"
         ],
         "displayName": "This is sample display name",
         "sourceState": "Available",
         "rootVirtualFolder": "607567590ced4472ab23be73",
         "agentId": "607567590ced4472ab23be73",
         "agentName": "local-agent",
         "agentLocalURI": "hdfs://localhost:8020",
         "labels": [
            "Label 1"
         ],
         "statistics": {},
         "attributes": {
            "awsAccessKey": "",
            "awsSecretKey": "",
            "awsBucketName": "",
            "awsEndpoint": "",
            "awsUriScheme": "s3a",
            "awsAssumedRole": "",
            "awsAdditionalProps": "key1=value1\nkey2=value2",
            "buckets": [
               "string"
            ],
            "adlsFileSystem": "",
            "adlsAccountName": "",
            "adlsSharedKey": "",
```

```
          "adlsClientId": "",
          "adlsClientSecret": "",
          "adlsClientEndpoint": "",
          "adlsAdditionalProps": "",
          "adlsAuthenticationType": "",
          "clientId": "",
          "clientSecret": "",
          "tenantId": "",
          "configurationMethod": "",
          "rootPaths": [
            "/"
          ],
          "coreSiteXML": "",
          "dbName": "",
          "dbVersion": "",
          "dbDriverName": "",
          "schemas": [
            "test1",
            "test2"
          ]
        },
        "extraAttributes": {},
        "deleted": false,
        "timeOfCreation": "2022-03-10T16:15:50Z",
        "timeOfLastChange": "2022-03-10T16:15:50Z"
      }
    ],
    "sortableFields": [
      "id"
    ],
    "currentPage": 1,
    "totalPages": 6
}
```

Parameter	Data Type	Description
totalCount	integer	The total number of results found in the request.
list	array	Datasource list
sortableFields	array	The list of fields using which the data in the list is sorted
currentPage	integer	Index of the currentPage
totalPages	integer	Total number of pages available for the filter

Initiate import job

Initiate import job and return ImportJobResponse object which includes response message and jobId.

POST https://localhost/api/v1/datasources/import

Sample Request

curl -v -X POST "https://localhost/api/v1/datasources/import" -F '"overwrite=@sample-file.txt;text/plain"'

Parameter	Type	Data Type	Required	Description
file	body	string	Y	Input file to be uploaded
overwrite	body	boolean	Y	Overwrite flag to inform the server to overwrite the record if it exists

Sample Response

202 Job Initiated

```
{
    "templateKey": "633acc8855c17b0b531082f5",
    "jobInstanceKey": "633acc95c16bd1274f774f2f",
    "status": "SUCCESS",
    "message": "Successfully triggered the job"
}
```

Parameter	Data Type	Description
templateKey	string	Template ID using which the job is triggered
jobInstanceKey	string	Triggered job ID
status	string	Job execution status
message	string	Message

Update datasources in bulk

Update the datasources in bulk with the provided details. If the datasource exists with given name, it returns the updated datasource objects.

PUT https://localhost/api/v1/datasources/bulk

Sample Request

curl -v -X PUT "https://localhost/api/v1/datasources/bulk" -d '[{"id": "63048125dd9fee0d5bc9e965", "name": "test", "type": "Database", "sourceType": "Postgres", "sourceURI": "jdbc:vdb://postgres-host:5432/testdb", "description": "This is sample description", "richDescriptionIds": ["607567590ced4472ab23be73"], "displayName": "This is sample display name", "agentName": "local-agent", "agentLocalURI": "hdfs://localhost:8020", "labels": ["Label 1"], "statistics": {}, "attributes": {}, "extraAttributes": {}}]'

```
[
  {
    "id": "63048125dd9fee0d5bc9e965",
    "name": "test",
    "type": "Database",
    "sourceType": "Postgres",
    "sourceURI": "jdbc:vdb://postgres-host:5432/testdb",
    "description": "This is sample description",
    "richDescriptionIds": [
      "607567590ced4472ab23be73"
    ],
    "displayName": "This is sample display name",
    "agentName": "local-agent",
    "agentLocalURI": "hdfs://localhost:8020",
    "labels": [
      "Label 1"
    ],
    "statistics": {},
    "attributes": {},
    "extraAttributes": {}
  }
]
```

Parameter	Type	Data Type	Required	Description
id	body	string	N	ID of the Datasource
name	body	string	Y	Name of the datasource
type	body	string	Y	Type of the datasource
sourceType	body	string	Y	Sub Type of the Datasource
sourceURI	body	string	N	Source URI of the datasource
description	body	string	N	Description of the datasource
richDescriptionIds	body	array	N	Identifiers of the rich description ids
displayName	body	string	N	Display name of the datasource
agentName	body	string	N	Name of the agent
agentLocalURI	body	string	N	Agent local URI
labels	body	array	N	Labels of the datasource
statistics	body	object	N	Statistics of the datasource
attributes	body	object	Y	Datasource attributes
extraAttributes	body	object	N	Extra datasource attributes

Sample Response

200 List of data source objects updated

```
[
  {
    "id": "63048125dd9fee0d5bc9e965",
    "name": "test",
    "type": "Database",
    "sourceType": "Postgres",
    "logicalPath": "1",
    "sourceURI": "jdbc:vdb://postgres-host:5432/testdb",
    "description": "This is sample description",
    "richDescriptionIds": [
      "607567590ced4472ab23be73"
    ],
    "displayName": "This is sample display name",
```

```
"sourceState": "Available",
"rootVirtualFolder": "607567590ced4472ab23be73",
"agentId": "607567590ced4472ab23be73",
"agentName": "local-agent",
"agentLocalURI": "hdfs://localhost:8020",
"labels": [
  "Label 1"
],
"statistics": {},
"dataVersion": 26,
"attributes": {
  "awsAccessKey": "",
  "awsSecretKey": "",
  "awsBucketName": "",
  "awsEndpoint": "",
  "awsUriScheme": "s3a",
  "awsAssumedRole": "",
  "awsAdditionalProps": "key1=value1\nkey2=value2",
  "buckets": [
    "string"
  ],
  "adlsFileSystem": "",
  "adlsAccountName": "",
  "adlsSharedKey": "",
  "adlsClientId": "",
  "adlsClientSecret": "",
  "adlsClientEndpoint": "",
  "adlsAdditionalProps": "",
  "adlsAuthenticationType": "",
  "clientId": "",
  "clientSecret": "",
  "tenantId": "",
  "configurationMethod": "",
  "rootPaths": [
    "/"
  ],
  "coreSiteXML": "",
  "dbName": "",
  "dbVersion": "",
  "dbDriverName": "",
  "schemas": [
    "test1",
```

```
        "test2"
      ]
    },
    "extraAttributes": {},
    "deleted": false,
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z"
  }
]
```

Parameter	Data Type	Description
id	string	ID of the Datasource
name	string	Name of the datasource
type	string	Type of the datasource
sourceType	string	Sub Type of the Datasource
logicalPath	string	Logical path of the datasource
sourceURI	string	Source URI of the datasource
description	string	Description of the datasource
richDescriptionIds	array	Identifiers of the rich description IDs
displayName	string	Display name of the datasource
sourceState	string	Source state of the Datasource
rootVirtualFolder	string	Identifier of the root virtual folder
agentId	string	Identifier of the agent
agentName	string	Name of the agent
agentLocalURI	string	Agent local URI
labels	array	Labels of the datasource
statistics	object	Statistics of the datasource
dataVersion	number	Data version of the datasource
attributes	object	Datasource Attributes

Parameter	Data Type	Description
extraAttributes	object	Datasource extra attributes
deleted	boolean	Datasource extra attributes
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated

Parameter	Data Type	Description
awsAccessKey	string	AWS S3 acces Attributes list s key
awsSecretKey	string	AWS S3 secret key
awsBucketName	string	AWS S3 bucket name
awsEndpoint	string	AWS S3 Endpoint
awsUriScheme	string	AWS S3 Uri scheme
awsAssumedRole	string	AWS S3 assumed role
awsAdditionalProps	string	AWS S3 additional properties. Should be equal to key=value pairs divided by new line
buckets	array	List of buckets
adlsFileSystem	string	Azure Data Lake Storage (ADLS) File System
adlsAccountName	string	ADLS Account Name
adlsSharedKey	string	ADLS Shared Key
adlsClientId	string	ADLS ClientId
adlsClientSecret	string	ADLS Client Secret
adlsClientEndpoint	string	ADLS Client Endpoint
adlsAdditionalProps	string	ADLS additional props
adlsAuthenticationType	string	ADLS Authentication type
clientId	string	One Drive ClientId

Parameter	Data Type	Description
clientSecret	string	One Drive Client secret
tenantId	string	One Drive tenantId
configurationMethod	string	Configuration Method of the data source
rootPaths	array	List of root paths
coreSiteXML	string	CoresiteXML in string representation
credentials	object	Credentials to connect to the data source
dbName	string	Name of the database
dbVersion	string	Version of the database
dbDriverName	string	Driver name of the database
schemas	array	List of schemas of the database

Update datasource

Update the datasource with provided ID matches with database entity and it returns the updated datasource object.

PUT https://localhost/api/v1/datasources/{id}

Sample Request

curl -v -X PUT "https://localhost/api/v1/datasources/sample-id" -d '{"id": "63048125dd9fee0d5bc9e965", "name": "test", "type": "Database", "sourceType": "Postgres", "sourceURI": "jdbc:vdb://postgres-host:5432/testdb", "description": "This is sample description", "richDescriptionIds": ["607567590ced4472ab23be73"], "displayName": "This is sample display name", "agentName": "local-agent", "agentLocalURI": "hdfs://localhost:8020", "labels": ["Label 1"], "statistics": {}, "attributes": {}, "extraAttributes": {}}'

```
{
    "id": "63048125dd9fee0d5bc9e965",
    "name": "test",
    "type": "Database",
    "sourceType": "Postgres",
    "sourceURI": "jdbc:vdb://postgres-host:5432/testdb",
    "description": "This is sample description",
    "richDescriptionIds": [
```

```
      "607567590ced4472ab23be73"
   ],
   "displayName": "This is sample display name",
   "agentName": "local-agent",
   "agentLocalURI": "hdfs://localhost:8020",
   "labels": [
      "Label 1"
   ],
   "statistics": {},
   "attributes": {},
   "extraAttributes": {}
}
```

Parameter	Type	Data Type	Required	Description
id	path	string	Y	ID of the datasource
id	body	string	N	ID of the Datasource
name	body	string	Y	Name of the datasource
type	body	string	Y	Type of the datasource
sourceType	body	string	Y	Sub Type of the Datasource
sourceURI	body	string	N	Source URI of the datasource
description	body	string	N	Description of the datasource
richDescriptionIds	body	array	N	Identifiers of the rich description ids
displayName	body	string	N	Display name of the datasource
agentName	body	string	N	Name of the agent
agentLocalURI	body	string	N	Agent local URI
labels	body	array	N	Labels of the datasource
statistics	body	object	N	Statistics of the datasource
attributes	body	object	Y	Datasource attributes
extraAttributes	body	object	N	Extra datasource attributes

Sample Response

200 Datasource object

```json
{
  "id": "63048125dd9fee0d5bc9e965",
  "name": "test",
  "type": "Database",
  "sourceType": "Postgres",
  "logicalPath": "1",
  "sourceURI": "jdbc:vdb://postgres-host:5432/testdb",
  "description": "This is sample description",
  "richDescriptionIds": [
    "607567590ced4472ab23be73"
  ],
  "displayName": "This is sample display name",
  "sourceState": "Available",
  "rootVirtualFolder": "607567590ced4472ab23be73",
  "agentId": "607567590ced4472ab23be73",
  "agentName": "local-agent",
  "agentLocalURI": "hdfs://localhost:8020",
  "labels": [
    "Label 1"
  ],
  "statistics": {},
  "dataVersion": 26,
  "attributes": {
    "awsAccessKey": "",
    "awsSecretKey": "",
    "awsBucketName": "",
    "awsEndpoint": "",
    "awsUriScheme": "s3a",
    "awsAssumedRole": "",
    "awsAdditionalProps": "key1=value1\nkey2=value2",
    "buckets": [
      "string"
    ],
    "adlsFileSystem": "",
    "adlsAccountName": "",
    "adlsSharedKey": "",
    "adlsClientId": "",
    "adlsClientSecret": "",
```

```
      "adlsClientEndpoint": "",
      "adlsAdditionalProps": "",
      "adlsAuthenticationType": "",
      "clientId": "",
      "clientSecret": "",
      "tenantId": "",
      "configurationMethod": "",
      "rootPaths": [
        "/"
      ],
      "coreSiteXML": "",
      "dbName": "",
      "dbVersion": "",
      "dbDriverName": "",
      "schemas": [
        "test1",
        "test2"
      ]
    },
    "extraAttributes": {},
    "deleted": false,
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z"
}
```

Parameter	Data Type	Description
id	string	ID of the Datasource
name	string	Name of the datasource
type	string	Type of the datasource
sourceType	string	Sub Type of the Datasource
logicalPath	string	Logical path of the datasource
sourceURI	string	Source URI of the datasource
description	string	Description of the datasource
richDescriptionIds	array	Identifiers of the rich description IDs
displayName	string	Display name of the datasource

Parameter	Data Type	Description
sourceState	string	Source state of the Datasource
rootVirtualFolder	string	Identifier of the root virtual folder
agentId	string	Identifier of the agent
agentName	string	Name of the agent
agentLocalURI	string	Agent local URI
labels	array	Labels of the datasource
statistics	object	Statistics of the datasource
dataVersion	number	Data version of the datasource
attributes	object	Datasource Attributes
extraAttributes	object	Datasource extra attributes
deleted	boolean	Datasource extra attributes
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated

Parameter	Data Type	Description
awsAccessKey	string	AWS S3 access key
awsSecretKey	string	AWS S3 secret key
awsBucketName	string	AWS S3 bucket name
awsEndpoint	string	AWS S3 Endpoint
awsUriScheme	string	AWS S3 Uri scheme
awsAssumedRole	string	AWS S3 assumed role
awsAdditionalProps	string	AWS S3 additional properties. Should be equal to key=value pairs divided by new line
buckets	array	List of buckets

Parameter	Data Type	Description
adlsFileSystem	string	Azure Data Lake Storage (ADLS) File System
adlsAccountName	string	ADLS Account Name
adlsSharedKey	string	ADLS Shared Key
adlsClientId	string	ADLS ClientId
adlsClientSecret	string	ADLS Client Secret
adlsClientEndpoint	string	ADLS Client Endpoint
adlsAdditionalProps	string	ADLS additional props
adlsAuthenticationType	string	ADLS Authentication type
clientId	string	One Drive ClientId
clientSecret	string	One Drive Client secret
tenantId	string	One Drive tenantId
configurationMethod	string	Configuration Method of the data source
rootPaths	array	List of root paths
coreSiteXML	string	CoresiteXML in string representation
credentials	object	Credentials to connect to the data source
dbName	string	Name of the database
dbVersion	string	Version of the database
dbDriverName	string	Driver name of the database
schemas	array	List of schemas of the database

Glossary Management

API to manage Glossary.

Create glossaries in bulk

Create new glossaries in bulk.

POST https://localhost/api/v1/glossaries/bulk

Sample Request

curl -v -X POST "https://localhost/api/v1/glossaries/bulk" -d '[{"color": "#2F45F", "id": "607567590ced4472ab23be73", "description": "Financial Glossary of Hitachi", "displayName": "Financial Glossary", "name": "GlossaryFin", "labels": ["Glossary Fin"], "immutable": false, "richDescriptionIds": ["607567590ced4472ab23be73"], "attributes": {"key": "value"}, "semantic": "UserCreated"}]'

```
[
  {
    "color": "#2F45F",
    "id": "607567590ced4472ab23be73",
    "description": "Financial Glossary of Hitachi",
    "displayName": "Financial Glossary",
    "name": "GlossaryFin",
    "labels": [
      "Glossary Fin"
    ],
    "immutable": false,
    "richDescriptionIds": [
      "607567590ced4472ab23be73"
    ],
    "attributes": {
      "key": "value"
    },
    "semantic": "UserCreated"
  }
]
```

Parameter	Type	Data Type	Required	Description
color	body	string	N	Color of the Glossary
id	body	string	N	Glossary Identifier

Parameter	Type	Data Type	Required	Description
description	body	string	N	Description of the Glossary
displayName	body	string	N	Display name of the Glossary
name	body	string	Y	Name of the Glossary
labels	body	array	N	List of labels for the glossary
immutable	body	boolean	N	Immutable state of the glossary
richDescriptionIds	body	array	N	Identifiers of the rich description ids
attributes	body	object	N	Additional details of the Business Term. Its key value pair e.g {"key":"value"}
semantic	body	string	N	Describe how the Glossary was created. Values are 'UserCreated', 'DiscoveryCreated', 'Imported', 'BuiltIn', 'Flag'

Sample Response

201 List of glossary objects created
```
[
  {
    "id": "633afcaa0b8763c2cea161d8",
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z",
    "attributes": {},
    "color": "#2F45F",
    "description": "Financial Glossary of Hitachi",
    "displayName": "Financial Glossary",
    "name": "GlossaryFin",
    "labels": [
      "string"
    ],
    "immutable": false,
    "richDescriptionIds": [
      "string"
    ],
    "semantic": "UserCreated",
    "beingDeleted": false
  }
]
```

Parameter	Data Type	Description
id	string	Identifier of an entity
timeOfCreation	string	Time of creation for the entity
timeOfLastChange	string	Time of last modification for the entity
attributes	object	Additional details of the Glossary
color	string	Color of the Glossary
description	string	Description of the Glossary
displayName	string	Display name of the Glossary
name	string	Name of the Glossary
labels	array	List of labels for the glossary
immutable	boolean	Immutable state of the glossary
richDescriptionIds	array	Object Ids from the Blobs collection
semantic	string	Describe how the Glossary was created
beingDeleted	boolean	Is Glossary being deleted

Create new glossary

Create a glossary for provided inputs.

POST https://localhost/api/v1/glossaries

Sample Request

curl -v -X POST "https://localhost/api/v1/glossaries" -d '{"color": "#2F45F", "id": "607567590ced4472ab23be73", "description": "Financial Glossary of Hitachi", "displayName": "Financial Glossary", "name": "GlossaryFin", "labels": ["Glossary Fin"], "immutable": false, "richDescriptionIds": ["607567590ced4472ab23be73"], "attributes": {"key": "value"}, "semantic": "UserCreated"}'

```
{
    "color": "#2F45F",
    "id": "607567590ced4472ab23be73",
    "description": "Financial Glossary of Hitachi",
    "displayName": "Financial Glossary",
    "name": "GlossaryFin",
```

```
    "labels": [
        "Glossary Fin"
    ],
    "immutable": false,
    "richDescriptionIds": [
        "607567590ced4472ab23be73"
    ],
    "attributes": {
        "key": "value"
    },
    "semantic": "UserCreated"
}
```

Parameter	Type	Data Type	Required	Description
color	body	string	N	Color of the Glossary
id	body	string	N	Glossary Identifier
description	body	string	N	Description of the Glossary
displayName	body	string	N	Display name of the Glossary
name	body	string	Y	Name of the Glossary
labels	body	array	N	List of labels for the glossary
immutable	body	boolean	N	Immutable state of the glossary
richDescriptionIds	body	array	N	Identifiers of the rich description ids
attributes	body	object	N	Additional details of the Business Term. Its key value pair e.g {"key":"value"}
semantic	body	string	N	Describe how the Glossary was created. Values are 'UserCreated', 'DiscoveryCreated', 'Imported', 'BuiltIn', 'Flag'

Sample Response

201 Created Glossary

```
{
    "id": "607567590ced4472ab23be73",
    "name": "GlossaryFin",
    "description": "Financial Glossary of Hitachi",
    "color": "#2F45F",
    "dataVersion": 26,
    "type": "BusinessGlossary",
    "logicalPath": "GlossaryFin",
    "displayName": "Financial Glossary",
    "immutable": false,
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z",
    "attributes": {
        "key": "value"
    },
    "semantic": "UserCreated",
    "labels": [
        "Glossary Fin"
    ],
    "richDescriptionIds": [
        "607567590ced4472ab23be73"
    ]
}
```

Parameter	Data Type	Description
id	string	Glossary Identifier
name	string	Name of the Glossary
description	string	Description of the Glossary
color	string	Color of the Glossary
dataVersion	integer	Version of the Glossary
type	string	The type is constant here, which is 'BusinessDomain
logicalPath	string	Logical path of the Glossary
displayName	string	Display name of the Glossary

Parameter	Data Type	Description
immutable	boolean	Immutable state of the glossary
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated
attributes	object	Additional details of the Business Term. Its key value pair e.g {"key":"value"}
semantic	string	Describe how the Glossary was created. Values are 'UserCreated', 'DiscoveryCreated', 'Imported', 'BuiltIn', 'Flag'
labels	array	List of labels for the glossary
richDescriptionIds	array	Identifiers of the rich description ids

Delete glossary

Delete an existing glossary by ID.

DELETE https://localhost/api/v1/glossaries/{id}

Sample Request

curl -v -X DELETE "https://localhost/api/v1/glossaries/sample-id"

Parameter	Type	Data Type	Required	Description
id	path	string	Y	ID of the Glossary

Sample Response

202 Job submission response

