

DataArts Studio

CLI Reference

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1 Using KooCLI

Huawei Cloud Koo Command Line Interface (previously "HCloud CLI") is designed to manage Huawei Cloud service APIs released on [API Explorer](#). You can use this tool to call the APIs of DataArts Studio in API Explorer to manage and use your DataArts Studio resources. For details about KooCLI, see [What Is KooCLI?](#)

Installing KooCLI

Before you begin, you will need to install KooCLI. KooCLI is compatible with Windows, Linux, and macOS. Install the tool of the corresponding version based on the OS used by your machine.

- [Installing KooCLI in Windows](#)
- [Installing KooCLI in Linux](#)
- [Installing KooCLI in macOS](#)
- [Configuring and Using KooCLI in Docker](#)

Initializing KooCLI

When KooCLI is used to call APIs, you need to obtain the caller's identity information for authentication. If you initialize KooCLI, your permanent AK/SK is stored in the configuration file, so you do not need to enter the credentials each time you call an API.

Skip this step if you intend to pass authentication information directly in commands instead of using the configuration file. For details, see [Using KooCLI in Non-configuration Mode](#).

The following uses Windows as an example to describe how to initialize KooCLI. The steps on Linux and macOS are similar. Before the initialization, obtain the AK/SK information. For details, see [Access Keys](#).

1. Open the CLI.
2. Run the following commands to initialize the configuration:
`hcloud configure init`

3. Enter the parameter values as prompted.

Access Key ID [required]: //Mandatory. Enter the AK.
Secret Access Key [required]: //Mandatory. Enter the SK. The system will anonymize the input.
Secret Access Key (again): //Mandatory. Enter the SK again. The system will anonymize the input.
Region: //Optional. Enter a region.

The message "Initialization successful" is then displayed.

Generating and Executing a CLI Command

KooCLI supports two command generation methods:

- Use API Explorer to quickly generate and obtain the CLI command for calling an API. **This method is recommended as it is more convenient.**
- Use CLI commands to query API operations and related parameters, and then manually combine CLI commands to call APIs. For details, see [Step 4: View and Run Cloud Service Operation Commands](#).

The following uses the DataArts Studio API for **deleting a data connection** as an example to describe how to generate a CLI command in API Explorer and then run the CLI command to call the API.

- a. On the [API Explorer](#) of DataArts Studio, select the API for which you want to generate a CLI command.
- b. In the parameter configuration interface in the middle, enter the parameters required to call the API.
- c. In the pane on the right, click the **CLI Example** tab and view the generated CLI command.

The following is an example of the CLI command output for calling the API for **deleting a data connection**:

```
hcloud DataArtsStudio DeleteDataconnection --cli-region="cn-north-4" --  
workspace="8b6655f453404bb2b6a8afcc62f89773" --  
data_connection_id="15837aa32cba4b4183aa58243efe11e7"
```

- d. Copy the generated CLI command and paste it into the CLI for execution.

The following is an example of the CLI command output for calling the API for **deleting a data connection**:

```
{  
  "message": null,  
  "is_success": true  
}
```

2 CLI Command Reference

DataMap APIs

API Name	Command	Description	Operation
ShowQueues	hcloud DataArtsStudio ShowQueues	This API is used to obtain the queue list and display 10 data records. This API is in the closed beta test (CBT) phase and will be gradually opened with the function OBT.	Go debug
dataPreview	hcloud DataArtsStudio ShowTableData	This API is used to preview table data. Ten data records are returned. This API is in invitational test and will be available in OBT in the future.	Go debug
getEntitiesInfos	hcloud DataArtsStudio ListEntityDetails	This API is used to obtain asset information in batches.	Go debug
ListCategoriesTree	hcloud DataArtsStudio ListCategoriesTree	This API is used to obtain the asset directory tree in a workspace.	Go debug
ListLogicEntities	hcloud DataArtsStudio ListLogicEntitys	This API is used to obtain the logical entities in a directory.	Go debug

API Name	Command	Description	Operation
ImportDataMapLineage	hcloud DataArtsStudio ImportDataMapLineage	This API is used to import a lineage. It is in closed beta test and will be available for OBT in the future.	Go debug
BatchLabeling	hcloud DataArtsStudio BatchTag	This API is used to tag assets.	Go debug
Search query label pagination display	hcloud DataArtsStudio ShowTags	The search and query tags are displayed on multiple pages. The function of this API is in the invitation test phase and will be gradually available in the OBT.	Go debug
User Behavior Analysis	hcloud DataArtsStudio ParseUserBehavior	User Behavior Analysis: The function of this API is in the invitation test phase and will be gradually opened with the OBT.	Go debug
Asset Search	hcloud DataArtsStudio ShowDataSets	Asset search. It is in invitational test and will be available for OBT in the future.	Go debug
Create or modify assets	hcloud DataArtsStudio CreateOrUpdateEntities	This API is used to create or modify assets. It is in invitational test and will be available for OBT in the future.	Go debug
entity detail	hcloud DataArtsStudio ShowDataDetail	Asset details API. It is in invitational test and will be available for OBT in the future.	Go debug
DeleteEntity	hcloud DataArtsStudio DeleteEntity	This API is used to delete an asset with a specified GUID.	Go debug
entity lineage	hcloud DataArtsStudio ShowDatamapLineage	This API is used to obtain an asset lineage. It is in invitational test and will be available for OBT in the future.	Go debug