```
{
    "templateKey": "633acc8855c17b0b531082f5",
    "jobInstanceKey": "633acc95c16bd1274f774f2f",
    "status": "SUCCESS",
    "message": "Successfully triggered the job"
}
```

Parameter	Data Type	Description
templateKey	string	Template ID using which the job is triggered
jobInstanceKey	string	Triggered job ID
status	string	Job execution status
message	string	Message

Fetch glossaries with search criteria

Fetch glossaries with filter, sort, page size and page number.

POST https://localhost/api/v1/glossaries/search

Sample Request

curl -v -X POST "https://localhost/api/v1/glossaries/search" -d '{"filters": {}, "page": {"index": 0, "size": 25}, "sort": {"columns": {"name": "_id", "direction": "DESC"}}}'

```
{
    "filters": {},
    "page": {
        "index": 0,
        "size": 25
    },
    "sort": {
        "columns": {
            "name": "_id",
            "direction": "DESC"
        }
    }
}
```

Parameter	Type	Data Type	Required	Description
filters	body	object	N	Filters to apply during the search operation
page	body	object	N	Pagination details
sort	body	object	N	Sorting details

Parameter	Type	Data Type	Required	Description
index	body	integer	N	Index of the page that you want to retrieve
size	body	integer	N	Number of records per page
columns	body	array	N	List of sortable columns

Sample Response

200 Paginated response

```
{
    "totalCount": 60,
    "list": [
        {
            "id": "607567590ced4472ab23be73",
            "name": "GlossaryFin",
            "description": "Financial Glossary of Hitachi",
            "color": "#2F45F",
            "dataVersion": 26,
            "type": "BusinessGlossary",
            "logicalPath": "GlossaryFin",
            "displayName": "Financial Glossary",
            "immutable": false,
            "timeOfCreation": "2022-03-10T16:15:50Z",
            "timeOfLastChange": "2022-03-10T16:15:50Z",
            "attributes": {},
            "semantic": "UserCreated",
            "labels": [
                "Glossary Fin"
            ],
            "richDescriptionIds": [
                "607567590ced4472ab23be73"
            ]
        }
    ],
    "sortableFields": [
        "id"
    ],
    "currentPage": 1,
    "totalPages": 6
}
```

Parameter	Data Type	Description
totalCount	integer	The total number of results found in the request.
list	array	Glossary list
sortableFields	array	The list of fields using which the data in the list is sorted
currentPage	integer	Index of the currentPage
totalPages	integer	Total number of pages available for the filter

Get glossary by name

Fetch an existing glossary by name.

GET https://localhost/api/v1/glossaries/name/{name}

Sample Request

curl -v -X GET "https://localhost/api/v1/glossaries/name/sample-name"

Parameter	Type	Data Type	Required	Description
name	path	string	Y	Name of the Glossary

Sample Response

200 Fetched Glossary by name

```
{
    "id": "607567590ced4472ab23be73",
    "name": "GlossaryFin",
    "description": "Financial Glossary of Hitachi",
    "color": "#2F45F",
    "dataVersion": 26,
    "type": "BusinessGlossary",
    "logicalPath": "GlossaryFin",
    "displayName": "Financial Glossary",
    "immutable": false,
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z",
    "attributes": {
        "key": "value"
```

```
    },
    "semantic": "UserCreated",
    "labels": [
        "Glossary Fin"
    ],
    "richDescriptionIds": [
        "607567590ced4472ab23be73"
    ]
}
```

Parameter	Data Type	Description
id	string	Glossary Identifier
name	string	Name of the Glossary
description	string	Description of the Glossary
color	string	Color of the Glossary
dataVersion	integer	Version of the Glossary
type	string	The type is constant here, which is 'BusinessDomain
logicalPath	string	Logical path of the Glossary
displayName	string	Display name of the Glossary
immutable	boolean	Immutable state of the glossary
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated
attributes	object	Additional details of the Business Term. Its key value pair e.g {"key":"value"}
semantic	string	Describe how the Glossary was created. Values are 'UserCreated', 'DiscoveryCreated', 'Imported', 'BuiltIn', 'Flag'
labels	array	List of labels for the glossary
richDescriptionIds	array	Identifiers of the rich description ids

Get glossary by ID

Fetch an existing glossary by ID.

GET https://localhost/api/v1/glossaries/{id}

Sample Request

curl -v -X GET "https://localhost/api/v1/glossaries/sample-id"

Parameter	Type	Data Type	Required	Description
id	path	string	Y	ID of the Glossary

Sample Response

200 Fetched Glossary by ID

```
{
    "id": "607567590ced4472ab23be73",
    "name": "GlossaryFin",
    "description": "Financial Glossary of Hitachi",
    "color": "#2F45F",
    "dataVersion": 26,
    "type": "BusinessGlossary",
    "logicalPath": "GlossaryFin",
    "displayName": "Financial Glossary",
    "immutable": false,
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z",
    "attributes": {
        "key": "value"
    },
    "semantic": "UserCreated",
    "labels": [
        "Glossary Fin"
    ],
    "richDescriptionIds": [
        "607567590ced4472ab23be73"
    ]
}
```

Parameter	Data Type	Description
id	string	Glossary Identifier
name	string	Name of the Glossary
description	string	Description of the Glossary
color	string	Color of the Glossary
dataVersion	integer	Version of the Glossary
type	string	The type is constant here, which is 'BusinessDomain
logicalPath	string	Logical path of the Glossary
displayName	string	Display name of the Glossary
immutable	boolean	Immutable state of the glossary
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated
attributes	object	Additional details of the Business Term. Its key value pair e.g {"key":"value"}
semantic	string	Describe how the Glossary was created. Values are 'UserCreated', 'DiscoveryCreated', 'Imported', 'BuiltIn', 'Flag'
labels	array	List of labels for the glossary
richDescriptionIds	array	Identifiers of the rich description ids

Initiate import glossary job

Initiate import job and return ImportJobResponse object which includes response message and jobId.

POST https://localhost/api/v1/glossaries/import

Sample Request

curl -v -X POST "https://localhost/api/v1/glossaries/import" -F '"overwrite=@sample-file.txt;text/plain"'

Parameter	Type	Data Type	Required	Description
file	body	string	Y	Input file to be uploaded
overwrite	body	boolean	Y	Overwrite flag to inform the server to overwrite the record if it exists

Sample Response

202 Job submission response for Glossary importModel job

```
{
    "templateKey": "633acc8855c17b0b531082f5",
    "jobInstanceKey": "633acc95c16bd1274f774f2f",
    "status": "SUCCESS",
    "message": "Successfully triggered the job"
}
```

Parameter	Data Type	Description
templateKey	string	Template ID using which the job is triggered
jobInstanceKey	string	Triggered job ID
status	string	Job execution status
message	string	Message

Update glossaries in bulk

Update existing glossaries in bulk.

PUT https://localhost/api/v1/glossaries/bulk

Sample Request

curl -v -X PUT "https://localhost/api/v1/glossaries/bulk" -d '[{"color": "#2F45F", "id": "607567590ced4472ab23be73", "description": "Financial Glossary of Hitachi", "displayName": "Financial Glossary", "name": "GlossaryFin", "labels": ["Glossary Fin"], "immutable": false, "richDescriptionIds": ["607567590ced4472ab23be73"], "attributes": {"key": "value"}, "semantic": "UserCreated"}]'

```
[
  {
    "color": "#2F45F",
    "id": "607567590ced4472ab23be73",
    "description": "Financial Glossary of Hitachi",
    "displayName": "Financial Glossary",
    "name": "GlossaryFin",
    "labels": [
      "Glossary Fin"
    ],
    "immutable": false,
    "richDescriptionIds": [
      "607567590ced4472ab23be73"
    ],
    "attributes": {
      "key": "value"
    },
    "semantic": "UserCreated"
  }
]
```

Parameter	Type	Data Type	Required	Description
color	body	string	N	Color of the Glossary
id	body	string	N	Glossary Identifier
description	body	string	N	Description of the Glossary
displayName	body	string	N	Display name of the Glossary
name	body	string	Y	Name of the Glossary

Parameter	Type	Data Type	Required	Description
labels	body	array	N	List of labels for the glossary
immutable	body	boolean	N	Immutable state of the glossary
richDescriptionIds	body	array	N	Identifiers of the rich description ids
attributes	body	object	N	Additional details of the Business Term. Its key value pair e.g {"key":"value"}
semantic	body	string	N	Describe how the Glossary was created. Values are 'UserCreated', 'DiscoveryCreated', 'Imported', 'BuiltIn', 'Flag'

Sample Response

200 List of glossary objects updated

```
[
  {
    "id": "633afcaa0b8763c2cea161d8",
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z",
    "attributes": {},
    "color": "#2F45F",
    "description": "Financial Glossary of Hitachi",
    "displayName": "Financial Glossary",
    "name": "GlossaryFin",
    "labels": [
      "string"
    ],
    "immutable": false,
    "richDescriptionIds": [
      "string"
    ],
    "semantic": "UserCreated",
    "beingDeleted": false
  }
]
```

Parameter	Data Type	Description
id	string	Identifier of an entity
timeOfCreation	string	Time of creation for the entity
timeOfLastChange	string	Time of last modification for the entity
attributes	object	Additional details of the Glossary
color	string	Color of the Glossary
description	string	Description of the Glossary
displayName	string	Display name of the Glossary
name	string	Name of the Glossary
labels	array	List of labels for the glossary
immutable	boolean	Immutable state of the glossary
richDescriptionIds	array	ObjectIds from the Blobs collection
semantic	string	Describe how the Glossary was created
beingDeleted	boolean	Is Glossary being deleted

Update glossary by ID

Update an existing glossary by ID.

PUT https://localhost/api/v1/glossaries/{id}

Sample Request

curl -v -X PUT "https://localhost/api/v1/glossaries/sample-id" -d '{"color": "#2F45F", "id": "607567590ced4472ab23be73", "description": "Financial Glossary of Hitachi", "displayName": "Financial Glossary", "name": "GlossaryFin", "labels": ["Glossary Fin"], "immutable": false, "richDescriptionIds": ["607567590ced4472ab23be73"], "attributes": {"key": "value"}, "semantic": "UserCreated"}'

```
{
    "color": "#2F45F",
    "id": "607567590ced4472ab23be73",
    "description": "Financial Glossary of Hitachi",
    "displayName": "Financial Glossary",
    "name": "GlossaryFin",
```

```
   "labels": [
       "Glossary Fin"
   ],
   "immutable": false,
   "richDescriptionIds": [
       "607567590ced4472ab23be73"
   ],
   "attributes": {
       "key": "value"
   },
   "semantic": "UserCreated"
}
```

Parameter	Type	Data Type	Required	Description
id	path	string	Y	ID of the Glossary
color	body	string	N	Color of the Glossary
id	body	string	N	Glossary Identifier
description	body	string	N	Description of the Glossary
displayName	body	string	N	Display name of the Glossary
name	body	string	Y	Name of the Glossary
labels	body	array	N	List of labels for the glossary
immutable	body	boolean	N	Immutable state of the glossary
richDescriptionIds	body	array	N	Identifiers of the rich description ids
attributes	body	object	N	Additional details of the Business Term. Its key value pair e.g {"key":"value"}
semantic	body	string	N	Describe how the Glossary was created. Values are 'UserCreated', 'DiscoveryCreated', 'Imported', 'BuiltIn', 'Flag'

Sample Response

200 Updated Glossary

```json
{
  "id": "607567590ced4472ab23be73",
  "name": "GlossaryFin",
  "description": "Financial Glossary of Hitachi",
  "color": "#2F45F",
  "dataVersion": 26,
  "type": "BusinessGlossary",
  "logicalPath": "GlossaryFin",
  "displayName": "Financial Glossary",
  "immutable": false,
  "timeOfCreation": "2022-03-10T16:15:50Z",
  "timeOfLastChange": "2022-03-10T16:15:50Z",
  "attributes": {
    "key": "value"
  },
  "semantic": "UserCreated",
  "labels": [
    "Glossary Fin"
  ],
  "richDescriptionIds": [
    "607567590ced4472ab23be73"
  ]
}
```

Parameter	Data Type	Description
id	string	Glossary Identifier
name	string	Name of the Glossary
description	string	Description of the Glossary
color	string	Color of the Glossary
dataVersion	integer	Version of the Glossary
type	string	The type is constant here, which is 'BusinessDomain
logicalPath	string	Logical path of the Glossary
displayName	string	Display name of the Glossary

Parameter	Data Type	Description
immutable	boolean	Immutable state of the glossary
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated
attributes	object	Additional details of the Business Term. Its key value pair e.g {"key":"value"}
semantic	string	Describe how the Glossary was created. Values are 'UserCreated', 'DiscoveryCreated', 'Imported', 'BuiltIn', 'Flag'
labels	array	List of labels for the glossary
richDescriptionIds	array	Identifiers of the rich description ids

Job Management

API to initiate a job and to get the status of running jobs.

Get job status

Accept the job id and return the job status.

GET https://localhost/api/v1/jobs/status/{id}

Sample Request

curl -v -X GET "https://localhost/api/v1/jobs/status/sample-id"

Parameter	Type	Data Type	Required	Description
id	path	string	Y	Job ID

Sample Response

200 Job instance entity

```
{
    "id": "62e845108f2169746f9fc2b7",
    "attributes": "{\"agent_key : \"local-agent}",
    "backgroundTaskType": "ENTITY_CREATE",
    "cliArguments": "--driver-memory 6g",
    "elapsedTime": 5,
    "jobAgentId": "633ad2aba35b7c6b34db380d",
    "jobAssetList": [
        "61f23dfec5a8758a63d6688b"
    ],
    "jobAssetPaths": [
        "NA"
    ],
    "jobAssetType": "Glossary",
    "jobExecState": "SUCCESS",
    "jobInstanceType": "SPARK_JOB",
    "jobSequenceId": "633ad205113ff497f6c70cbf",
    "jobSequenceName": "seedBuiltinTags",
    "jobTemplateId": "633adb18a35b7c6b34db3fff",
    "jobTemplateName": "template name",
    "principal": "633adadca35b7c6b34db3dde",
    "jobExecutions": [
        {
```

```
        "sparkEventLogDir": "/",
        "sparkHistoryServer": [],
        "startTime": "2022-03-10T16:15:50Z",
        "executionPath": "/",
        "endTime": "2022-03-10T18:15:50Z",
        "datasourceId": "633bdf906be3075d5c032bc4"
      }
  ],
  "skippedCount": []
}
```

Parameter	Data Type	Description
id	string	Identifier of the job instance
attributes	object	Extra attributes
backgroundTaskType	string	Background job type
cliArguments	string	Extra arguments sent to the job
elapsedTime	number	Time took to complete the job
jobAgentId	string	Agent ID
jobAssetList	array	Job asset list
jobAssetPaths	array	Job asset paths
jobAssetType	string	Job asset type
jobExecState	string	Job status
jobInstanceType	string	Job instance type
jobSequenceId	string	Job sequence ID
jobSequenceName	string	Job sequence name
jobTemplateId	string	Job template ID
jobTemplateName	string	Job template name
principal	string	User ID
jobExecutions	array	Job steps

Parameter	Data Type	Description
skippedCount	integer	Skipped count

Parameter	Data Type	Description
jobExecState	object	Job execution state
sparkEventLogDir	string	Spark event log directory
sparkHistoryServer	array	Spark history server URL
startTime	string	Job start time
totalSize	number	Total size of the dataset
executionPath	string	Execution path
endTime	string	Job end time
successCount	number	Success count
skippedCount	number	Skipped count
incompleteCount	number	Incomplete count
tagAssociationInsertedCount	number	Term associations inserted count
tagAssociationRemovedCount	number	Term associations removed count
lineageInsertedCount	number	Lineages inserted count
resourcesImpactedCount	number	Dataentities impacted count
resourcesAddedCount	number	Dataentities inserted count
resourcesDeletedCount	number	Dataentities deleted count
virtualFoldersDeletedCount	number	Virtual folders deleted count
collectionsDiscovered	number	Collections discovered count
collectionsUpdated	number	Collections updated count

Parameter	Data Type	Description
collectionsInvalidated	number	Collections invalidated count
relationshipsCreated	number	Relationships created count
relationshipsUpdated	number	relationships updated count
relationshipsRemoved	number	Relationships deleted count
relationshipsErrors	number	Relationships error count
attributes	object	Job execution extra attributes
datasourceId	string	Datasource ID

Initiate job

Initiate a job and returns jobId.

POST https://localhost/api/v1/jobs/execute

Sample Request

curl -v -X POST "https://localhost/api/v1/jobs/execute" -d '{"agentKey": "ldc-agent", "sparkJob": "",
"jobSequence": "", "asset": "", "cliArguments": "--driver-memory 6g"}'

```
{
    "agentKey": "ldc-agent",
    "sparkJob": "",
    "jobSequence": "",
    "asset": "",
    "cliArguments": "--driver-memory 6g"
}
```

Parameter	Type	Data Type	Required	Description
agentKey	body	string	N	Agent Name. Defaults to default agent in case of background jobs.
sparkJob	body	object	Y	Job type information.
jobSequence	body	object	Y	Job sequence
asset	body	object	Y	Asset information
cliArguments	body	string	N	Extra job arguments

Sample Response

202 Job Initiated

```
{
    "templateKey": "633acc8855c17b0b531082f5",
    "jobInstanceKey": "633acc95c16bd1274f774f2f",
    "status": "SUCCESS",
    "message": "Successfully triggered the job"
}
```

Parameter	Data Type	Description
templateKey	string	Template ID using which the job is triggered
jobInstanceKey	string	Triggered job ID
status	string	Job execution status
message	string	Message

Lineage Management

API to manage lineages.

Add multiple sources

Add multiple sources to one or many existing lineages (operation execution).

POST https://localhost/api/v1/lineages/addSources

Sample Request

curl -v -X POST "https://localhost/api/v1/lineages/addSources" -d '[{"sourceDataSourceName": "s3minio", "dataResourcePath": "/other/biostats.csv", "operationExecutionId": "63160da316cebd79a63b3260", "lineageState": "ACCEPTED"}]'

```
[
  {
    "sourceDataSourceName": "s3minio",
    "dataResourcePath": "/other/biostats.csv",
    "operationExecutionId": "63160da316cebd79a63b3260",
    "lineageState": "ACCEPTED"
  }
]
```

Parameter	Type	Data Type	Required	Description
sourceDataSourceName	body	string	Y	Name of the Data Source to which the entity belongs. Data source will be added to the Existing Lineage
dataResourcePath	body	string	Y	Path of the Data Entity(Resource), which is to be added as a new Source, to an Existing Lineage.
operationExecutionId	body	string	Y	ID of the Operation Execution to which this new source is to be added.
lineageState	body	string	N	State of the lineage.

Sample Response

200 Add multiples sources to the provided Operation Execution

204 No Content

Add new resource to lineage

Add a new source to an existing lineage (operation execution).

POST https://localhost/api/v1/lineages/addSource

Sample Request

curl -v -X POST "https://localhost/api/v1/lineages/addSource" -d '{"sourceDataSourceName": "s3minio",
"dataResourcePath": "/other/biostats.csv", "operationExecutionId": "63160da316cebd79a63b3260",
"lineageState": "ACCEPTED"}'

```
{
    "sourceDataSourceName": "s3minio",
    "dataResourcePath": "/other/biostats.csv",
    "operationExecutionId": "63160da316cebd79a63b3260",
    "lineageState": "ACCEPTED"
}
```

Parameter	Type	Data Type	Required	Description
sourceDataSourceName	body	string	Y	Name of the Data Source to which the entity belongs. Data source will be added to the Existing Lineage
dataResourcePath	body	string	Y	Path of the Data Entity(Resource), which is to be added as a new Source, to an Existing Lineage.
operationExecutionId	body	string	Y	ID of the Operation Execution to which this new source is to be added.
lineageState	body	string	N	State of the lineage.

Sample Response

202 Operation execution object.

```
{
    "type": "operationexecution",
    "operationExecutionId": "63160da316cebd79a63b3260",
    "operation": "63160da316cebd79a63b3232",
    "lineageExecType": "Resource",
    "sourceDataSourceName": "s3minio",
    "sourceEntityPath": "/other/biostats.csv",
```

```
  "operationInputIds": "[\"63160da316cebd79a63b3260\",\"63160da316cebd79a63b3261\"]",
  "operationInputSourceIds": "[\"63160da316cebd79a63b3243\"]",
  "operationOutputIds": "[\"63160da316cebd79a63b3279\"]",
  "operationInputEdgeIds": "[\"63160da316cebd79a63b2145\",\"63160da316cebd79a63b3278\"]",
  "targetDataSourceName": "s3minio",
  "targetEntityPath": "/random/mlb_players.csv",
  "description": "Primary lineage: SUPERSET",
  "lineageType": "HDFS2HIVE",
  "lineageKind": "API",
  "lineageExecState": "ACCEPTED",
  "principal": "joe_steward",
  "lineageNodeComment": "Lineage Node Comment.",
  "resourceLineageExec": "63160da316cebd79a63b3260",
  "lineageExecExpression": "Lineage Execution Expression.",
  "lineageExecFilterCondition": "Filter by...",
  "lineageExecJoinCondition": "Join by...",
  "lineageExecGroupByCondition": "Group by ....",
  "resourceId": "63160da316cebd79a63C5463",
  "executionId": "63160da316cebd79a63V0965",
  "lineageExternalId": "63160da316cebd79a63V0965",
  "lineageExternalSource": "ATLAS",
  "lineageExecCode": "Name=Name",
  "overlapCount": 4,
  "attributes": {},
  "timeOfCreation": "2022-03-10T16:15:50Z",
  "timeOfLastChange": "2022-03-10T16:15:50Z"
}
```

Parameter	Data Type	Description
type	string	Data Type of the operation execution.
operationExecutionId	string	ID of the operation execution.
operation	string	ID of the Operation.
lineageExecType	string	Type of the operation execution.
sourceDataSourceName	string	Name of the Source Data Source.
sourceEntityPath	string	Path of the Source Entity.
operationInputIds	string	Set of Operation Input Ids.

Parameter	Data Type	Description
operationInputSourceIds	string	Set of Operation Input Source Ids.
operationOutputIds	string	Set of Operation Output Source Ids.
operationInputEdgeIds	string	Set of Operation Input Edge Ids.
targetDataSourceName	string	Name of the Target Data Source.
targetEntityPath	string	Path of Target Entity.
description	string	Description of the lineage.
lineageType	string	Type of the Lineage.
lineageKind	string	Kind of the Lineage.
lineageExecState	string	State of the Lineage Edge.
principal	string	Principal(User Name) creating the lineage.
lineageNodeComment	string	Comment on the Lineage(Operation Execution) Node.
resourceLineageExec	string	Resource Lineage Execution.
lineageExecExpression	string	Lineage execution expression.
lineageExecFilterCondition	string	Lineage Execution Filter Condition.
lineageExecJoinCondition	string	Lineage Execution Join Condition.
lineageExecGroupByCondition	string	Lineage Execution Group by Condition.
resourceId	string	Lineage Resource ID.
executionId	string	Lineage ID from External Source.
lineageExternalId	string	Lineage ID from External Source.
lineageExternalSource	string	Name of the External Source from where the Lineage is imported.
lineageExecCode	string	Code on the Operation Execution.
overlapCount	integer	Overlap count of the Lineage Edge.

Parameter	Data Type	Description
attributes	object	Additional attributes of the operation execution.
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated

Create resource/field level lineage in bulk

Create the lineage with provided details and return the lineage entity list.

POST https://localhost/api/v1/lineages/bulk

Sample Request

curl -v -X POST "https://localhost/api/v1/lineages/bulk" -d '[{"lineageExecType": "",
"sourceDataSourceName": "s3minio", "sourceEntityPath": "/random/sourceFile.csv",
"targetDataSourceName": "s3minio", "targetEntityPath": "/other/targetFile.csv", "description": "Primary
lineage: SUPERSET", "lineageType": "FACTUAL", "lineageKind": "API", "lineageExecState": "ACCEPTED",
"lineageEdgeComment": "Lineage Edge Comment.", "lineageNodeComment": "Lineage Node
Comment.", "resourceLineageExec": "607567590ced4472ab23be65", "lineageExecExpression": "Lineage
execution expression", "lineageExecFilterCondition": "Filter by...", "lineageExecJoinCondition": "Join...",
"lineageExecGroupByCondition": "Group by ....", "lineageExternalId": "63871a76d1b75f956be23548",
"lineageExternalSource": "ATLAS", "lineageExecCode": "Name=Name", "overlapCount": 4, "attributes":
{}}]'

```
[
  {
    "lineageExecType": "",
    "sourceDataSourceName": "s3minio",
    "sourceEntityPath": "/random/sourceFile.csv",
    "targetDataSourceName": "s3minio",
    "targetEntityPath": "/other/targetFile.csv",
    "description": "Primary lineage: SUPERSET",
    "lineageType": "FACTUAL",
    "lineageKind": "API",
    "lineageExecState": "ACCEPTED",
    "lineageEdgeComment": "Lineage Edge Comment.",
    "lineageNodeComment": "Lineage Node Comment.",
    "resourceLineageExec": "607567590ced4472ab23be65",
    "lineageExecExpression": "Lineage execution expression",
    "lineageExecFilterCondition": "Filter by...",
```

```
    "lineageExecJoinCondition": "Join...",
    "lineageExecGroupByCondition": "Group by ....",
    "lineageExternalId": "63871a76d1b75f956be23548",
    "lineageExternalSource": "ATLAS",
    "lineageExecCode": "Name=Name",
    "overlapCount": 4,
    "attributes": {}
  }
]
```

Parameter	Type	Data Type	Required	Description
lineageExecType	body	string	Y	Type of Lineage to be created. Values can be Resource or Field.
sourceDataSourceName	body	string	Y	Source Data Source name of the source entity of the lineage.
sourceEntityPath	body	string	Y	Source Entity Path of the source entity of the lineage.
targetDataSourceName	body	string	Y	Target Data Source name of the target entity of the lineage.
targetEntityPath	body	string	Y	Target Entity Path of the target entity of the lineage.
description	body	string	N	Description of the lineage.
lineageType	body	string	N	Type of the lineage. Values can be INFERRED,INFERRED_ALTERNATIVE,FACTUAL, * IMPORTED,HDFS2HIVE,OTHER. Lineages manually created should however be called FACTUAL.
lineageKind	body	string	N	Kind of the lineage. Values can be API,MANUAL,COPY,PARTIAL_COPY,JOIN,UNION,UNION_PART,MASK, * ENCRYPT,STANDARDIZE,"CALCULATION,SUBSET,SUPERSET,HIVE_EXTERNAL,OTHER. Lineages created via LDC Public APIsshould be of API/MANUAL kind.

Parameter	Type	Data Type	Required	Description
lineageExecState	body	string	N	State of the lineage. Values can be ACCEPTED or REJECTED or SUGGESTED. Lineages created via Public API can be either ACCEPTED or REJECTED.
lineageEdgeComment	body	string	N	Comment on the Lineage (Operation)Edge.
lineageNodeComment	body	string	N	Comment on the Lineage(Operation Execution) Node.
resourceLineageExec	body	string	N	Data entity ID.
lineageExecExpression	body	string	N	Lineage execution expression.
lineageExecFilterCondition	body	string	N	Lineage Execution Filter Condition.
lineageExecJoinCondition	body	string	N	Lineage Execution Join Condition.
lineageExecGroupByCondition	body	string	N	Lineage Execution Group by Condition.
lineageExternalId	body	string	N	Lineage ID from External Source.
lineageExternalSource	body	string	N	Name of the External Source from where the Lineage is imported.
lineageExecCode	body	string	N	Code of the Lineage(Operation) Execution.
overlapCount	body	number	N	Overlap count of the Lineage Edge.
attributes	body	object	N	Attributes of the Lineage(Operation Execution)

Sample Response

201 Created Operation Execution entities

204 No Content

Create resource/field level lineage

Create the lineage with provided details and return lineage entity.

POST https://localhost/api/v1/lineages

Sample Request

curl -v -X POST "https://localhost/api/v1/lineages" -d '{"lineageExecType": "", "sourceDataSourceName": "s3minio", "sourceEntityPath": "/random/sourceFile.csv", "targetDataSourceName": "s3minio", "targetEntityPath": "/other/targetFile.csv", "description": "Primary lineage: SUPERSET", "lineageType": "FACTUAL", "lineageKind": "API", "lineageExecState": "ACCEPTED", "lineageEdgeComment": "Lineage Edge Comment.", "lineageNodeComment": "Lineage Node Comment.", "resourceLineageExec": "607567590ced4472ab23be65", "lineageExecExpression": "Lineage execution expression", "lineageExecFilterCondition": "Filter by...", "lineageExecJoinCondition": "Join...", "lineageExecGroupByCondition": "Group by ....", "lineageExternalId": "63871a76d1b75f956be23548", "lineageExternalSource": "ATLAS", "lineageExecCode": "Name=Name", "overlapCount": 4, "attributes": {}}'

```
{
   "lineageExecType": "",
   "sourceDataSourceName": "s3minio",
   "sourceEntityPath": "/random/sourceFile.csv",
   "targetDataSourceName": "s3minio",
   "targetEntityPath": "/other/targetFile.csv",
   "description": "Primary lineage: SUPERSET",
   "lineageType": "FACTUAL",
   "lineageKind": "API",
   "lineageExecState": "ACCEPTED",
   "lineageEdgeComment": "Lineage Edge Comment.",
   "lineageNodeComment": "Lineage Node Comment.",
   "resourceLineageExec": "607567590ced4472ab23be65",
   "lineageExecExpression": "Lineage execution expression",
   "lineageExecFilterCondition": "Filter by...",
   "lineageExecJoinCondition": "Join...",
   "lineageExecGroupByCondition": "Group by ....",
   "lineageExternalId": "63871a76d1b75f956be23548",
   "lineageExternalSource": "ATLAS",
   "lineageExecCode": "Name=Name",
   "overlapCount": 4,
   "attributes": {}
}
```

Parameter	Type	Data Type	Required	Description
lineageExecType	body	string	Y	Type of Lineage to be created. Values can be Resource or Field.
sourceDataSourceName	body	string	Y	Source Data Source name of the source entity of the lineage.
sourceEntityPath	body	string	Y	Source Entity Path of the source entity of the lineage.
targetDataSourceName	body	string	Y	Target Data Source name of the target entity of the lineage.
targetEntityPath	body	string	Y	Target Entity Path of the target entity of the lineage.
description	body	string	N	Description of the lineage.
lineageType	body	string	N	Type of the lineage. Values can be INFERRED,INFERRED_ALTERNATIVE,FACTUAL, * IMPORTED,HDFS2HIVE,OTHER. Lineages manually created should however be called FACTUAL.
lineageKind	body	string	N	Kind of the lineage. Values can be API,MANUAL,COPY,PARTIAL_COPY,JOIN,UNION,UNION_PART,MASK, * ENCRYPT,STANDARDIZE,"CALCULATION,SUBSET,SUPERSET,HIVE_EXTERNAL,OTHER. Lineages created via LDC Public APIsshould be of API/MANUAL kind.
lineageExecState	body	string	N	State of the lineage. Values can be ACCEPTED or REJECTED or SUGGESTED. Lineages created via Public API can be either ACCEPTED or REJECTED.
lineageEdgeComment	body	string	N	Comment on the Lineage (Operation)Edge.

Parameter	Type	Data Type	Required	Description
lineageNodeComment	body	string	N	Comment on the Lineage(Operation Execution) Node.
resourceLineageExec	body	string	N	Data entity ID.
lineageExecExpression	body	string	N	Lineage execution expression.
lineageExecFilterCondition	body	string	N	Lineage Execution Filter Condition.
lineageExecJoinCondition	body	string	N	Lineage Execution Join Condition.
lineageExecGroupByCondition	body	string	N	Lineage Execution Group by Condition.
lineageExternalId	body	string	N	Lineage ID from External Source.
lineageExternalSource	body	string	N	Name of the External Source from where the Lineage is imported.
lineageExecCode	body	string	N	Code of the Lineage(Operation) Execution.
overlapCount	body	number	N	Overlap count of the Lineage Edge.
attributes	body	object	N	Attributes of the Lineage(Operation Execution)

Sample Response

201 Created Operation Execution entity

```
{
   "type": "operationexecution",
   "operationExecutionId": "63160da316cebd79a63b3260",
   "operation": "63160da316cebd79a63b3232",
   "lineageExecType": "Resource",
   "sourceDataSourceName": "s3minio",
   "sourceEntityPath": "/other/biostats.csv",
   "operationInputIds": "[\"63160da316cebd79a63b3260\",\"63160da316cebd79a63b3261\"]",
   "operationInputSourceIds": "[\"63160da316cebd79a63b3243\"]",
   "operationOutputIds": "[\"63160da316cebd79a63b3279\"]",
```

    "operationInputEdgeIds": "[\"63160da316cebd79a63b2145\",\"63160da316cebd79a63b3278\"]",
    "targetDataSourceName": "s3minio",
    "targetEntityPath": "/random/mlb_players.csv",
    "description": "Primary lineage: SUPERSET",
    "lineageType": "HDFS2HIVE",
    "lineageKind": "API",
    "lineageExecState": "ACCEPTED",
    "principal": "joe_steward",
    "lineageNodeComment": "Lineage Node Comment.",
    "resourceLineageExec": "63160da316cebd79a63b3260",
    "lineageExecExpression": "Lineage Execution Expression.",
    "lineageExecFilterCondition": "Filter by...",
    "lineageExecJoinCondition": "Join by...",
    "lineageExecGroupByCondition": "Group by ....",
    "resourceId": "63160da316cebd79a63C5463",
    "executionId": "63160da316cebd79a63V0965",
    "lineageExternalId": "63160da316cebd79a63V0965",
    "lineageExternalSource": "ATLAS",
    "lineageExecCode": "Name=Name",
    "overlapCount": 4,
    "attributes": {},
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z"
}

Parameter	Data Type	Description
type	string	Data Type of the operation execution.
operationExecutionId	string	ID of the operation execution.
operation	string	ID of the Operation.
lineageExecType	string	Type of the operation execution.
sourceDataSourceName	string	Name of the Source Data Source.
sourceEntityPath	string	Path of the Source Entity.
operationInputIds	string	Set of Operation Input Ids.
operationInputSourceIds	string	Set of Operation Input Source Ids.

Parameter	Data Type	Description
operationOutputIds	string	Set of Operation Output Source Ids.
operationInputEdgeIds	string	Set of Operation Input Edge Ids.
targetDataSourceName	string	Name of the Target Data Source.
targetEntityPath	string	Path of Target Entity.
description	string	Description of the lineage.
lineageType	string	Type of the Lineage.
lineageKind	string	Kind of the Lineage.
lineageExecState	string	State of the Lineage Edge.
principal	string	Principal(User Name) creating the lineage.
lineageNodeComment	string	Comment on the Lineage(Operation Execution) Node.
resourceLineageExec	string	Resource Lineage Execution.
lineageExecExpression	string	Lineage execution expression.
lineageExecFilterCondition	string	Lineage Execution Filter Condition.
lineageExecJoinCondition	string	Lineage Execution Join Condition.
lineageExecGroupByCondition	string	Lineage Execution Group by Condition.
resourceId	string	Lineage Resource ID.
executionId	string	Lineage ID from External Source.
lineageExternalId	string	Lineage ID from External Source.
lineageExternalSource	string	Name of the External Source from where the Lineage is imported.
lineageExecCode	string	Code on the Operation Execution.
overlapCount	integer	Overlap count of the Lineage Edge.
attributes	object	Additional attributes of the operation execution.

Parameter	Data Type	Description
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated

Fetch lineage graph by anchor resource

Fetch a Lineage Graph for an anchor resource with upstream and downstream.

GET https://localhost/api/v1/lineages/multihop/{anchorResourceId}

Sample Request

curl -v -X GET "https://localhost/api/v1/lineages/multihop/sample-anchorResourceId?downstream=0&fieldLineage=false&lineageExecState=sample-lineageExecState&upstream=0"

Parameter	Type	Data Type	Required	Description
anchorResourceId	path	string	Y	Anchor resource ID
downstream	query	integer	N	Down stream value
fieldLineage	query	boolean	N	Flag to retrieve field lineages
lineageExecState	query	array	N	List of lineage state
upstream	query	integer	N	Upstream value

Sample Response

200 Lineage Graph object in JSON format.

```
{
  "nodes": [
    {
      "key": "63243c263b63794d05d55468",
      "nodeType": "ResourceNode",
      "label": "oscar_age_male.csv",
      "dataResource": {
        "id": "633afcaa0b8763c2cea161d8",
        "timeOfCreation": "2022-03-10T16:15:50Z",
        "timeOfLastChange": "2022-03-10T16:15:50Z",
        "name": "file.csv",
        "type": "File",
```

```json
"logicalPath": "1/hitachi_gosales/product_line",
"parentId": "633ad4b9a35b7c6b34db3a07",
"description": "short description",
"dataSourceId": "633ad4b9a35b7c6b34db3a07",
"path": "/demo/folder/file.csv",
"parentPath": "/demo/folder",
"attributes": {
  "avgUserRating": 0,
  "bufferLength": "0",
  "charOctetLength": "0",
  "checkClause": "clause",
  "columnDef": "column def",
  "columnName": "column name",
  "columnSize": "10",
  "dataType": "string",
  "dbName": "databaseName",
  "decimalDigits": "decimalDigits",
  "fieldIndex": 0,
  "fieldPath": "string",
  "fieldSeparator": "/",
  "fileEncoding": "UTF-8",
  "fileFormat": "application/json",
  "headerExists": true,
  "headerRowCount": 0,
  "indexes": {
    "id": "633b03810cfbac6b55bd92e5",
    "indexType": "indexType",
    "isNonUnique": false,
    "name": "name"
  },
  "isForeignKey": false,
  "isNullable": "false",
  "isPrimaryKey": true,
  "isUnique": false,
  "max": "0",
  "min": "0",
  "nullable": "0",
  "nullableFlag": false,
  "numPrecRadix": "0",
  "ordinalPosition": "0",
  "primaryKeyColumnNames": [],
  "refGeneration": "refGeneration",
```

```
      "Remarks": "Remarks",
      "scopeCatalog": "scopeCatalog",
      "scopeSchema": "scopeSchema",
      "scopeTable": "scopeTable",
      "selfRefColumnName": "selfRefColumnName",
      "sourceDataType": "selfRefColumnName",
      "sqlDataType": "varchar",
      "sqlDateTimeSub": "sqlDateTimeSub",
      "tableCatalog": "catalog",
      "tableName": "tableName",
      "tableSchema": "schema",
      "tableSerde": "tableSerde",
      "typeCatalog": "typeCatalog",
      "typeName": "typeName",
      "typeSchema": "typeSchema",
      "xmlEndTag": "end tag",
      "xmlRootTag": "root tag",
      "xmlRowTag": "row tag",
      "xmlStartTag": "tag start"
    },
    "beAttributes": {
      "activityCount": 0,
      "activityLevel": "LOW",
      "allowDiscovery": true,
      "collectionMember": false,
      "collectionRoot": false,
      "copyStatus": "Unknown",
      "executionState": "executionState",
      "experts": [],
      "fileTikaType": "fileTikaType",
      "importedDescription": "importedDescription",
      "inferredExperts": "inferredExperts",
      "labels": [],
      "logFileRegex": "logFileRegex",
      "multiLineJson": false,
      "owners": [],
      "parquetBinaryToString": false,
      "partitionKeys": [],
      "partitionValues": [],
      "previousLocations": [],
      "readerKeyClass": "readerKeyClass",
      "readerValueClass": "readerValueClass",
```

```json
    "regExCount": 0,
    "resourceCharsetName": "resourceCharsetName",
    "resourceLp": {
      "index": 19,
      "length": 1028,
      "reference": "resource_lp/1342441",
      "type": "resource_lp"
    },
    "resourceOrigin": "633b03810cfbac6b55bd92e5",
    "richDescriptionIds": [],
    "businessRules": [],
    "sampledRow": 0,
    "semantic": "semantic",
    "businessTerms": {
      "termAssociationId": "633b03810cfbac6b55bd92e5",
      "termLogicalPath": "/logicalPath/terms",
      "methodType": "Manual",
      "termAcceptance": "Manual",
      "termAssociationSemantic": "Sample",
      "termAssociationState": "SUGGESTED",
      "termId": "633b03810cfbac6b55bd92e5",
      "glossaryId": "607567590ced4472ab23be73",
      "termAssociationWeight": "0",
      "termAssociationType": "type",
      "termAssociationCount": 0,
      "displayName": "displayName"
    },
    "containsBusinessTerms": {
      "termAssociationId": "633b03810cfbac6b55bd92e5",
      "termLogicalPath": "/logicalPath/terms",
      "methodType": "Manual",
      "termAcceptance": "Manual",
      "termAssociationSemantic": "Sample",
      "termAssociationState": "SUGGESTED",
      "termId": "633b03810cfbac6b55bd92e5",
      "glossaryId": "607567590ced4472ab23be73",
      "termAssociationWeight": "0",
      "termAssociationType": "type",
      "termAssociationCount": 0,
      "displayName": "displayName"
    },
    "sensitivity": "UNKNOWN",
```

```json
      "sensitivityType": "Computed",
      "sensitivitySetBy": "user defined",
      "evaluatedRegexes": [
        {
          "id": "633b03810cfbac6b55bd92e5",
          "regExTermId": "633b03810cfbac6b55bd9276",
          "regExTermCount": 0,
          "stoppedOnNthMatch": false
        }
      ],
      "storagePolicy": "store policy",
      "storagePolicyDesired": "store policy desired",
      "virtualFolders": {
        "id": "62e845108f2169746f9fc2b7",
        "logicalPath": "Hdfs Raw Dataset",
        "type": "VirtualFolder"
      }
    },
    "columnsCount": 0,
    "customProperties": [
      {
        "isFacetable": false,
        "isSearchable": false,
        "name": "property name",
        "propertyId": "633b03810cfbac6b55bd92e5",
        "value": "custom value",
        "isDefault": false
      }
    ],
    "dataVersion": 0,
    "displayName": "display name",
    "extraAttributes": {},
    "isSampled": false,
    "ordinalPosition": 0,
    "rowCount": 1,
    "schemaChecksum": "234556",
    "schemaName": "Schema Name",
    "statistics": {
      "avgValue": "average value",
      "avgWidth": 0,
      "blankCount": 0,
      "cardinality": 0,
```

```
          "commentCount": 0,
          "dateTimeCount": 0,
          "density": 0,
          "fieldCount": 0,
          "hll": 0,
          "lastUpdate": 0,
          "max": "100",
          "maxWidth": 0,
          "min": "0",
          "minWidth": 0,
          "nullCount": 0,
          "numberCount": 0,
          "partitionCount": 0,
          "qualityValue": 0,
          "resourceSize": 0,
          "rowCount": 0,
          "selectivity": 0,
          "stringCount": 0,
          "tableCount": 0,
          "topicCount": 0,
          "valueCount": 0,
          "qualityDimensionValues": [
            {
              "dimensionId": "62e845108f2169746f9fc6a2",
              "qualityLevel": "low",
              "qualityValue": 0
            }
          ]
        },
        "documentAttributes": {
          "format": "PDF",
          "title": "title",
          "author": "author",
          "subject": "subject",
          "keywords": [],
          "created": "2022-03-10T16:15:50Z",
          "modified": "2022-03-10T16:15:50Z",
          "application": "application",
          "pdfProducer": "pdfProducer",
          "pdfVersion": "1",
          "documentSize": 0,
          "pageSize": "10",
```

```json
      "pageCount": 0,
      "id": "633b03810cfbac6b55bd92e1",
      "language": "en"
    },
    "virtualFolders": {
      "id": "62e845108f2169746f9fc2b7",
      "logicalPath": "Hdfs Raw Dataset",
      "type": "VirtualFolder"
    }
  },
  "columns": [
    {
      "id": "633adb12a35b7c6b34db3f3d",
      "name": "product_line",
      "type": "Table",
      "logicalPath": "1/hitachi_gosales/product_line",
      "parentId": "633adb12a35b7c6b34db3f3c",
      "description": "short description",
      "dataSourceId": "633ad4b9a35b7c6b34db3a07",
      "path": "hitachi_gosales/product_line",
      "parentPath": "hitachi_gosales",
      "attributes": {
        "avgUserRating": 0,
        "bufferLength": "0",
        "charOctetLength": "0",
        "checkClause": "clause",
        "columnDef": "column def",
        "columnName": "column name",
        "columnSize": "10",
        "dataType": "string",
        "dbName": "databaseName",
        "decimalDigits": "decimalDigits",
        "extendedAttributes": {},
        "fieldIndex": 0,
        "fieldPath": "string",
        "fieldSeparator": "/",
        "fileEncoding": "UTF-8",
        "fileFormat": "application/json",
        "headerExists": true,
        "headerRowCount": 0,
        "indexes": [
          {
```

```json
        "id": "633b03810cfbac6b55bd92e5",
        "indexType": "indexType",
        "isNonUnique": false,
        "name": "name"
      }
    ],
    "isForeignKey": false,
    "isNullable": "false",
    "isPrimaryKey": true,
    "isUnique": false,
    "max": "0",
    "min": "0",
    "nullable": "0",
    "nullableFlag": false,
    "numPrecRadix": "0",
    "ordinalPosition": "0",
    "primaryKeyColumnNames": [],
    "refGeneration": "refGeneration",
    "Remarks": "Remarks",
    "scopeCatalog": "scopeCatalog",
    "scopeSchema": "scopeSchema",
    "scopeTable": "scopeTable",
    "selfRefColumnName": "selfRefColumnName",
    "sourceDataType": "selfRefColumnName",
    "sqlDataType": "varchar",
    "sqlDateTimeSub": "sqlDateTimeSub",
    "tableCatalog": "catalog",
    "tableName": "tableName",
    "tableSchema": "schema",
    "tableSerde": "tableSerde",
    "typeCatalog": "typeCatalog",
    "typeName": "typeName",
    "typeSchema": "typeSchema",
    "xmlEndTag": "end tag",
    "xmlRootTag": "root tag",
    "xmlRowTag": "row tag",
    "xmlStartTag": "tag start"
  },
  "beAttributes": {
    "activityCount": 0,
    "activityLevel": "LOW",
    "allowDiscovery": true,
```

```json
"collectionInfo": {
  "parentIds": [
    {
      "id": "633b03810cfbac6b55bd92e5",
      "logicalPath": "/logical/path",
      "type": "type"
    }
  ]
},
"collectionMember": false,
"collectionRoot": false,
"copyStatus": "Unknown",
"executionState": "executionState",
"experts": [],
"fileTikaType": "fileTikaType",
"importedDescription": "importedDescription",
"inferredExperts": "inferredExperts",
"labels": [],
"logFileRegex": "logFileRegex",
"multiLineJson": false,
"owners": [],
"parquetBinaryToString": false,
"partitionKeys": [],
"partitionValues": [],
"previousLocations": [],
"readerKeyClass": "readerKeyClass",
"readerValueClass": "readerValueClass",
"regExCount": 0,
"resourceCharsetName": "resourceCharsetName",
"resourceLp": {
  "index": 19,
  "length": 1028,
  "reference": "resource_lp/1342441",
  "type": "resource_lp"
},
"resourceOrigin": "633b03810cfbac6b55bd92e5",
"resourceState": {},
"richDescriptionIds": [],
"businessRules": [],
"sampledRow": 0,
"semantic": "semantic",
"businessTerms": [
```

```
      {
        "termAssociationId": "633b03810cfbac6b55bd92e5",
        "termLogicalPath": "/logicalPath/terms",
        "methodType": "Manual",
        "termAcceptance": "Manual",
        "termAssociationSemantic": "Sample",
        "termAssociationState": "SUGGESTED",
        "termId": "633b03810cfbac6b55bd92e5",
        "glossaryId": "607567590ced4472ab23be73",
        "termAssociationWeight": "0",
        "termAssociationType": "type",
        "termAssociationCount": 0,
        "displayName": "displayName"
      }
    ],
    "containsBusinessTerms": [
      {
        "termAssociationId": "633b03810cfbac6b55bd92e5",
        "termLogicalPath": "/logicalPath/terms",
        "methodType": "Manual",
        "termAcceptance": "Manual",
        "termAssociationSemantic": "Sample",
        "termAssociationState": "SUGGESTED",
        "termId": "633b03810cfbac6b55bd92e5",
        "glossaryId": "607567590ced4472ab23be73",
        "termAssociationWeight": "0",
        "termAssociationType": "type",
        "termAssociationCount": 0,
        "displayName": "displayName"
      }
    ],
    "sensitivity": "UNKNOWN",
    "sensitivityType": "Computed",
    "sensitivitySetBy": "user defined",
    "evaluatedRegexes": [
      {
        "id": "633b03810cfbac6b55bd92e5",
        "regExTermId": "633b03810cfbac6b55bd9276",
        "regExTermCount": 0,
        "stoppedOnNthMatch": false
      }
    ],
```

```
      "storagePolicy": "store policy",
      "storagePolicyDesired": "store policy desired",
      "virtualFolders": {
        "id": "62e845108f2169746f9fc2b7",
        "logicalPath": "Hdfs Raw Dataset",
        "type": "VirtualFolder"
      }
    },
    "statistics": {
      "avgValue": "average value",
      "avgWidth": 0,
      "blankCount": 0,
      "cardinality": 0,
      "commentCount": 0,
      "dateTimeCount": 0,
      "density": 0,
      "fieldCount": 0,
      "hll": 0,
      "lastUpdate": 0,
      "max": "100",
      "maxWidth": 0,
      "min": "0",
      "minWidth": 0,
      "nullCount": 0,
      "numberCount": 0,
      "partitionCount": 0,
      "qualityValue": 0,
      "resourceSize": 0,
      "rowCount": 0,
      "selectivity": 0,
      "stringCount": 0,
      "tableCount": 0,
      "topicCount": 0,
      "valueCount": 0,
      "qualityDimensionValues": [
        {
          "dimensionId": "62e845108f2169746f9fc6a2",
          "qualityLevel": "low",
          "qualityValue": 0
        }
      ]
    },
```

```
          "displayName": "product_line",
          "dataVersion": 0,
          "isSampled": false,
          "schemaChecksum": "xxxx",
          "schemaName": "Product",
          "documentAttributes": {
             "format": "PDF",
             "title": "title",
             "author": "author",
             "subject": "subject",
             "keywords": [],
             "created": "2022-03-10T16:15:50Z",
             "modified": "2022-03-10T16:15:50Z",
             "application": "application",
             "pdfProducer": "pdfProducer",
             "pdfVersion": "1",
             "documentSize": 0,
             "pageSize": "10",
             "pageCount": 0,
             "id": "633b03810cfbac6b55bd92e1",
             "language": "en"
          }
        }
      ],
      "parent": "63243c263b63794d05d55468.csv",
      "lineageHopLevel": 2,
      "operationExecution": {},
      "lineageExecState": "ACCEPTED",
      "__typename": "LineageNode"
    }
  ],
  "edges": [
    {
      "__typename": "LineageEdge",
      "source": "63243c263b63794d05d55468_0",
      "target": "63243c263b63794d05d55468_1",
      "id": "63243c263b63794d05d55468",
      "lineageExecState": "ACCEPTED"
    }
  ],
  "toggleId": "607567590ced4472ab23df54",
```

```
    "__typename": "Operation Lineage Data."
}
```

Parameter	Data Type	Description
nodes	array	List of Lineage Nodes.
edges	array	List of Lineage Edges.
toggleId	string	Toggle ID of the Operation Lineage Data.
__typename	string	Data Type of Operation Lineage Data.

Get lineages objects matched with query parameters

Fetch all the lineages matched with query parameters.

GET https://localhost/api/v1/lineages

Sample Request

curl -v -X GET "https://localhost/api/v1/lineages?index=0&size=0"

Parameter	Type	Data Type	Required	Description
index	query	integer	N	Index of the page that you want to retrieve. If the value is negative or unset it will be set to 0.
size	query	integer	N	Number of records per page that you want to retrieve. If the value is negative or unset it will be set to 25.

Sample Response

200 Paginated response

```
{
    "totalCount": 60,
    "list": [
        {
            "operationId": "63160da316cebd79a63b3260",
            "externalSourceName": "ETL",
            "principal": "steward",
            "lineageState": "FACTUAL",
            "description": "Primary lineage: SUPERSET",
```

```
        "operationType": "LINEAGE_OP",
        "lineageItems": [
          {
            "id": "63160da316cebd79a63b3260",
            "targetField": "email",
            "sourceField": "email",
            "sourceDataSourceName": "s3minio",
            "sourceEntityPath": "/random/parentUser.csv",
            "targetDataSourceName": "s3minio",
            "targetEntityPath": "/other/childUser.csv",
            "description": "Primary lineage: SUPERSET",
            "lineageEdgeComment": "Lineage Node Comment.",
            "lineageNodeComment": "Lineage Edge Comment.",
            "code": "name:name"
          }
        ]
      }
    ],
    "sortableFields": [
      "id"
    ],
    "currentPage": 1,
    "totalPages": 6
}
```

Parameter	Data Type	Description
totalCount	integer	The total number of results found in the request.
list	array	Lineage list
sortableFields	array	The list of fields using which the data in the list is sorted
currentPage	integer	Index of the currentPage
totalPages	integer	Total number of pages available for the filter

Get operation edge by ID

Fetch an operation edge for the provided Operation Edge ID.

GET https://localhost/api/v1/lineages/operationEdge/{operationEdgeId}

Sample Request

curl -v -X GET "https://localhost/api/v1/lineages/operationEdge/sample-operationEdgeId"

Parameter	Type	Data Type	Required	Description
operationEdgeId	path	string	Y	Operation edge ID

Sample Response

200 Operation Edge Entity

```
{
    "type": "operationEdge",
    "edgeId": "63160da316cebd79a63b3231",
    "operation": "63160da316cebd79a63b3222",
    "edgeLineageSource": "63160da316cebd79a63b3212",
    "edgeLineageTarget": "63160da316cebd79a63b3205",
    "description": "Primary lineage: SUPERSET",
    "lineageEdgeState": "ACCEPTED",
    "lineageEdgeComment": "Lineage Edge Comment.",
    "overlapCount": 5,
    "attributes": {},
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z"
}
```

Parameter	Data Type	Description
type	string	Data Type of the operation edge.
edgeId	string	ID of Operation Edge.
operation	string	ID of the Operation.
edgeLineageSource	string	Dataentity ID of the Operation Edge Source.
edgeLineageTarget	string	Dataentity ID of the Operation Edge Target. This is the Operation Execution ID to which the edge points to.
description	string	Description of the lineage.
lineageEdgeState	string	State of the Lineage Edge.
lineageEdgeComment	string	Comment on the Lineage Edge.

Parameter	Data Type	Description
overlapCount	number	Overlap count of the Lineage Edge.
attributes	object	Additional attributes of the operation edge.
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated

Get operation execution by ID

Fetch the operation execution for the provided Operation Execution ID.

GET https://localhost/api/v1/lineages/operationExecution/{operationExecutionId}

Sample Request

curl -v -X GET "https://localhost/api/v1/lineages/operationExecution/sample-operationExecutionId"

Parameter	Type	Data Type	Required	Description
operationExecutionId	path	string	Y	Operation execution ID

Sample Response

200 Operation Execution Entity

```
{
    "type": "operationexecution",
    "operationExecutionId": "63160da316cebd79a63b3260",
    "operation": "63160da316cebd79a63b3232",
    "lineageExecType": "Resource",
    "sourceDataSourceName": "s3minio",
    "sourceEntityPath": "/other/biostats.csv",
    "operationInputIds": "[\"63160da316cebd79a63b3260\",\"63160da316cebd79a63b3261\"]",
    "operationInputSourceIds": "[\"63160da316cebd79a63b3243\"]",
    "operationOutputIds": "[\"63160da316cebd79a63b3279\"]",
    "operationInputEdgeIds": "[\"63160da316cebd79a63b2145\",\"63160da316cebd79a63b3278\"]",
    "targetDataSourceName": "s3minio",
    "targetEntityPath": "/random/mlb_players.csv",
    "description": "Primary lineage: SUPERSET",
    "lineageType": "HDFS2HIVE",
    "lineageKind": "API",
    "lineageExecState": "ACCEPTED",
    "principal": "joe_steward",
    "lineageNodeComment": "Lineage Node Comment.",
    "resourceLineageExec": "63160da316cebd79a63b3260",
    "lineageExecExpression": "Lineage Execution Expression.",
    "lineageExecFilterCondition": "Filter by...",
    "lineageExecJoinCondition": "Join by...",
    "lineageExecGroupByCondition": "Group by ....",
    "resourceId": "63160da316cebd79a63C5463",
    "executionId": "63160da316cebd79a63V0965",
    "lineageExternalId": "63160da316cebd79a63V0965",
    "lineageExternalSource": "ATLAS",
    "lineageExecCode": "Name=Name",
    "overlapCount": 4,
    "attributes": {},
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z"
}
```

Parameter	Data Type	Description
type	string	Data Type of the operation execution.
operationExecutionId	string	ID of the operation execution.
operation	string	ID of the Operation.
lineageExecType	string	Type of the operation execution.
sourceDataSourceName	string	Name of the Source Data Source.
sourceEntityPath	string	Path of the Source Entity.
operationInputIds	string	Set of Operation Input Ids.
operationInputSourceIds	string	Set of Operation Input Source Ids.
operationOutputIds	string	Set of Operation Output Source Ids.
operationInputEdgeIds	string	Set of Operation Input Edge Ids.
targetDataSourceName	string	Name of the Target Data Source.
targetEntityPath	string	Path of Target Entity.
description	string	Description of the lineage.
lineageType	string	Type of the Lineage.
lineageKind	string	Kind of the Lineage.
lineageExecState	string	State of the Lineage Edge.
principal	string	Principal(User Name) creating the lineage.
lineageNodeComment	string	Comment on the Lineage(Operation Execution) Node.
resourceLineageExec	string	Resource Lineage Execution.
lineageExecExpression	string	Lineage execution expression.
lineageExecFilterCondition	string	Lineage Execution Filter Condition.
lineageExecJoinCondition	string	Lineage Execution Join Condition.
lineageExecGroupByCondition	string	Lineage Execution Group by Condition.

Parameter	Data Type	Description
resourceId	string	Lineage Resource ID.
executionId	string	Lineage ID from External Source.
lineageExternalId	string	Lineage ID from External Source.
lineageExternalSource	string	Name of the External Source from where the Lineage is imported.
lineageExecCode	string	Code on the Operation Execution.
overlapCount	integer	Overlap count of the Lineage Edge.
attributes	object	Additional attributes of the operation execution.
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated

Initiate import job

Initiate import job and return JobExecutionResponse object which includes response message and jobId.

POST https://localhost/api/v1/lineages/import

Sample Request

curl -v -X POST "https://localhost/api/v1/lineages/import" -F '"undo=@sample-file.txt;text/plain"'

Parameter	Type	Data Type	Required	Description
file	body	string	Y	File to be uploaded
undo	body	boolean	Y	Setting this flag would remove the lineages provided in the file

Sample Response

202 Job Initiated
```
{
   "templateKey": "633acc8855c17b0b531082f5",
   "jobInstanceKey": "633acc95c16bd1274f774f2f",
   "status": "SUCCESS",
   "message": "Successfully triggered the job"
}
```

Parameter	Data Type	Description
templateKey	string	Template ID using which the job is triggered
jobInstanceKey	string	Triggered job ID
status	string	Job execution status
message	string	Message

Update operation edges in bulk

Update the operation edges with provided details and returns updated operation edge.

PUT https://localhost/api/v1/lineages/edge/bulk

Sample Request

curl -v -X PUT "https://localhost/api/v1/lineages/edge/bulk" -d '[{"opEdgeId":
"63160da316cebd79a63b3260", "description": "Primary lineage: SUPERSET", "lineageEdgeState":
"ACCEPTED", "lineageEdgeComment": "Lineage Edge Comment.", "overlapCount": 5, "attributes": {}}]'

```
[
  {
    "opEdgeId": "63160da316cebd79a63b3260",
    "description": "Primary lineage: SUPERSET",
    "lineageEdgeState": "ACCEPTED",
    "lineageEdgeComment": "Lineage Edge Comment.",
    "overlapCount": 5,
    "attributes": {}
  }
]
```

Parameter	Type	Data Type	Required	Description
opEdgeId	body	string	Y	Operation Edge Identifiers
description	body	string	N	Description of the lineage.
lineageEdgeState	body	string	N	State of the Lineage Edge. Only ACCEPTED/REJECTED values are allowed.
lineageEdgeComment	body	string	N	Comment on the Lineage Edge.

Parameter	Type	Data Type	Required	Description
overlapCount	body	number	N	Overlap count of the Lineage Edge.
attributes	body	object	N	Attributes of the virtual folder

Sample Response

200 Updated Operation Edge entities

204 No Content

Update operation execution

Update the operation execution with provided details and return updated operation execution.

PUT https://localhost/api/v1/lineages/{operationExecutionId}

Sample Request

curl -v -X PUT "https://localhost/api/v1/lineages/sample-operationExecutionId" -d '{"opExecId": "",
"description": "Primary lineage: SUPERSET", "lineageExecState": "ACCEPTED", "lineageNodeComment":
"Lineage Node Comment.", "resourceLineageExec": "617567590kjh4462ab23bfv57",
"lineageExecExpression": "Lineage execution expression", "lineageExecFilterCondition": "Filter by...",
"lineageExecJoinCondition": "Join... ", "lineageExecGroupByCondition": "Group by ....",
"lineageExternalId": "63871a76d1b75f956be23548", "lineageExternalSource": "ATLAS",
"lineageExecCode": "Name:Name", "attributes": {}}'

```
{
    "opExecId": "",
    "description": "Primary lineage: SUPERSET",
    "lineageExecState": "ACCEPTED",
    "lineageNodeComment": "Lineage Node Comment.",
    "resourceLineageExec": "617567590kjh4462ab23bfv57",
    "lineageExecExpression": "Lineage execution expression",
    "lineageExecFilterCondition": "Filter by...",
    "lineageExecJoinCondition": "Join... ",
    "lineageExecGroupByCondition": "Group by ....",
    "lineageExternalId": "63871a76d1b75f956be23548",
    "lineageExternalSource": "ATLAS",
    "lineageExecCode": "Name:Name",
    "attributes": {}
}
```

Parameter	Type	Data Type	Required	Description
operationExecutionId	path	string	Y	Operation execution ID
opExecId	body	string	Y	Operation Execution Identifiers
description	body	string	N	Description of the lineage.
lineageExecState	body	string	N	State of the lineage. Values can be ACCEPTED or REJECTED or SUGGESTED.The State can however be changed to only ACCEPTED or REJECTED via LDC Public APIs
lineageNodeComment	body	string	N	Comment on the Lineage(Operation Execution) Node.
resourceLineageExec	body	string	N	Data entity ID.
lineageExecExpression	body	string	N	Lineage execution expression.
lineageExecFilterCondition	body	string	N	Lineage Execution Filter Condition.
lineageExecJoinCondition	body	string	N	Lineage Execution Join Condition.
lineageExecGroupByCondition	body	string	N	Lineage Execution Group by Condition.
lineageExternalId	body	string	N	Lineage ID from External Source.
lineageExternalSource	body	string	N	Name of the External Source from where the Lineage is imported.
lineageExecCode	body	string	N	Code on the Operation Execution.
attributes	body	object	N	Attributes of the virtual folder

Sample Response

200 Updated Operation Execution entity

```
{
   "type": "operationexecution",
   "operationExecutionId": "63160da316cebd79a63b3260",
   "operation": "63160da316cebd79a63b3232",
   "lineageExecType": "Resource",
   "sourceDataSourceName": "s3minio",
   "sourceEntityPath": "/other/biostats.csv",
   "operationInputIds": "[\"63160da316cebd79a63b3260\",\"63160da316cebd79a63b3261\"]",
   "operationInputSourceIds": "[\"63160da316cebd79a63b3243\"]",
   "operationOutputIds": "[\"63160da316cebd79a63b3279\"]",
   "operationInputEdgeIds": "[\"63160da316cebd79a63b2145\",\"63160da316cebd79a63b3278\"]",
   "targetDataSourceName": "s3minio",
   "targetEntityPath": "/random/mlb_players.csv",
   "description": "Primary lineage: SUPERSET",
   "lineageType": "HDFS2HIVE",
   "lineageKind": "API",
   "lineageExecState": "ACCEPTED",
   "principal": "joe_steward",
   "lineageNodeComment": "Lineage Node Comment.",
   "resourceLineageExec": "63160da316cebd79a63b3260",
   "lineageExecExpression": "Lineage Execution Expression.",
   "lineageExecFilterCondition": "Filter by...",
   "lineageExecJoinCondition": "Join by...",
   "lineageExecGroupByCondition": "Group by ....",
   "resourceId": "63160da316cebd79a63C5463",
   "executionId": "63160da316cebd79a63V0965",
   "lineageExternalId": "63160da316cebd79a63V0965",
   "lineageExternalSource": "ATLAS",
   "lineageExecCode": "Name=Name",
   "overlapCount": 4,
   "attributes": {},
   "timeOfCreation": "2022-03-10T16:15:50Z",
   "timeOfLastChange": "2022-03-10T16:15:50Z"
}
```

Parameter	Data Type	Description
type	string	Data Type of the operation execution.
operationExecutionId	string	ID of the operation execution.
operation	string	ID of the Operation.
lineageExecType	string	Type of the operation execution.
sourceDataSourceName	string	Name of the Source Data Source.
sourceEntityPath	string	Path of the Source Entity.
operationInputIds	string	Set of Operation Input Ids.
operationInputSourceIds	string	Set of Operation Input Source Ids.
operationOutputIds	string	Set of Operation Output Source Ids.
operationInputEdgeIds	string	Set of Operation Input Edge Ids.
targetDataSourceName	string	Name of the Target Data Source.
targetEntityPath	string	Path of Target Entity.
description	string	Description of the lineage.
lineageType	string	Type of the Lineage.
lineageKind	string	Kind of the Lineage.
lineageExecState	string	State of the Lineage Edge.
principal	string	Principal(User Name) creating the lineage.
lineageNodeComment	string	Comment on the Lineage(Operation Execution) Node.
resourceLineageExec	string	Resource Lineage Execution.
lineageExecExpression	string	Lineage execution expression.
lineageExecFilterCondition	string	Lineage Execution Filter Condition.
lineageExecJoinCondition	string	Lineage Execution Join Condition.
lineageExecGroupByCondition	string	Lineage Execution Group by Condition.

Parameter	Data Type	Description
resourceId	string	Lineage Resource ID.
executionId	string	Lineage ID from External Source.
lineageExternalId	string	Lineage ID from External Source.
lineageExternalSource	string	Name of the External Source from where the Lineage is imported.
lineageExecCode	string	Code on the Operation Execution.
overlapCount	integer	Overlap count of the Lineage Edge.
attributes	object	Additional attributes of the operation execution.
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated

Update operation edge

Update the operation edge with the provided details and return updated operation edge.

PUT https://localhost/api/v1/lineages/edge/{operationEdgeId}

Sample Request

curl -v -X PUT "https://localhost/api/v1/lineages/edge/sample-operationEdgeId" -d '{"opEdgeId": "63160da316cebd79a63b3260", "description": "Primary lineage: SUPERSET", "lineageEdgeState": "ACCEPTED", "lineageEdgeComment": "Lineage Edge Comment.", "overlapCount": 5, "attributes": {}}'

```
{
    "opEdgeId": "63160da316cebd79a63b3260",
    "description": "Primary lineage: SUPERSET",
    "lineageEdgeState": "ACCEPTED",
    "lineageEdgeComment": "Lineage Edge Comment.",
    "overlapCount": 5,
    "attributes": {}
}
```

Parameter	Type	Data Type	Required	Description
operationEdgeId	path	string	Y	Operation edge ID
opEdgeId	body	string	Y	Operation Edge Identifiers
description	body	string	N	Description of the lineage.
lineageEdgeState	body	string	N	State of the Lineage Edge. Only ACCEPTED/REJECTED values are allowed.
lineageEdgeComment	body	string	N	Comment on the Lineage Edge.
overlapCount	body	number	N	Overlap count of the Lineage Edge.
attributes	body	object	N	Attributes of the virtual folder

Sample Response

200 Updated Operation Edge entity

```
{
    "type": "operationEdge",
    "edgeId": "63160da316cebd79a63b3231",
    "operation": "63160da316cebd79a63b3222",
    "edgeLineageSource": "63160da316cebd79a63b3212",
    "edgeLineageTarget": "63160da316cebd79a63b3205",
    "description": "Primary lineage: SUPERSET",
    "lineageEdgeState": "ACCEPTED",
    "lineageEdgeComment": "Lineage Edge Comment.",
    "overlapCount": 5,
    "attributes": {},
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z"
}
```

Parameter	Data Type	Description
type	string	Data Type of the operation edge.
edgeId	string	ID of Operation Edge.
operation	string	ID of the Operation.

Parameter	Data Type	Description
edgeLineageSource	string	Dataentity ID of the Operation Edge Source.
edgeLineageTarget	string	Dataentity ID of the Operation Edge Target. This is the Operation Execution ID to which the edge points to.
description	string	Description of the lineage.
lineageEdgeState	string	State of the Lineage Edge.
lineageEdgeComment	string	Comment on the Lineage Edge.
overlapCount	number	Overlap count of the Lineage Edge.
attributes	object	Additional attributes of the operation edge.
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated

Update operation execution

Update the operation execution with provided details and return updated operation execution.

PUT https://localhost/api/v1/lineages/bulk

Sample Request

curl -v -X PUT "https://localhost/api/v1/lineages/bulk" -d '[{"opExecId": "", "description": "Primary lineage: SUPERSET", "lineageExecState": "ACCEPTED", "lineageNodeComment": "Lineage Node Comment.", "resourceLineageExec": "617567590kjh4462ab23bfv57", "lineageExecExpression": "Lineage execution expression", "lineageExecFilterCondition": "Filter by...", "lineageExecJoinCondition": "Join... ", "lineageExecGroupByCondition": "Group by ....", "lineageExternalId": "63871a76d1b75f956be23548", "lineageExternalSource": "ATLAS", "lineageExecCode": "Name:Name", "attributes": {}}]'

```
[
  {
    "opExecId": "",
    "description": "Primary lineage: SUPERSET",
    "lineageExecState": "ACCEPTED",
    "lineageNodeComment": "Lineage Node Comment.",
    "resourceLineageExec": "617567590kjh4462ab23bfv57",
    "lineageExecExpression": "Lineage execution expression",
```

```
      "lineageExecFilterCondition": "Filter by...",
      "lineageExecJoinCondition": "Join... ",
      "lineageExecGroupByCondition": "Group by ....",
      "lineageExternalId": "63871a76d1b75f956be23548",
      "lineageExternalSource": "ATLAS",
      "lineageExecCode": "Name:Name",
      "attributes": {}
   }
]
```

Parameter	Type	Data Type	Required	Description
opExecId	body	string	Y	Operation Execution Identifiers
description	body	string	N	Description of the lineage.
lineageExecState	body	string	N	State of the lineage. Values can be ACCEPTED or REJECTED or SUGGESTED.The State can however be changed to only ACCEPTED or REJECTED via LDC Public APIs
lineageNodeComment	body	string	N	Comment on the Lineage(Operation Execution) Node.
resourceLineageExec	body	string	N	Data entity ID.
lineageExecExpression	body	string	N	Lineage execution expression.
lineageExecFilterCondition	body	string	N	Lineage Execution Filter Condition.
lineageExecJoinCondition	body	string	N	Lineage Execution Join Condition.
lineageExecGroupByCondition	body	string	N	Lineage Execution Group by Condition.
lineageExternalId	body	string	N	Lineage ID from External Source.
lineageExternalSource	body	string	N	Name of the External Source from where the Lineage is imported.

Parameter	Type	Data Type	Required	Description
lineageExecCode	body	string	N	Code on the Operation Execution.
attributes	body	object	N	Attributes of the virtual folder

Sample Response

200 Updated Operation Execution entities

204 No Content

Microprofile Health

API to check the health of the rest service.

An aggregated view of the liveness, readiness and startup of this application
Check the health of the application.

GET https://localhost/api/v1/health

Sample Request

curl -v -X GET "https://localhost/api/v1/health"

Sample Response

200 OK

```
{
    "data": "",
    "name": "LDC-Rest Service",
    "status": "UP"
}
```

Parameter	Data Type	Description
data	object	Information of the service. If the service is down, this holds the information of why it is failed.
name	string	Service Name
status	object	Service Status

Application liveness check
Check the liveness of the application.

GET https://localhost/api/v1/health/live

Sample Request

curl -v -X GET "https://localhost/api/v1/health/live"

Sample Response

200 OK

```
{
    "data": "",
    "name": "LDC-Rest Service",
    "status": "UP"
}
```

Parameter	Data Type	Description
data	object	Information of the service. If the service is down, this holds the information of why it is failed.
name	string	Service Name
status	object	Service Status

Application readiness check

Check the readiness of the application.

GET https://localhost/api/v1/health/ready

Sample Request

curl -v -X GET "https://localhost/api/v1/health/ready"

Sample Response

200 OK

```
{
    "data": "",
    "name": "LDC-Rest Service",
    "status": "UP"
}
```

Parameter	Data Type	Description
data	object	Information of the service. If the service is down, this holds the information of why it is failed.
name	string	Service Name
status	object	Service Status

Application startup check

Check the startup of the application.

GET https://localhost/api/v1/health/started

Sample Request

curl -v -X GET "https://localhost/api/v1/health/started"

Sample Response

200 OK

```
{
    "data": "",
    "name": "LDC-Rest Service",
    "status": "UP"
}
```

Parameter	Data Type	Description
data	object	Information of the service. If the service is down, this holds the information of why it is failed.
name	string	Service Name
status	object	Service Status

Quality Statistics Management

API to manage quality rules.

Create quality statistics

Create the quality statistics with provided details.

POST https://localhost/api/v1/qualitystatistics

Sample Request

curl -v -X POST "https://localhost/api/v1/qualitystatistics" -d '[{"logicalPath":
"1/datasource_mysql/Table1/firstname", "qualityDimensionName": "accuracy", "providerName":
"accuracy_rule", "providerType": "rule", "qualityValue": 50, "totalRows": 100, "nonCompliantRows": 20,
"ruleValue": "Rule = []", "executionTime": "2022-03-10T16:15:50Z", "lowThresholdValue": 5,
"highThresholdValue": 5}]'

```
[
  {
    "logicalPath": "1/datasource_mysql/Table1/firstname",
    "qualityDimensionName": "accuracy",
    "providerName": "accuracy_rule",
    "providerType": "rule",
    "qualityValue": 50,
    "totalRows": 100,
    "nonCompliantRows": 20,
    "ruleValue": "Rule = []",
    "executionTime": "2022-03-10T16:15:50Z",
    "lowThresholdValue": 5,
    "highThresholdValue": 5
  }
]
```

Parameter	Type	Data Type	Required	Description
logicalPath	body	string	N	Fully qualified logical path of the column entity
qualityDimensionName	body	string	N	Name of the quality dimension
providerName	body	string	N	Name of the provider, if providerType is customName,

Parameter	Type	Data Type	Required	Description
				name of the rule if providerType is rule
providerType	body	string	N	Type of the provider
qualityValue	body	integer	N	Quality value calculated as per the rule definition
totalRows	body	integer	N	Row count of the column
nonCompliantRows	body	integer	N	Count of rows which did not pass the rule criteria
ruleValue	body	string	N	String describing rule params
executionTime	body	object	N	Timestamp when the rule was executed
lowThresholdValue	body	integer	N	In a range of 0 to 100, this value represents lower bound, it is used to calculate quality level
highThresholdValue	body	integer	N	In a range of 0 to 100, this value represents upper bound, it is used to calculate quality level

Sample Response

201 Quality statistics created

204 No Content

Fetch quality statistics entities

Fetch all the quality statistics. It also supports pagination, sorting and search to refine the search results.

POST https://localhost/api/v1/qualitystatistics/search

Sample Request

curl -v -X POST "https://localhost/api/v1/qualitystatistics/search" -d '{"filters": {}, "page": {"index": 0, "size": 25}, "sort": {"columns": {"name": "_id", "direction": "DESC"}}}'

```
{
   "filters": {},
   "page": {
```

```
    "index": 0,
    "size": 25
  },
  "sort": {
    "columns": {
      "name": "_id",
      "direction": "DESC"
    }
  }
}
```

Parameter	Type	Data Type	Required	Description
filters	body	object	N	Filters to apply during the search operation
page	body	object	N	Pagination details
sort	body	object	N	Sorting details
index	body	integer	N	Index of the page that you want to retrieve
size	body	integer	N	Number of records per page
columns	body	array	N	List of sortable columns

Sample Response

200 Paginated response

```
{
  "totalCount": 60,
  "list": [
    {
      "id": "62e845108f2169746f9fc2b7",
      "dataVersion": 26,
      "entityId": "62e845108f2169746f9fc2b7",
      "entityType": "Table, Folder, File, etc.",
      "parentId": "62e845108f2169746f9fc6a2",
      "qualityDimensionId": "62e845108f2169746f9fc2b7",
      "statistics": {}
    }
  ],
  "sortableFields": [
```

```
   "id"
 ],
 "currentPage": 1,
 "totalPages": 6
}
```

Parameter	Data Type	Description
totalCount	integer	The total number of results found in the request.
list	array	Datasource list
sortableFields	array	The list of fields using which the data in the list is sorted
currentPage	integer	Index of the currentPage
totalPages	integer	Total number of pages available for the filter

Fetch last rule run by user

Fetches the details of last Rule which was run by the user from data entities collection. It also supports pagination, sorting and search to refine the search results.

POST https://localhost/api/v1/qualitystatistics/searchlatest

Sample Request

curl -v -X POST "https://localhost/api/v1/qualitystatistics/searchlatest" -d '{"filters": {}, "page": {"index": 0, "size": 25}, "sort": {"columns": {"name": "_id", "direction": "DESC"}}}'

```
{
   "filters": {},
   "page": {
      "index": 0,
      "size": 25
   },
   "sort": {
      "columns": {
         "name": "_id",
         "direction": "DESC"
      }
   }
}
```

Parameter	Type	Data Type	Required	Description
filters	body	object	N	Filters to apply during the search operation
page	body	object	N	Pagination details
sort	body	object	N	Sorting details
index	body	integer	N	Index of the page that you want to retrieve
size	body	integer	N	Number of records per page
columns	body	array	N	List of sortable columns

Sample Response

200 Paginated response

```
{
    "totalCount": 60,
    "list": [
        {
            "id": "62e845108f2169746f9fc2b7",
            "dataVersion": 26,
            "entityId": "62e845108f2169746f9fc2b7",
            "entityType": "Table, Folder, File, etc.",
            "parentId": "62e845108f2169746f9fc6a2",
            "qualityDimensionId": "62e845108f2169746f9fc2b7",
            "statistics": {}
        }
    ],
    "sortableFields": [
        "id"
    ],
    "currentPage": 1,
    "totalPages": 6
}
```

Parameter	Data Type	Description
totalCount	integer	The total number of results found in the request.
list	array	Datasource list
sortableFields	array	The list of fields using which the data in the list is sorted
currentPage	integer	Index of the currentPage
totalPages	integer	Total number of pages available for the filter

Fetch quality statistics history

Fetch quality statistics over a period, filtering on column and rule name to refine the results.

POST https://localhost/api/v1/qualitystatistics/fieldhistory

Sample Request

curl -v -X POST "https://localhost/api/v1/qualitystatistics/fieldhistory" -d '{"filters": {}, "page": {"index": 0, "size": 25}, "sort": {"columns": {"name": "_id", "direction": "DESC"}}}'

```
{
    "filters": {},
    "page": {
        "index": 0,
        "size": 25
    },
    "sort": {
        "columns": {
            "name": "_id",
            "direction": "DESC"
        }
    }
}
```

Parameter	Type	Data Type	Required	Description
filters	body	object	N	Filters to apply during the search operation
page	body	object	N	Pagination details
sort	body	object	N	Sorting details
index	body	integer	N	Index of the page that you want to retrieve
size	body	integer	N	Number of records per page
columns	body	array	N	List of sortable columns

Sample Response

200 Paginated response

```
{
    "totalCount": 60,
    "list": [
        {
            "id": "62e845108f2169746f9fc2b7",
            "dataVersion": 26,
            "entityId": "62e845108f2169746f9fc2b7",
            "entityType": "Table, Folder, File, etc.",
            "parentId": "62e845108f2169746f9fc6a2",
            "qualityDimensionId": "62e845108f2169746f9fc2b7",
            "statistics": {}
        }
    ],
    "sortableFields": [
        "id"
    ],
    "currentPage": 1,
    "totalPages": 6
}
```

Parameter	Data Type	Description
totalCount	integer	The total number of results found in the request.
list	array	Datasource list
sortableFields	array	The list of fields using which the data in the list is sorted
currentPage	integer	Index of the currentPage
totalPages	integer	Total number of pages available for the filter

Rule Blocks Management

API to manage rule blocks.

Fetch rule block entities

Fetch all the business rules blocks. It also supports pagination, sorting and search to refine the search results.

POST https://localhost/api/v1/ruleblocks/list

Sample Request

curl -v -X POST "https://localhost/api/v1/ruleblocks/list" -d '{"filters": {}, "page": {"index": 0, "size": 25}, "sort": {"columns": {"name": "_id", "direction": "DESC"}}}'

```
{
    "filters": {},
    "page": {
        "index": 0,
        "size": 25
    },
    "sort": {
        "columns": {
            "name": "_id",
            "direction": "DESC"
        }
    }
}
```

Parameter	Type	Data Type	Required	Description
filters	body	object	N	Filters to apply during the search operation
page	body	object	N	Pagination details
sort	body	object	N	Sorting details
index	body	integer	N	Index of the page that you want to retrieve
size	body	integer	N	Number of records per page

columns	body	array	N	List of sortable columns

Sample Response

200 Paginated response

```
{
   "totalCount": 60,
   "list": [
      {
         "id": "62e845108f2169746f9fc2b7",
         "actions": [
            {
               "actionType": "",
               "propertyActionAttributes": {
                  "propertyActionField": "fieldName",
                  "propertyId": "62e845108f2169746f9fc2b8",
                  "propertyName": "property_Name",
                  "propertyValue": "fieldName",
                  "threshold": {
                     "operator": "",
                     "value": "30"
                  }
               },
               "statsActionAttributes": {
                  "highThreshold": {
                     "operator": "",
                     "value": "30"
                  },
                  "lowThreshold": {
                     "operator": "",
                     "value": "30"
                  },
                  "qualityDimension": "",
                  "ruleActionStatsField": "field_name"
               },
               "termActionAttributes": {
                  "termActionField": "field_name",
                  "termIds": [
                     {
                        "timestamp": 0,
                        "counter": 0,
```

```
              "randomValue1": 0,
              "randomValue2": 0,
              "date": "2022-03-10"
            }
          ],
          "threshold": {
            "operator": "",
            "value": "30"
          }
        },
        "changeTermStateAttributes": {
          "termIds": [
            {
              "timestamp": 0,
              "counter": 0,
              "randomValue1": 0,
              "randomValue2": 0,
              "date": "2022-03-10"
            }
          ],
          "termAssignmentState": "ACCEPT_AND_USE_IN_LEARNING"
        },
        "computeDQScoreAttributes": {
          "fieldName": "column12",
          "scoreFormula": "Accuracy*0.17 + Completeness*0.17 + Consistency*0.16 +
Timeliness*0.16 + Uniqueness*0.17 + Validity*0.17"
        },
        "updateSensitivityAttributes": {
          "resourceName": "Demo.csv",
          "setSensitivity": "MEDIUM"
        }
      }
    ],
    "criteria": "",
    "dataVersion": 26,
    "description": "RuleBlock description",
    "name": "RuleBlock_name",
    "scope": {
      "fieldTerms": [
        "string"
      ],
      "logicalPaths": [
```

```
            "string"
        ],
        "resourceTerms": [
            "string"
        ],
        "sourcePropertyFilters": {},
        "termState": "",
        "virtualFolders": [
            "string"
        ]
    },
    "sourceType": "embedded",
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z",
    "type": "Scope"
    }
  ],
  "sortableFields": [
    "id"
  ],
  "currentPage": 1,
  "totalPages": 6
}
```

Parameter	Data Type	Description
totalCount	integer	The total number of results found in the request.
list	array	RuleBlocks list
sortableFields	array	The list of fields using which the data in the list is sorted
currentPage	integer	Index of the currentPage
totalPages	integer	Total number of pages available for the filter

Initiate import job

Initiate import job and return JobExecutionResponse object which includes response message and jobId.

POST https://localhost/api/v1/ruleblocks/import

Sample Request

curl -v -X POST "https://localhost/api/v1/ruleblocks/import" -F '"overwrite=@sample-file.txt;text/plain"'

Parameter	Type	Data Type	Required	Description
file	body	string	Y	Input file to be uploaded
overwrite	body	boolean	Y	Overwrite flag to inform the server to overwrite the record if it exists

Sample Response

202 Job Initiated

```
{
    "templateKey": "633acc8855c17b0b531082f5",
    "jobInstanceKey": "633acc95c16bd1274f774f2f",
    "status": "SUCCESS",
    "message": "Successfully triggered the job"
}
```

Parameter	Data Type	Description
templateKey	string	Template ID using which the job is triggered
jobInstanceKey	string	Triggered job ID
status	string	Job execution status
message	string	Message

Rule Management

API to manage rule blocks.

Fetch business rule entities

Fetch all the business rules. It also supports pagination, sorting and search to refine the search results.

POST https://localhost/api/v1/rules/list

Sample Request

curl -v -X POST "https://localhost/api/v1/rules/list" -d '{"filters": {}, "page": {"index": 0, "size": 25}, "sort": {"columns": {"name": "_id", "direction": "DESC"}}}'

```
{
   "filters": {},
   "page": {
      "index": 0,
      "size": 25
   },
   "sort": {
      "columns": {
         "name": "_id",
         "direction": "DESC"
      }
   }
}
```

Parameter	Type	Data Type	Required	Description
filters	body	object	N	Filters to apply during the search operation
page	body	object	N	Pagination details
sort	body	object	N	Sorting details
index	body	integer	N	Index of the page that you want to retrieve

size	body	integer	N	Number of records per page
columns	body	array	N	List of sortable columns

Sample Response

200 Paginated response

```
{
    "totalCount": 60,
    "list": [
        {
            "id": "62e845108f2169746f9fc2b7",
            "approved": true,
            "attributes": {},
            "dataVersion": 26,
            "description": "Rule description",
            "displayName": "Rule_name",
            "enabled": true,
            "executeRule": "Manually",
            "externalRuleId": "",
            "externalRuleLink": "",
            "externalRuleName": "true",
            "glossaryTerms": "[62e4c2ee8c764dc782c241d8]",
            "name": "Rule_name",
            "ruleActions": "62e845108f2169746f9fc2b7",
            "ruleBody": "62e845108f2169746f9fc2b7",
            "ruleScope": "62e845108f2169746f9fc2b7",
            "schedule": {
                "frequency": "",
                "startTime": "2022-03-10T16:15:50Z"
            },
            "timeOfCreation": "2022-03-10T16:15:50Z",
            "timeOfLastChange": "2022-03-10T16:15:50Z",
            "type": "Validity"
        }
    ],
    "sortableFields": [
        "id"
    ],
    "currentPage": 1,
    "totalPages": 6
}
```

Parameter	Data Type	Description
totalCount	integer	The total number of results found in the request.
list	array	Rules list
sortableFields	array	The list of fields using which the data in the list is sorted
currentPage	integer	Index of the currentPage
totalPages	integer	Total number of pages available for the filter

Initiate import job

Initiate import job and return JobExecutionResponse object which includes response message and jobId.

POST https://localhost/api/v1/rules/import

Sample Request

curl -v -X POST "https://localhost/api/v1/rules/import" -F '"overwrite=@sample-file.txt;text/plain"'

Parameter	Type	Data Type	Required	Description
file	body	string	Y	Input file to be uploaded
overwrite	body	boolean	Y	Overwrite flag to inform the server to overwrite the record if it exists

Sample Response

202 Job Initiated

```
{
    "templateKey": "633acc8855c17b0b531082f5",
    "jobInstanceKey": "633acc95c16bd1274f774f2f",
    "status": "SUCCESS",
    "message": "Successfully triggered the job"
}
```

Parameter	Data Type	Description
templateKey	string	Template ID using which the job is triggered

jobInstanceKey	string	Triggered job ID
status	string	Job execution status
message	string	Message

Term Association

Manage associations between business term and data entity.

Create term associations in bulk

Create a term to DataEntity association relation with given details and returns the association object.

POST https://localhost/api/v1/termassociation/bulk

Sample Request

curl -v -X POST "https://localhost/api/v1/termassociation/bulk" -d '[{"id": "63048125dd9fee0d5bc9e965", "fieldId": "63048125dd9fee0d5bc9e961", "termId": "63048125dd9fee0d5bc9e965", "resourceId": "63048125dd9fee0d5bc9e962", "sourceId": "63048125dd9fee0d5bc9e963", "glossaryId": "63048125dd9fee0d5bc9e964", "termAssociatedBy": "Manual", "methodType": "Manual", "termAcceptance": "Manual", "termAssociationSemantic": "Dates", "termAssociationState": "ACCEPTED", "termAssociationType": "Resource", "termAssociationWeight": 1, "termFeatures": {}, "stoppedOnNthMatch": false, "owner": "sam_admin", "termAssociationRelationshipType": "containsRelationship"}]'

```
[
  {
     "id": "63048125dd9fee0d5bc9e965",
     "fieldId": "63048125dd9fee0d5bc9e961",
     "termId": "63048125dd9fee0d5bc9e965",
     "resourceId": "63048125dd9fee0d5bc9e962",
     "sourceId": "63048125dd9fee0d5bc9e963",
     "glossaryId": "63048125dd9fee0d5bc9e964",
     "termAssociatedBy": "Manual",
     "methodType": "Manual",
     "termAcceptance": "Manual",
     "termAssociationSemantic": "Dates",
     "termAssociationState": "ACCEPTED",
     "termAssociationType": "Resource",
     "termAssociationWeight": 1,
     "termFeatures": {},
     "stoppedOnNthMatch": false,
     "owner": "sam_admin",
     "termAssociationRelationshipType": "containsRelationship"
  }
]
```

Parameter	Type	Data Type	Required	Description
id	body	string	Y	ID of the TermAssociation
fieldId	body	string	N	ID of the field (Overrides termLogicalPath)
termId	body	string	Y	ID of the term being associated
resourceId	body	string	Y	ID of the resource being associated (Overrides resourceLogicalPath)
sourceId	body	string	Y	ID of the Source of the resource (Overrides sourceName)
glossaryId	body	string	Y	ID of term's Glossary (Overrides glossaryName)
termAssociatedBy	body	string	N	Operation which created the association
methodType	body	string	N	term association method type
termAcceptance	body	string	N	term association acceptance
termAssociationSemantic	body	string	N	Association relation semantic
termAssociationState	body	string	N	State of the association
termAssociationType	body	string	N	Type of resource for which the association is made
termAssociationWeight	body	integer	N	Weightage related to this association
termFeatures	body	object	N	Additional feature attributes
stoppedOnNthMatch	body	boolean	N	Internal flag to determine unstructured processing mode
owner	body	string	N	Owner of this association

Parameter	Type	Data Type	Required	Description
termAssociationRelationshipType	body	object	N	Association Type which determines the kind of relation

Sample Response

201 List of term association objects created

```
[
  {
    "id": "63048125dd9fee0d5bc9e965",
    "fieldId": "63048125dd9fee0d5bc9e961",
    "glossaryId": "63048125dd9fee0d5bc9e964",
    "resourceId": "63048125dd9fee0d5bc9e962",
    "sourceId": "63048125dd9fee0d5bc9e963",
    "termId": "63048125dd9fee0d5bc9e965",
    "termAssociatedBy": "Manual",
    "termAssociationSemantic": "Dates",
    "termAssociationState": "ACCEPTED",
    "termAssociationType": "Resource",
    "termAssociationWeight": 1,
    "termFeatures": {},
    "stoppedOnNthMatch": false,
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z"
  }
]
```

Parameter	Data Type	Description
id	string	ID of the TermAssociation
fieldId	string	ID of the field (Overrides termLogicalPath)
glossaryId	string	ID of term's Glossary (Overrides glossaryName)
resourceId	string	ID of the resource being associated (Overrides resourceLogicalPath)
sourceId	string	ID of the Source of the resource (Overrides sourceName)

termId	string	ID of the term being associated
termAssociatedBy	string	Operation which created the association
termAssociationSemantic	string	Association relation semantic
termAssociationState	string	State of the association
termAssociationType	string	Type of resource for which the association is made
termAssociationWeight	integer	Weightage related to this association
termFeatures	object	Term features
stoppedOnNthMatch	boolean	Internal flag to determine unstructured processing mode
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated

Create term association

Create a term to DataEntity association relation with given details and returns the association object.

POST https://localhost/api/v1/termassociation

Sample Request

curl -v -X POST "https://localhost/api/v1/termassociation" -d '{"id": "63048125dd9fee0d5bc9e965", "fieldId": "63048125dd9fee0d5bc9e961", "termId": "63048125dd9fee0d5bc9e965", "resourceId": "63048125dd9fee0d5bc9e962", "sourceId": "63048125dd9fee0d5bc9e963", "glossaryId": "63048125dd9fee0d5bc9e964", "termAssociatedBy": "Manual", "methodType": "Manual", "termAcceptance": "Manual", "termAssociationSemantic": "Dates", "termAssociationState": "ACCEPTED", "termAssociationType": "Resource", "termAssociationWeight": 1, "termFeatures": {}, "stoppedOnNthMatch": false, "owner": "sam_admin", "termAssociationRelationshipType": "containsRelationship"}'

```
{
    "id": "63048125dd9fee0d5bc9e965",
    "fieldId": "63048125dd9fee0d5bc9e961",
    "termId": "63048125dd9fee0d5bc9e965",
    "resourceId": "63048125dd9fee0d5bc9e962",
    "sourceId": "63048125dd9fee0d5bc9e963",
    "glossaryId": "63048125dd9fee0d5bc9e964",
    "termAssociatedBy": "Manual",
    "methodType": "Manual",
    "termAcceptance": "Manual",
    "termAssociationSemantic": "Dates",
    "termAssociationState": "ACCEPTED",
    "termAssociationType": "Resource",
    "termAssociationWeight": 1,
    "termFeatures": {},
    "stoppedOnNthMatch": false,
    "owner": "sam_admin",
    "termAssociationRelationshipType": "containsRelationship"
}
```

Parameter	Type	Data Type	Required	Description
id	body	string	Y	ID of the TermAssociation
fieldId	body	string	N	ID of the field (Overrides termLogicalPath)

Parameter	Type	Data Type	Required	Description
termId	body	string	Y	ID of the term being associated
resourceId	body	string	Y	ID of the resource being associated (Overrides resourceLogicalPath)
sourceId	body	string	Y	ID of the Source of the resource (Overrides sourceName)
glossaryId	body	string	Y	ID of term's Glossary (Overrides glossaryName)
termAssociatedBy	body	string	N	Operation which created the association
methodType	body	string	N	term association method type
termAcceptance	body	string	N	term association acceptance
termAssociationSemantic	body	string	N	Association relation semantic
termAssociationState	body	string	N	State of the association
termAssociationType	body	string	N	Type of resource for which the association is made
termAssociationWeight	body	integer	N	Weightage related to this association
termFeatures	body	object	N	Additional feature attributes
stoppedOnNthMatch	body	boolean	N	Internal flag to determine unstructured processing mode
owner	body	string	N	Owner of this association
termAssociationRelationshipType	body	object	N	Association Type which determines the kind of relation

Sample Response

201 TermAssociation object

```
{
    "id": "63048125dd9fee0d5bc9e965",
    "fieldId": "63048125dd9fee0d5bc9e961",
    "glossaryId": "63048125dd9fee0d5bc9e964",
    "resourceId": "63048125dd9fee0d5bc9e962",
    "sourceId": "63048125dd9fee0d5bc9e963",
    "termId": "63048125dd9fee0d5bc9e965",
    "termAssociatedBy": "Manual",
    "termAssociationSemantic": "Dates",
    "termAssociationState": "ACCEPTED",
    "termAssociationType": "Resource",
    "termAssociationWeight": 1,
    "termFeatures": {},
    "stoppedOnNthMatch": false,
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z"
}
```

Parameter	Data Type	Description
id	string	ID of the TermAssociation
fieldId	string	ID of the field (Overrides termLogicalPath)
glossaryId	string	ID of term's Glossary (Overrides glossaryName)
resourceId	string	ID of the resource being associated (Overrides resourceLogicalPath)
sourceId	string	ID of the Source of the resource (Overrides sourceName)
termId	string	ID of the term being associated
termAssociatedBy	string	Operation which created the association
termAssociationSemantic	string	Association relation semantic
termAssociationState	string	State of the association
termAssociationType	string	Type of resource for which the association is made

Parameter	Data Type	Description
termAssociationWeight	integer	Weightage related to this association
termFeatures	object	Term features
stoppedOnNthMatch	boolean	Internal flag to determine unstructured processing mode
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated

Delete term association

Delete a Term Association and update related resources.

DELETE https://localhost/api/v1/termassociation/{id}

Sample Request

curl -v -X DELETE "https://localhost/api/v1/termassociation/sample-id"

Parameter	Type	Data Type	Required	Description
id	path	string	Y	ID of the term association

Sample Response

200 TermAssociation Successfully deleted

204 No Content

Fetch term association by ID

Fetch the TermAssociation for the provided ID.

GET https://localhost/api/v1/termassociation/{id}

Sample Request

curl -v -X GET "https://localhost/api/v1/termassociation/sample-id"

Parameter	Type	Data Type	Required	Description
id	path	string	Y	ID of the term association

Sample Response

200 TermAssociation

```
{
    "id": "63048125dd9fee0d5bc9e965",
    "fieldId": "63048125dd9fee0d5bc9e961",
    "glossaryId": "63048125dd9fee0d5bc9e964",
    "resourceId": "63048125dd9fee0d5bc9e962",
    "sourceId": "63048125dd9fee0d5bc9e963",
    "termId": "63048125dd9fee0d5bc9e965",
    "termAssociatedBy": "Manual",
    "termAssociationSemantic": "Dates",
    "termAssociationState": "ACCEPTED",
    "termAssociationType": "Resource",
    "termAssociationWeight": 1,
    "termFeatures": {},
    "stoppedOnNthMatch": false,
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z"
}
```

Parameter	Data Type	Description
id	string	ID of the TermAssociation
fieldId	string	ID of the field (Overrides termLogicalPath)
glossaryId	string	ID of term's Glossary (Overrides glossaryName)
resourceId	string	ID of the resource being associated (Overrides resourceLogicalPath)
sourceId	string	ID of the Source of the resource (Overrides sourceName)
termId	string	ID of the term being associated
termAssociatedBy	string	Operation which created the association
termAssociationSemantic	string	Association relation semantic
termAssociationState	string	State of the association
termAssociationType	string	Type of resource for which the association is made

Parameter	Data Type	Description
termAssociationWeight	integer	Weightage related to this association
termFeatures	object	Term features
stoppedOnNthMatch	boolean	Internal flag to determine unstructured processing mode
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated

Get term associations matching search criteria

Fetch all the TermAssociations matching the search criteria with pagination.

POST https://localhost/api/v1/termassociation/search

Sample Request

curl -v -X POST "https://localhost/api/v1/termassociation/search" -d '{"filters": {}, "page": {"index": 0, "size": 25}, "sort": {"columns": {"name": "_id", "direction": "DESC"}}}'

```
{
   "filters": {},
   "page": {
      "index": 0,
      "size": 25
   },
   "sort": {
      "columns": {
         "name": "_id",
         "direction": "DESC"
      }
   }
}
```

Parameter	Type	Data Type	Required	Description
filters	body	object	N	Filters to apply during the search operation
page	body	object	N	Pagination details

Parameter	Type	Data Type	Required	Description
sort	body	object	N	Sorting details
index	body	integer	N	Index of the page that you want to retrieve
size	body	integer	N	Number of records per page
columns	body	array	N	List of sortable columns

Sample Response

200 Paginated response

```
{
    "totalCount": 60,
    "list": [
        {
            "id": "63048125dd9fee0d5bc9e965",
            "fieldId": "63048125dd9fee0d5bc9e961",
            "glossaryId": "63048125dd9fee0d5bc9e964",
            "resourceId": "63048125dd9fee0d5bc9e962",
            "sourceId": "63048125dd9fee0d5bc9e963",
            "termId": "63048125dd9fee0d5bc9e965",
            "termAssociatedBy": "Manual",
            "termAssociationSemantic": "Dates",
            "termAssociationState": "ACCEPTED",
            "termAssociationType": "Resource",
            "termAssociationWeight": 1,
            "termFeatures": {},
            "stoppedOnNthMatch": false,
            "timeOfCreation": "2022-03-10T16:15:50Z",
            "timeOfLastChange": "2022-03-10T16:15:50Z"
        }
    ],
    "sortableFields": [
        "id"
    ],
    "currentPage": 1,
    "totalPages": 6
}
```

Parameter	Data Type	Description
totalCount	integer	The total number of results found in the request.
list	array	TermAssociation list
sortableFields	array	The list of fields using which the data in the list is sorted
currentPage	integer	Index of the currentPage
totalPages	integer	Total number of pages available for the filter

Initiate asynchronous term associations import job

Initiate an import job asynchronously and return JobExecutionResponse object which includes response message and jobId.

POST https://localhost/api/v1/termassociation/import

Sample Request

curl -v -X POST "https://localhost/api/v1/termassociation/import" -F '"overwrite=@sample-file.txt;text/plain"'

Parameter	Type	Data Type	Required	Description
file	body	string	Y	Input file to be uploaded
overwrite	body	boolean	Y	Overwrite flag to inform the server to overwrite the record if it exists

Sample Response

202 Job Initiated

```
{
    "templateKey": "633acc8855c17b0b531082f5",
    "jobInstanceKey": "633acc95c16bd1274f774f2f",
    "status": "SUCCESS",
    "message": "Successfully triggered the job"
}
```

Parameter	Data Type	Description
templateKey	string	Template ID using which the job is triggered
jobInstanceKey	string	Triggered job ID
status	string	Job execution status
message	string	Message

Update term associations in bulk

Update a term to DataEntity association relation with given details and returns the association object.

PUT https://localhost/api/v1/termassociation/bulk

Sample Request

curl -v -X PUT "https://localhost/api/v1/termassociation/bulk" -d '[{"id": "63048125dd9fee0d5bc9e965", "fieldId": "63048125dd9fee0d5bc9e961", "termId": "63048125dd9fee0d5bc9e965", "resourceId": "63048125dd9fee0d5bc9e962", "sourceId": "63048125dd9fee0d5bc9e963", "glossaryId": "63048125dd9fee0d5bc9e964", "termAssociatedBy": "Manual", "methodType": "Manual", "termAcceptance": "Manual", "termAssociationSemantic": "Dates", "termAssociationState": "ACCEPTED", "termAssociationType": "Resource", "termAssociationWeight": 1, "termFeatures": {}, "stoppedOnNthMatch": false, "owner": "sam_admin", "termAssociationRelationshipType": "containsRelationship"}]'

```
[
  {
    "id": "63048125dd9fee0d5bc9e965",
    "fieldId": "63048125dd9fee0d5bc9e961",
    "termId": "63048125dd9fee0d5bc9e965",
    "resourceId": "63048125dd9fee0d5bc9e962",
    "sourceId": "63048125dd9fee0d5bc9e963",
    "glossaryId": "63048125dd9fee0d5bc9e964",
    "termAssociatedBy": "Manual",
    "methodType": "Manual",
    "termAcceptance": "Manual",
    "termAssociationSemantic": "Dates",
    "termAssociationState": "ACCEPTED",
    "termAssociationType": "Resource",
    "termAssociationWeight": 1,
    "termFeatures": {},
    "stoppedOnNthMatch": false,
```

```
    "owner": "sam_admin",
    "termAssociationRelationshipType": "containsRelationship"
  }
]
```

Parameter	Type	Data Type	Required	Description
id	body	string	Y	ID of the TermAssociation
fieldId	body	string	N	ID of the field (Overrides termLogicalPath)
termId	body	string	Y	ID of the term being associated
resourceId	body	string	Y	ID of the resource being associated (Overrides resourceLogicalPath)
sourceId	body	string	Y	ID of the Source of the resource (Overrides sourceName)
glossaryId	body	string	Y	ID of term's Glossary (Overrides glossaryName)
termAssociatedBy	body	string	N	Operation which created the association
methodType	body	string	N	term association method type
termAcceptance	body	string	N	term association acceptance
termAssociationSemantic	body	string	N	Association relation semantic
termAssociationState	body	string	N	State of the association
termAssociationType	body	string	N	Type of resource for which the association is made
termAssociationWeight	body	integer	N	Weightage related to this association
termFeatures	body	object	N	Additional feature attributes

Parameter	Type	Data Type	Required	Description
stoppedOnNthMatch	body	boolean	N	Internal flag to determine unstructured processing mode
owner	body	string	N	Owner of this association
termAssociationRelationshipType	body	object	N	Association Type which determines the kind of relation

Sample Response

200 List of term association objects updated

```
[
  {
    "id": "63048125dd9fee0d5bc9e965",
    "fieldId": "63048125dd9fee0d5bc9e961",
    "glossaryId": "63048125dd9fee0d5bc9e964",
    "resourceId": "63048125dd9fee0d5bc9e962",
    "sourceId": "63048125dd9fee0d5bc9e963",
    "termId": "63048125dd9fee0d5bc9e965",
    "termAssociatedBy": "Manual",
    "termAssociationSemantic": "Dates",
    "termAssociationState": "ACCEPTED",
    "termAssociationType": "Resource",
    "termAssociationWeight": 1,
    "termFeatures": {},
    "stoppedOnNthMatch": false,
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z"
  }
]
```

Parameter	Data Type	Description
id	string	ID of the TermAssociation
fieldId	string	ID of the field (Overrides termLogicalPath)
glossaryId	string	ID of term's Glossary (Overrides glossaryName)

Parameter	Data Type	Description
resourceId	string	ID of the resource being associated (Overrides resourceLogicalPath)
sourceId	string	ID of the Source of the resource (Overrides sourceName)
termId	string	ID of the term being associated
termAssociatedBy	string	Operation which created the association
termAssociationSemantic	string	Association relation semantic
termAssociationState	string	State of the association
termAssociationType	string	Type of resource for which the association is made
termAssociationWeight	integer	Weightage related to this association
termFeatures	object	Term features
stoppedOnNthMatch	boolean	Internal flag to determine unstructured processing mode
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated

Update term association

Update a term to DataEntity association relation with provided details and return the association object.

PUT https://localhost/api/v1/termassociation/{id}

Sample Request

curl -v -X PUT "https://localhost/api/v1/termassociation/sample-id" -d '{"id": "63048125dd9fee0d5bc9e965", "fieldId": "63048125dd9fee0d5bc9e961", "termId": "63048125dd9fee0d5bc9e965", "resourceId": "63048125dd9fee0d5bc9e962", "sourceId": "63048125dd9fee0d5bc9e963", "glossaryId": "63048125dd9fee0d5bc9e964", "termAssociatedBy": "Manual", "methodType": "Manual", "termAcceptance": "Manual", "termAssociationSemantic": "Dates", "termAssociationState": "ACCEPTED", "termAssociationType": "Resource", "termAssociationWeight": 1, "termFeatures": {}, "stoppedOnNthMatch": false, "owner": "sam_admin", "termAssociationRelationshipType": "containsRelationship"}'

```
{
    "id": "63048125dd9fee0d5bc9e965",
    "fieldId": "63048125dd9fee0d5bc9e961",
    "termId": "63048125dd9fee0d5bc9e965",
    "resourceId": "63048125dd9fee0d5bc9e962",
    "sourceId": "63048125dd9fee0d5bc9e963",
    "glossaryId": "63048125dd9fee0d5bc9e964",
    "termAssociatedBy": "Manual",
    "methodType": "Manual",
    "termAcceptance": "Manual",
    "termAssociationSemantic": "Dates",
    "termAssociationState": "ACCEPTED",
    "termAssociationType": "Resource",
    "termAssociationWeight": 1,
    "termFeatures": {},
    "stoppedOnNthMatch": false,
    "owner": "sam_admin",
    "termAssociationRelationshipType": "containsRelationship"
}
```

Parameter	Type	Data Type	Required	Description
id	path	string	Y	ID of the term association
id	body	string	Y	ID of the TermAssociation
fieldId	body	string	N	ID of the field (Overrides termLogicalPath)
termId	body	string	Y	ID of the term being associated
resourceId	body	string	Y	ID of the resource being associated (Overrides resourceLogicalPath)
sourceId	body	string	Y	ID of the Source of the resource (Overrides sourceName)
glossaryId	body	string	Y	ID of term's Glossary (Overrides glossaryName)

Parameter	Type	Data Type	Required	Description
termAssociatedBy	body	string	N	Operation which created the association
methodType	body	string	N	term association method type
termAcceptance	body	string	N	term association acceptance
termAssociationSemantic	body	string	N	Association relation semantic
termAssociationState	body	string	N	State of the association
termAssociationType	body	string	N	Type of resource for which the association is made
termAssociationWeight	body	integer	N	Weightage related to this association
termFeatures	body	object	N	Additional feature attributes
stoppedOnNthMatch	body	boolean	N	Internal flag to determine unstructured processing mode
owner	body	string	N	Owner of this association
termAssociationRelationshipType	body	object	N	Association Type which determines the kind of relation

Sample Response

201 TermAssociation object

```
{
    "id": "63048125dd9fee0d5bc9e965",
    "fieldId": "63048125dd9fee0d5bc9e961",
    "glossaryId": "63048125dd9fee0d5bc9e964",
    "resourceId": "63048125dd9fee0d5bc9e962",
    "sourceId": "63048125dd9fee0d5bc9e963",
    "termId": "63048125dd9fee0d5bc9e965",
    "termAssociatedBy": "Manual",
    "termAssociationSemantic": "Dates",
    "termAssociationState": "ACCEPTED",
    "termAssociationType": "Resource",
    "termAssociationWeight": 1,
```

```
      "termFeatures": {},
      "stoppedOnNthMatch": false,
      "timeOfCreation": "2022-03-10T16:15:50Z",
      "timeOfLastChange": "2022-03-10T16:15:50Z"
}
```

Parameter	Data Type	Description
id	string	ID of the TermAssociation
fieldId	string	ID of the field (Overrides termLogicalPath)
glossaryId	string	ID of term's Glossary (Overrides glossaryName)
resourceId	string	ID of the resource being associated (Overrides resourceLogicalPath)
sourceId	string	ID of the Source of the resource (Overrides sourceName)
termId	string	ID of the term being associated
termAssociatedBy	string	Operation which created the association
termAssociationSemantic	string	Association relation semantic
termAssociationState	string	State of the association
termAssociationType	string	Type of resource for which the association is made
termAssociationWeight	integer	Weightage related to this association
termFeatures	object	Term features
stoppedOnNthMatch	boolean	Internal flag to determine unstructured processing mode
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated

User Management

API to manage Users.

Fetch users

Fetch all the users. It also supports pagination, sorting and search to refine the search results.

POST https://localhost/api/v1/users/search

Sample Request

curl -v -X POST "https://localhost/api/v1/users/search" -d '{"filters": {}, "page": {"index": 0, "size": 25}, "sort": {"columns": {"name": "_id", "direction": "DESC"}}}'

```
{
   "filters": {},
   "page": {
      "index": 0,
      "size": 25
   },
   "sort": {
      "columns": {
         "name": "_id",
         "direction": "DESC"
      }
   }
}
```

Parameter	Type	Data Type	Required	Description
filters	body	object	N	Filters to apply during the search operation
page	body	object	N	Pagination details
sort	body	object	N	Sorting details
index	body	integer	N	Index of the page that you want to retrieve
size	body	integer	N	Number of records per page
columns	body	array	N	List of sortable columns

Sample Response

200 Paginated response

```
{
    "totalCount": 60,
    "list": [
        {
            "id": "607567590ced4472ab23be73",
            "type": "User",
            "email": "john_doe@hv.com",
            "firstName": "john",
            "lastName": "doe",
            "displayName": "John Doe",
            "description": "User created in the login flow",
            "userAvatar": "",
            "lastLoginTime": "",
            "timeOfCreation": "2022-03-10T16:15:50Z",
            "timeOfLastChange": "2022-03-10T16:15:50Z",
            "keycloakId": "d6146eaa-822d-4b94-90d3-0d0a7dcd57ed",
            "roles": [],
            "permissions": [],
            "owner": false,
            "sampleDataAccess": "false",
            "status": "true",
            "emailConfirmed": "true",
            "resetPasswordToken": "",
            "resetPasswordExpirationTime": "",
            "extraAttributes": {}
        }
    ],
    "sortableFields": [
        "id"
    ],
    "currentPage": 1,
    "totalPages": 6
}
```

Parameter	Data Type	Description
totalCount	integer	The total number of results found in the request.
list	array	User list
sortableFields	array	The list of fields using which the data in the list is sorted
currentPage	integer	Index of the currentPage
totalPages	integer	Total number of pages available for the filter

Virtual Folder Management

API to manage virtual folders.

Create virtual folder

Create virtual folder with the provided details and return virtual folder entity.

POST https://localhost/api/v1/virtualfolders

Sample Request

curl -v -X POST "https://localhost/api/v1/virtualfolders" -d '{"id": "", "name": "HdfsRawDataset", "description": "HdfsRawDataset", "parentVirtualFolder": "62e4c1fdbf1a23dcd11d4b23", "richDescriptionIds": "[62e4c2ee8c764dc782c241d8]", "statistics": {}, "beAttributes": {"vfPathSpecs": [{"source": "62e4c7490870650b149ad945", "path": "/user/home/dataset/", "include": [".*"], "exclude": []}], "owners": ["62e4c5cd7a0a55cfc508d66c"], "experts": ["62e4c5cd7a0a55cfc508d66c"], "customProperties": [{"name": "VFGroup"}], "labels": ["string"], "publishingSource": false, "publishingTarget": false}, "attributes": {}}'

```
{
    "id": "",
    "name": "HdfsRawDataset",
    "description": "HdfsRawDataset",
    "parentVirtualFolder": "62e4c1fdbf1a23dcd11d4b23",
    "richDescriptionIds": "[62e4c2ee8c764dc782c241d8]",
    "statistics": {},
    "beAttributes": {
        "vfPathSpecs": [
            {
                "source": "62e4c7490870650b149ad945",
                "path": "/user/home/dataset/",
                "include": [
                    ".*"
                ],
                "exclude": []
            }
        ],
        "owners": [
            "62e4c5cd7a0a55cfc508d66c"
        ],
        "experts": [
            "62e4c5cd7a0a55cfc508d66c"
        ],
```

```
    "customProperties": [
      {
        "name": "VFGroup"
      }
    ],
    "labels": [
      "string"
    ],
    "publishingSource": false,
    "publishingTarget": false
  },
  "attributes": {}
}
```

Parameter	Type	Data Type	Required	Description
id	body	string	N	ID of the virtual folder
name	body	string	Y	Name of the virtual folder
description	body	string	N	Description of the virtual folder
parentVirtualFolder	body	string	N	Parent virtual folder ID
richDescriptionIds	body	array	N	Identifiers of the rich description
statistics	body	object	N	Statistics of the virtual folder
beAttributes	body	object	N	Backend attributes of the virtual folder
attributes	body	object	N	Attributes of the virtual folder
vfPathSpecs	body	array	Y	List of path specifications
executionRecords	body	object	N	Execution records of the virtual folder
owners	body	array	N	Identifiers of the owners
experts	body	array	N	Identifiers of the experts
customProperties	body	array	N	Custom properties of the virtual folder
labels	body	array	N	Labels of the virtual folder

Parameter	Type	Data Type	Required	Description
publishingSource	body	boolean	N	Is this virtual folder, a publishing source?
publishingTarget	body	boolean	N	Is this virtual folder, a publishing target?
source	body	string	N	Datasource ID
path	body	string	N	Path of the virtual folder
include	body	array	N	Include pattern. It supports any regular expression which java supports.
exclude	body	array	N	Exclude pattern. It supports any regular expression which java supports.
name	body	string	N	Custom property name
value	body	object	N	Custom property value

Sample Response

201 Virtual folder entity

```
{
   "id": "62e845108f2169746f9fc2b7",
   "name": "HdfsRawDataset",
   "type": "VirtualFolder",
   "displayName": "Hdfs Raw Dataset",
   "description": "HdfsRawDataset",
   "logicalPath": "Hdfs Raw Dataset",
   "parentVirtualFolder": "62e4c1fdbf1a23dcd11d4b23",
   "agentId": "62e4c23690ef7a2b0ccb7c9d",
   "richDescriptionIds": "[62e4c2ee8c764dc782c241d8]",
   "statistics": {},
   "dataVersion": 26,
   "rootVirtualFolder": false,
   "beAttributes": {
      "vfPathSpecs": [
         {
            "source": "62e4c7490870650b149ad945",
            "path": "/user/home/dataset/",
            "include": [
               ".*"
            ],
            "exclude": []
         }
      ],
      "owners": [
         "62e4c5cd7a0a55cfc508d66c"
      ],
      "experts": [
         "62e4c5cd7a0a55cfc508d66c"
      ],
      "customProperties": [
         {
            "name": "VFGroup"
         }
      ],
      "labels": [
         "string"
      ],
```

```
      "publishingSource": false,
      "publishingTarget": false
    },
    "attributes": {},
    "deleted": false,
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z"
}
```

Parameter	Data Type	Description
id	string	Identifier of the virtual folder
name	string	Name of the virtual folder
type	string	Type
displayName	string	Display name of the virtual folder
description	string	Description of the virtual folder
logicalPath	string	Logical path of the virtual folder
parentVirtualFolder	string	Parent virtual folder ID
agentId	string	Agent ID
richDescriptionIds	array	Identifiers of the rich description
statistics	object	Statistics of the virtual folder
dataVersion	integer	Data version
rootVirtualFolder	boolean	Flag to identify the root virtual folder
beAttributes	object	Backend attributes of the virtual folder
attributes	object	Attributes of the virtual folder
deleted	boolean	Flag to identify if it is being deleted
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated

Parameter	Data Type	Description
vfPathSpecs	array	List of path specifications
executionRecords	object	Execution records of the virtual folder
owners	array	Identifiers of the owners
experts	array	Identifiers of the experts
customProperties	array	Custom properties of the virtual folder
labels	array	Labels of the virtual folder
publishingSource	boolean	Is this virtual folder, a publishing source?
publishingTarget	boolean	Is this virtual folder, a publishing target?

Parameter	Data Type	Description
source	string	Datasource ID
path	string	Path of the virtual folder
include	array	Include pattern. It supports any regular expression which java supports.
exclude	array	Exclude pattern. It supports any regular expression which java supports.

Parameter	Data Type	Description
name	string	Custom property name
value	object	Custom property value

Create virtual folder entities in bulk

Create virtual folders in bulk.

POST https://localhost/api/v1/virtualfolders/bulk

Sample Request

curl -v -X POST "https://localhost/api/v1/virtualfolders/bulk" -d '[{"id": "", "name": "HdfsRawDataset", "description": "HdfsRawDataset", "parentVirtualFolder": "62e4c1fdbf1a23dcd11d4b23", "richDescriptionIds": "[62e4c2ee8c764dc782c241d8]", "statistics": {}, "beAttributes": {"vfPathSpecs": [{"source": "62e4c7490870650b149ad945", "path": "/user/home/dataset/", "include": [".*"], "exclude": []}], "owners": ["62e4c5cd7a0a55cfc508d66c"], "experts": ["62e4c5cd7a0a55cfc508d66c"], "customProperties": [{"name": "VFGroup"}], "labels": ["string"], "publishingSource": false, "publishingTarget": false}, "attributes": {}}]'

```
[
  {
    "id": "",
    "name": "HdfsRawDataset",
    "description": "HdfsRawDataset",
    "parentVirtualFolder": "62e4c1fdbf1a23dcd11d4b23",
    "richDescriptionIds": "[62e4c2ee8c764dc782c241d8]",
    "statistics": {},
    "beAttributes": {
      "vfPathSpecs": [
        {
          "source": "62e4c7490870650b149ad945",
          "path": "/user/home/dataset/",
          "include": [
            ".*"
          ],
          "exclude": []
        }
      ],
      "owners": [
        "62e4c5cd7a0a55cfc508d66c"
      ],
      "experts": [
        "62e4c5cd7a0a55cfc508d66c"
      ],
      "customProperties": [
        {
          "name": "VFGroup"
```

```
        }
      ],
      "labels": [
          "string"
      ],
      "publishingSource": false,
      "publishingTarget": false
    },
    "attributes": {}
  }
]
```

Parameter	Type	Data Type	Required	Description
id	body	string	N	ID of the virtual folder
name	body	string	Y	Name of the virtual folder
description	body	string	N	Description of the virtual folder
parentVirtualFolder	body	string	N	Parent virtual folder ID
richDescriptionIds	body	array	N	Identifiers of the rich description
statistics	body	object	N	Statistics of the virtual folder
beAttributes	body	object	N	Backend attributes of the virtual folder
attributes	body	object	N	Attributes of the virtual folder
vfPathSpecs	body	array	Y	List of path specifications
executionRecords	body	object	N	Execution records of the virtual folder
owners	body	array	N	Identifiers of the owners
experts	body	array	N	Identifiers of the experts
customProperties	body	array	N	Custom properties of the virtual folder
labels	body	array	N	Labels of the virtual folder

Parameter	Type	Data Type	Required	Description
publishingSource	body	boolean	N	Is this virtual folder, a publishing source?
publishingTarget	body	boolean	N	Is this virtual folder, a publishing target?
source	body	string	N	Datasource ID
path	body	string	N	Path of the virtual folder
include	body	array	N	Include pattern. It supports any regular expression which java supports.
exclude	body	array	N	Exclude pattern. It supports any regular expression which java supports.
name	body	string	N	Custom property name
value	body	object	N	Custom property value

Sample Response

201 List of virtual folders created

```
[
  {
    "id": "62e845108f2169746f9fc2b7",
    "name": "HdfsRawDataset",
    "type": "VirtualFolder",
    "displayName": "Hdfs Raw Dataset",
    "description": "HdfsRawDataset",
    "logicalPath": "Hdfs Raw Dataset",
    "parentVirtualFolder": "62e4c1fdbf1a23dcd11d4b23",
    "agentId": "62e4c23690ef7a2b0ccb7c9d",
    "richDescriptionIds": "[62e4c2ee8c764dc782c241d8]",
    "statistics": {},
    "dataVersion": 26,
    "rootVirtualFolder": false,
    "beAttributes": {
      "vfPathSpecs": [
        {
```

```
        "source": "62e4c7490870650b149ad945",
        "path": "/user/home/dataset/",
        "include": [
          ".*"
        ],
        "exclude": []
      }
    ],
    "owners": [
      "62e4c5cd7a0a55cfc508d66c"
    ],
    "experts": [
      "62e4c5cd7a0a55cfc508d66c"
    ],
    "customProperties": [
      {
        "name": "VFGroup"
      }
    ],
    "labels": [
      "string"
    ],
    "publishingSource": false,
    "publishingTarget": false
  },
  "attributes": {},
  "deleted": false,
  "timeOfCreation": "2022-03-10T16:15:50Z",
  "timeOfLastChange": "2022-03-10T16:15:50Z"
  }
]
```

Parameter	Data Type	Description
id	string	Identifier of the virtual folder
name	string	Name of the virtual folder
type	string	Type
displayName	string	Display name of the virtual folder
description	string	Description of the virtual folder

Parameter	Data Type	Description
logicalPath	string	Logical path of the virtual folder
parentVirtualFolder	string	Parent virtual folder ID
agentId	string	Agent ID
richDescriptionIds	array	Identifiers of the rich description
statistics	object	Statistics of the virtual folder
dataVersion	integer	Data version
rootVirtualFolder	boolean	Flag to identify the root virtual folder
beAttributes	object	Backend attributes of the virtual folder
attributes	object	Attributes of the virtual folder
deleted	boolean	Flag to identify if it is being deleted
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated

Parameter	Data Type	Description
vfPathSpecs	array	List of path specifications
executionRecords	object	Execution records of the virtual folder
owners	array	Identifiers of the owners
experts	array	Identifiers of the experts
customProperties	array	Custom properties of the virtual folder
labels	array	Labels of the virtual folder
publishingSource	boolean	Is this virtual folder, a publishing source?
publishingTarget	boolean	Is this virtual folder, a publishing target?

Parameter	Data Type	Description
source	string	Datasource ID
path	string	Path of the virtual folder
include	array	Include pattern. It supports any regular expression which java supports.
exclude	array	Exclude pattern. It supports any regular expression which java supports.

Parameter	Data Type	Description
name	string	Custom property name
value	object	Custom property value

Delete virtual folder by ID

Trigger the background job to delete a virtual folder for the provided ID.

DELETE https://localhost/api/v1/virtualfolders/{id}

Sample Request

curl -v -X DELETE "https://localhost/api/v1/virtualfolders/sample-id"

Parameter	Type	Data Type	Required	Description
id	path	string	Y	ID of the virtual folder

Sample Response

202 Delete virtual folder job submission response

```
{
    "templateKey": "633acc8855c17b0b531082f5",
    "jobInstanceKey": "633acc95c16bd1274f774f2f",
    "status": "SUCCESS",
    "message": "Successfully triggered the job"
}
```

Parameter	Data Type	Description
templateKey	string	Template ID using which the job is triggered
jobInstanceKey	string	Triggered job ID
status	string	Job execution status
message	string	Message

Fetch virtual folder entities

Fetch all the virtual folders. It also supports pagination, sorting and search to refine the search results.

POST https://localhost/api/v1/virtualfolders/search

Sample Request

curl -v -X POST "https://localhost/api/v1/virtualfolders/search" -d '{"filters": {}, "page": {"index": 0, "size": 25}, "sort": {"columns": {"name": "_id", "direction": "DESC"}}}'

```
{
   "filters": {},
   "page": {
      "index": 0,
      "size": 25
   },
   "sort": {
      "columns": {
         "name": "_id",
         "direction": "DESC"
      }
   }
}
```

Parameter	Type	Data Type	Required	Description
filters	body	object	N	Filters to apply during the search operation
page	body	object	N	Pagination details
sort	body	object	N	Sorting details

Parameter	Type	Data Type	Required	Description
index	body	integer	N	Index of the page that you want to retrieve
size	body	integer	N	Number of records per page
columns	body	array	N	List of sortable columns

Sample Response

200 Paginated response

```
{
    "totalCount": 60,
    "list": [
        {
            "id": "62e845108f2169746f9fc2b7",
            "name": "HdfsRawDataset",
            "type": "VirtualFolder",
            "displayName": "Hdfs Raw Dataset",
            "description": "HdfsRawDataset",
            "logicalPath": "Hdfs Raw Dataset",
            "parentVirtualFolder": "62e4c1fdbf1a23dcd11d4b23",
            "agentId": "62e4c23690ef7a2b0ccb7c9d",
            "richDescriptionIds": "[62e4c2ee8c764dc782c241d8]",
            "statistics": {},
            "dataVersion": 26,
            "rootVirtualFolder": false,
            "beAttributes": {
                "vfPathSpecs": [
                    {
                        "source": "62e4c7490870650b149ad945",
                        "path": "/user/home/dataset/",
                        "include": [
                            ".*"
                        ],
                        "exclude": []
                    }
                ],
                "owners": [
                    "62e4c5cd7a0a55cfc508d66c"
                ],
```

```
      "experts": [
         "62e4c5cd7a0a55cfc508d66c"
      ],
      "customProperties": [
         {
            "name": "VFGroup"
         }
      ],
      "labels": [
         "string"
      ],
      "publishingSource": false,
      "publishingTarget": false
   },
   "attributes": {},
   "deleted": false,
   "timeOfCreation": "2022-03-10T16:15:50Z",
   "timeOfLastChange": "2022-03-10T16:15:50Z"
    }
  ],
  "sortableFields": [
    "id"
  ],
  "currentPage": 1,
  "totalPages": 6
}
```

Parameter	Data Type	Description
totalCount	integer	The total number of results found in the request.
list	array	Virtual folders list
sortableFields	array	The list of fields using which the data in the list is sorted
currentPage	integer	Index of the currentPage
totalPages	integer	Total number of pages available for the filter

Get virtual folder by name

Fetch virtual folder with the provided Name.

GET https://localhost/api/v1/virtualfolders/name/{name}

Sample Request

curl -v -X GET "https://localhost/api/v1/virtualfolders/name/sample-name"

Parameter	Type	Data Type	Required	Description
name	path	string	Y	Name of the virtual folder

Sample Response

200 Virtual folder entity

```
{
    "id": "62e845108f2169746f9fc2b7",
    "name": "HdfsRawDataset",
    "type": "VirtualFolder",
    "displayName": "Hdfs Raw Dataset",
    "description": "HdfsRawDataset",
    "logicalPath": "Hdfs Raw Dataset",
    "parentVirtualFolder": "62e4c1fdbf1a23dcd11d4b23",
    "agentId": "62e4c23690ef7a2b0ccb7c9d",
    "richDescriptionIds": "[62e4c2ee8c764dc782c241d8]",
    "statistics": {},
    "dataVersion": 26,
    "rootVirtualFolder": false,
    "beAttributes": {
        "vfPathSpecs": [
            {
                "source": "62e4c7490870650b149ad945",
                "path": "/user/home/dataset/",
                "include": [
                    ".*"
                ],
                "exclude": []
            }
        ],
        "owners": [
            "62e4c5cd7a0a55cfc508d66c"
        ],
```

```
    "experts": [
       "62e4c5cd7a0a55cfc508d66c"
    ],
    "customProperties": [
       {
          "name": "VFGroup"
       }
    ],
    "labels": [
       "string"
    ],
    "publishingSource": false,
    "publishingTarget": false
  },
  "attributes": {},
  "deleted": false,
  "timeOfCreation": "2022-03-10T16:15:50Z",
  "timeOfLastChange": "2022-03-10T16:15:50Z"
}
```

Parameter	Data Type	Description
id	string	Identifier of the virtual folder
name	string	Name of the virtual folder
type	string	Type
displayName	string	Display name of the virtual folder
description	string	Description of the virtual folder
logicalPath	string	Logical path of the virtual folder
parentVirtualFolder	string	Parent virtual folder ID
agentId	string	Agent ID
richDescriptionIds	array	Identifiers of the rich description
statistics	object	Statistics of the virtual folder
dataVersion	integer	Data version
rootVirtualFolder	boolean	Flag to identify the root virtual folder

Parameter	Data Type	Description
beAttributes	object	Backend attributes of the virtual folder
attributes	object	Attributes of the virtual folder
deleted	boolean	Flag to identify if it is being deleted
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated

Parameter	Data Type	Description
vfPathSpecs	array	List of path specifications
executionRecords	object	Execution records of the virtual folder
owners	array	Identifiers of the owners
experts	array	Identifiers of the experts
customProperties	array	Custom properties of the virtual folder
labels	array	Labels of the virtual folder
publishingSource	boolean	Is this virtual folder, a publishing source?
publishingTarget	boolean	Is this virtual folder, a publishing target?

Parameter	Data Type	Description
source	string	Datasource ID
path	string	Path of the virtual folder
include	array	Include pattern. It supports any regular expression which java supports.
exclude	array	Exclude pattern. It supports any regular expression which java supports.

Parameter	Data Type	Description
name	string	Custom property name
value	object	Custom property value

Get virtual folder by ID

Fetch virtual folder with the provided ID.

GET https://localhost/api/v1/virtualfolders/{id}

Sample Request

curl -v -X GET "https://localhost/api/v1/virtualfolders/sample-id"

Parameter	Type	Data Type	Required	Description
id	path	string	Y	ID of the virtual folder

Sample Response

200 Virtual folder entity

```
{
   "id": "62e845108f2169746f9fc2b7",
   "name": "HdfsRawDataset",
   "type": "VirtualFolder",
   "displayName": "Hdfs Raw Dataset",
   "description": "HdfsRawDataset",
   "logicalPath": "Hdfs Raw Dataset",
   "parentVirtualFolder": "62e4c1fdbf1a23dcd11d4b23",
   "agentId": "62e4c23690ef7a2b0ccb7c9d",
   "richDescriptionIds": "[62e4c2ee8c764dc782c241d8]",
   "statistics": {},
   "dataVersion": 26,
   "rootVirtualFolder": false,
   "beAttributes": {
      "vfPathSpecs": [
         {
            "source": "62e4c7490870650b149ad945",
            "path": "/user/home/dataset/",
            "include": [
               ".*"
```

```
            ],
            "exclude": []
        }
    ],
    "owners": [
        "62e4c5cd7a0a55cfc508d66c"
    ],
    "experts": [
        "62e4c5cd7a0a55cfc508d66c"
    ],
    "customProperties": [
        {
            "name": "VFGroup"
        }
    ],
    "labels": [
        "string"
    ],
    "publishingSource": false,
    "publishingTarget": false
},
"attributes": {},
"deleted": false,
"timeOfCreation": "2022-03-10T16:15:50Z",
"timeOfLastChange": "2022-03-10T16:15:50Z"
}
```

Parameter	Data Type	Description
id	string	Identifier of the virtual folder
name	string	Name of the virtual folder
type	string	Type
displayName	string	Display name of the virtual folder
description	string	Description of the virtual folder
logicalPath	string	Logical path of the virtual folder
parentVirtualFolder	string	Parent virtual folder ID
agentId	string	Agent ID

Parameter	Data Type	Description
richDescriptionIds	array	Identifiers of the rich description
statistics	object	Statistics of the virtual folder
dataVersion	integer	Data version
rootVirtualFolder	boolean	Flag to identify the root virtual folder
beAttributes	object	Backend attributes of the virtual folder
attributes	object	Attributes of the virtual folder
deleted	boolean	Flag to identify if it is being deleted
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated

Parameter	Data Type	Description
vfPathSpecs	array	List of path specifications
executionRecords	object	Execution records of the virtual folder
owners	array	Identifiers of the owners
experts	array	Identifiers of the experts
customProperties	array	Custom properties of the virtual folder
labels	array	Labels of the virtual folder
publishingSource	boolean	Is this virtual folder, a publishing source?
publishingTarget	boolean	Is this virtual folder, a publishing target?

Parameter	Data Type	Description
source	string	Datasource ID
path	string	Path of the virtual folder

Parameter	Data Type	Description
include	array	Include pattern. It supports any regular expression which java supports.
exclude	array	Exclude pattern. It supports any regular expression which java supports.

Parameter	Data Type	Description
name	string	Custom property name
value	object	Custom property value

Initiate import job

Initiate import job and return JobExecutionResponse object which includes response message and jobId.

POST https://localhost/api/v1/virtualfolders/import

Sample Request

curl -v -X POST "https://localhost/api/v1/virtualfolders/import" -F '"overwrite=@sample-file.txt;text/plain"'

Parameter	Type	Data Type	Required	Description
file	body	string	Y	Input file to be uploaded
overwrite	body	boolean	Y	Overwrite flag to inform the server to overwrite the record if it exists

Sample Response

202 Job Initiated

```
{
    "templateKey": "633acc8855c17b0b531082f5",
    "jobInstanceKey": "633acc95c16bd1274f774f2f",
    "status": "SUCCESS",
    "message": "Successfully triggered the job"
}
```

Parameter	Data Type	Description
templateKey	string	Template ID using which the job is triggered
jobInstanceKey	string	Triggered job ID
status	string	Job execution status
message	string	Message

Update virtual folder entities in bulk

Update virtual folders in bulk.

PUT https://localhost/api/v1/virtualfolders/bulk

Sample Request

curl -v -X PUT "https://localhost/api/v1/virtualfolders/bulk" -d '[{"id": "", "name": "HdfsRawDataset",
"description": "HdfsRawDataset", "parentVirtualFolder": "62e4c1fdbf1a23dcd11d4b23",
"richDescriptionIds": "[62e4c2ee8c764dc782c241d8]", "statistics": {}, "beAttributes": {"vfPathSpecs":
[{"source": "62e4c7490870650b149ad945", "path": "/user/home/dataset/", "include": [".*"], "exclude":
[]}], "owners": ["62e4c5cd7a0a55cfc508d66c"], "experts": ["62e4c5cd7a0a55cfc508d66c"],
"customProperties": [{"name": "VFGroup"}], "labels": ["string"], "publishingSource": false,
"publishingTarget": false}, "attributes": {}}]'

```
[
  {
    "id": "",
    "name": "HdfsRawDataset",
    "description": "HdfsRawDataset",
    "parentVirtualFolder": "62e4c1fdbf1a23dcd11d4b23",
    "richDescriptionIds": "[62e4c2ee8c764dc782c241d8]",
    "statistics": {},
    "beAttributes": {
      "vfPathSpecs": [
        {
          "source": "62e4c7490870650b149ad945",
          "path": "/user/home/dataset/",
          "include": [
            ".*"
          ],
          "exclude": []
        }
```

```
        ],
        "owners": [
          "62e4c5cd7a0a55cfc508d66c"
        ],
        "experts": [
          "62e4c5cd7a0a55cfc508d66c"
        ],
        "customProperties": [
          {
            "name": "VFGroup"
          }
        ],
        "labels": [
          "string"
        ],
        "publishingSource": false,
        "publishingTarget": false
      },
      "attributes": {}
    }
  }
]
```

Parameter	Type	Data Type	Required	Description
id	body	string	N	ID of the virtual folder
name	body	string	Y	Name of the virtual folder
description	body	string	N	Description of the virtual folder
parentVirtualFolder	body	string	N	Parent virtual folder ID
richDescriptionIds	body	array	N	Identifiers of the rich description
statistics	body	object	N	Statistics of the virtual folder
beAttributes	body	object	N	Backend attributes of the virtual folder
attributes	body	object	N	Attributes of the virtual folder
vfPathSpecs	body	array	Y	List of path specifications

Parameter	Type	Data Type	Required	Description
executionRecords	body	object	N	Execution records of the virtual folder
owners	body	array	N	Identifiers of the owners
experts	body	array	N	Identifiers of the experts
customProperties	body	array	N	Custom properties of the virtual folder
labels	body	array	N	Labels of the virtual folder
publishingSource	body	boolean	N	Is this virtual folder, a publishing source?
publishingTarget	body	boolean	N	Is this virtual folder, a publishing target?
source	body	string	N	Datasource ID
path	body	string	N	Path of the virtual folder
include	body	array	N	Include pattern. It supports any regular expression which java supports.
exclude	body	array	N	Exclude pattern. It supports any regular expression which java supports.
name	body	string	N	Custom property name
value	body	object	N	Custom property value

Sample Response

200 List of virtual folders updated

```
[
  {
    "id": "62e845108f2169746f9fc2b7",
    "name": "HdfsRawDataset",
    "type": "VirtualFolder",
    "displayName": "Hdfs Raw Dataset",
    "description": "HdfsRawDataset",
```

```
    "logicalPath": "Hdfs Raw Dataset",
    "parentVirtualFolder": "62e4c1fdbf1a23dcd11d4b23",
    "agentId": "62e4c23690ef7a2b0ccb7c9d",
    "richDescriptionIds": "[62e4c2ee8c764dc782c241d8]",
    "statistics": {},
    "dataVersion": 26,
    "rootVirtualFolder": false,
    "beAttributes": {
      "vfPathSpecs": [
        {
          "source": "62e4c7490870650b149ad945",
          "path": "/user/home/dataset/",
          "include": [
            ".*"
          ],
          "exclude": []
        }
      ],
      "owners": [
        "62e4c5cd7a0a55cfc508d66c"
      ],
      "experts": [
        "62e4c5cd7a0a55cfc508d66c"
      ],
      "customProperties": [
        {
          "name": "VFGroup"
        }
      ],
      "labels": [
        "string"
      ],
      "publishingSource": false,
      "publishingTarget": false
    },
    "attributes": {},
    "deleted": false,
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z"
  }
]
```

Parameter	Data Type	Description
id	string	Identifier of the virtual folder
name	string	Name of the virtual folder
type	string	Type
displayName	string	Display name of the virtual folder
description	string	Description of the virtual folder
logicalPath	string	Logical path of the virtual folder
parentVirtualFolder	string	Parent virtual folder ID
agentId	string	Agent ID
richDescriptionIds	array	Identifiers of the rich description
statistics	object	Statistics of the virtual folder
dataVersion	integer	Data version
rootVirtualFolder	boolean	Flag to identify the root virtual folder
beAttributes	object	Backend attributes of the virtual folder
attributes	object	Attributes of the virtual folder
deleted	boolean	Flag to identify if it is being deleted
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated

Parameter	Data Type	Description
vfPathSpecs	array	List of path specifications
executionRecords	object	Execution records of the virtual folder
owners	array	Identifiers of the owners
experts	array	Identifiers of the experts

Parameter	Data Type	Description
customProperties	array	Custom properties of the virtual folder
labels	array	Labels of the virtual folder
publishingSource	boolean	Is this virtual folder, a publishing source?
publishingTarget	boolean	Is this virtual folder, a publishing target?

Parameter	Data Type	Description
source	string	Datasource ID
path	string	Path of the virtual folder
include	array	Include pattern. It supports any regular expression which java supports.
exclude	array	Exclude pattern. It supports any regular expression which java supports.

Parameter	Data Type	Description
name	string	Custom property name
value	object	Custom property value

Update virtual folder

Update the virtual folder with the provided ID and return updated virtual folder entity.

PUT https://localhost/api/v1/virtualfolders/{id}

Sample Request

curl -v -X PUT "https://localhost/api/v1/virtualfolders/sample-id" -d '{"id": "", "name": "HdfsRawDataset", "description": "HdfsRawDataset", "parentVirtualFolder": "62e4c1fdbf1a23dcd11d4b23", "richDescriptionIds": "[62e4c2ee8c764dc782c241d8]", "statistics": {}, "beAttributes": {"vfPathSpecs": [{"source": "62e4c7490870650b149ad945", "path": "/user/home/dataset/", "include": [".*"], "exclude": []}], "owners": ["62e4c5cd7a0a55cfc508d66c"], "experts": ["62e4c5cd7a0a55cfc508d66c"], "customProperties": [{"name": "VFGroup"}], "labels": ["string"], "publishingSource": false, "publishingTarget": false}, "attributes": {}}'

```
{
   "id": "",
   "name": "HdfsRawDataset",
   "description": "HdfsRawDataset",
   "parentVirtualFolder": "62e4c1fdbf1a23dcd11d4b23",
   "richDescriptionIds": "[62e4c2ee8c764dc782c241d8]",
   "statistics": {},
   "beAttributes": {
      "vfPathSpecs": [
         {
            "source": "62e4c7490870650b149ad945",
            "path": "/user/home/dataset/",
            "include": [
               ".*"
            ],
            "exclude": []
         }
      ],
      "owners": [
         "62e4c5cd7a0a55cfc508d66c"
      ],
      "experts": [
         "62e4c5cd7a0a55cfc508d66c"
      ],
      "customProperties": [
         {
            "name": "VFGroup"
         }
      ],
      "labels": [
         "string"
      ],
      "publishingSource": false,
      "publishingTarget": false
   },
   "attributes": {}
}
```

Parameter	Type	Data Type	Required	Description
id	path	string	Y	ID of the virtual folder
id	body	string	N	ID of the virtual folder
name	body	string	Y	Name of the virtual folder
description	body	string	N	Description of the virtual folder
parentVirtualFolder	body	string	N	Parent virtual folder ID
richDescriptionIds	body	array	N	Identifiers of the rich description
statistics	body	object	N	Statistics of the virtual folder
beAttributes	body	object	N	Backend attributes of the virtual folder
attributes	body	object	N	Attributes of the virtual folder
vfPathSpecs	body	array	Y	List of path specifications
executionRecords	body	object	N	Execution records of the virtual folder
owners	body	array	N	Identifiers of the owners
experts	body	array	N	Identifiers of the experts
customProperties	body	array	N	Custom properties of the virtual folder
labels	body	array	N	Labels of the virtual folder
publishingSource	body	boolean	N	Is this virtual folder, a publishing source?
publishingTarget	body	boolean	N	Is this virtual folder, a publishing target?
source	body	string	N	Datasource ID
path	body	string	N	Path of the virtual folder

Parameter	Type	Data Type	Required	Description
include	body	array	N	Include pattern. It supports any regular expression which java supports.
exclude	body	array	N	Exclude pattern. It supports any regular expression which java supports.
name	body	string	N	Custom property name
value	body	object	N	Custom property value

Sample Response

200 Virtual folder entity

```
{
    "id": "62e845108f2169746f9fc2b7",
    "name": "HdfsRawDataset",
    "type": "VirtualFolder",
    "displayName": "Hdfs Raw Dataset",
    "description": "HdfsRawDataset",
    "logicalPath": "Hdfs Raw Dataset",
    "parentVirtualFolder": "62e4c1fdbf1a23dcd11d4b23",
    "agentId": "62e4c23690ef7a2b0ccb7c9d",
    "richDescriptionIds": "[62e4c2ee8c764dc782c241d8]",
    "statistics": {},
    "dataVersion": 26,
    "rootVirtualFolder": false,
    "beAttributes": {
        "vfPathSpecs": [
            {
                "source": "62e4c7490870650b149ad945",
                "path": "/user/home/dataset/",
                "include": [
                    ".*"
                ],
                "exclude": []
            }
        ],
        "owners": [
            "62e4c5cd7a0a55cfc508d66c"
```

```
        ],
        "experts": [
            "62e4c5cd7a0a55cfc508d66c"
        ],
        "customProperties": [
            {
                "name": "VFGroup"
            }
        ],
        "labels": [
            "string"
        ],
        "publishingSource": false,
        "publishingTarget": false
    },
    "attributes": {},
    "deleted": false,
    "timeOfCreation": "2022-03-10T16:15:50Z",
    "timeOfLastChange": "2022-03-10T16:15:50Z"
}
```

Parameter	Data Type	Description
id	string	Identifier of the virtual folder
name	string	Name of the virtual folder
type	string	Type
displayName	string	Display name of the virtual folder
description	string	Description of the virtual folder
logicalPath	string	Logical path of the virtual folder
parentVirtualFolder	string	Parent virtual folder ID
agentId	string	Agent ID
richDescriptionIds	array	Identifiers of the rich description
statistics	object	Statistics of the virtual folder
dataVersion	integer	Data version

Parameter	Data Type	Description
rootVirtualFolder	boolean	Flag to identify the root virtual folder
beAttributes	object	Backend attributes of the virtual folder
attributes	object	Attributes of the virtual folder
deleted	boolean	Flag to identify if it is being deleted
timeOfCreation	string	Time stamp when the entity is created
timeOfLastChange	string	Time stamp when the entity is last updated

Parameter	Data Type	Description
vfPathSpecs	array	List of path specifications
executionRecords	object	Execution records of the virtual folder
owners	array	Identifiers of the owners
experts	array	Identifiers of the experts
customProperties	array	Custom properties of the virtual folder
labels	array	Labels of the virtual folder
publishingSource	boolean	Is this virtual folder, a publishing source?
publishingTarget	boolean	Is this virtual folder, a publishing target?

Parameter	Data Type	Description
source	string	Datasource ID
path	string	Path of the virtual folder
include	array	Include pattern. It supports any regular expression which java supports.
exclude	array	Exclude pattern. It supports any regular expression which java supports.

Parameter	Data Type	Description
name	string	Custom property name
value	object	Custom property value

Hitachi Vantara