API Name	Command	Description	Operation
bulk lineage	hcloud DataArtsStudio ShowLineageBulk	This API is used to obtain the lineages of all job nodes. It is in invitational test and will be available for OBT in the future.	Go debug
get nodes by table	hcloud DataArtsStudio ShowNodes	This API is used to query the list of job operators associated with a table. It is in invitational test and will be available for OBT in the future.	Go debug
get instances by node	hcloud DataArtsStudio ShowInstanceInfos	This API is used to query the running instance information of the job operator related to a table. It is in invitational test and will be available for OBT in the future.	Go debug

Logical Asset APIs

API Name	Command	Description	Operation
Query the business asset directory tree	hcloud DataArtsStudio ShowBusinessAssetsTree	Queries the service asset directory tree level by level, including service objects and logical entities synchronized from data specifications.	Go debug
Querying Logical Assets	hcloud DataArtsStudio ShowBusinessAssets	Query business assets, including business objects and logical entities synchronized from data specifications.	Go debug

Metric Asset APIs

API Name	Command	Description	Operation
Querying the Metric Asset Directory Tree	hcloud DataArtsStudio ShowMetricTree	This API is used to query the indicator asset directory tree.	Go debug
Querying Metric Assets	hcloud DataArtsStudio ShowMetricAssets	This API is used to query indicator assets.	Go debug

Asset Statistics APIs

API Name	Command	Description	Operation
Obtaining Technical Asset Statistics	hcloud DataArtsStudio ShowTechnicalAssetsStatistic	This API is used to obtain technology asset statistics.	Go debug
Obtaining Logical Asset Statistics	hcloud DataArtsStudio ShowBusinessAssetsStatistic	This API is used to obtain service asset statistics.	Go debug

Asset Management APIs

API Name	Command	Description	Operation
Querying Technical Assets	hcloud DataArtsStudio ShowEntities	Query technology assets.	Go debug
Obtaining Asset Details by GUID	hcloud DataArtsStudio ShowEntityInfoByGuid	You can obtain table details based on the table GUID. The table details include the column information. You can also obtain the column information based on the column GUID.	Go debug
Create Or Update Asset	hcloud DataArtsStudio CreateOrUpdateAsset	Add or modify an asset.	Go debug

API Name	Command	Description	Operation
update entity attribute value	hcloud DataArtsStudio UpdateEntityAttribute	This API is used to modify a specified asset attribute.	Go debug
Delete a Asset	hcloud DataArtsStudio DeleteAsset	This API is used to delete an asset.	Go debug

Asset Classification APIs

API Name	Command	Description	Operation
Associating a Classification with Assets	hcloud DataArtsStudio BatchAssociateClassificationToEntities	Associating Assets with Categories in Batches: Categories can be added only to columns of data tables and OBS objects.	Go debug
Associating a Classification with One or More Specified Assets	hcloud DataArtsStudio AssociateClassificationToEntity	Associates a category with one or more assets with a specified GUID.	Go debug
Dissociating a Classification from an Asset	hcloud DataArtsStudio DeleteClassificationFromEntities	Remove the security level associated with the asset.	Go debug

Asset Security Level APIs

API Name	Command	Description	Operation
Associating a Security Level with Assets	hcloud DataArtsStudio BatchAssociateSecurityLevelToEntities	Associating assets with security levels in batches: A single security level is associated with multiple assets.	Go debug
Associating a Security Level with an Asset	hcloud DataArtsStudio AssociateSecurityLevelToEntity	Associate the asset with the security level. The asset is associated with the specified security level.	Go debug

API Name	Command	Description	Operation
Dissociating a Security Level from an Asset	hcloud DataArtsStudio DeleteSecurityLevelFromEntity	This API is used to dissociate a security level from an asset.	Go debug

Tags APIs

API Name	Command	Description	Operation
query tag list	hcloud DataArtsStudio ShowGlossaryList	This API is used to query the tag list.	Go debug
Tags are associated to assets	hcloud DataArtsStudio AddTagToAsset	Associating Tags with an Asset	Go debug

Metadata collection tasks APIs

API Name	Command	Description	Operation
Querying the Collection Task List	hcloud DataArtsStudio ShowTaskList	This API is used to query metadata collection tasks.	Go debug
Create a collection task	hcloud DataArtsStudio CreateTask	Create a collection task.	Go debug
Metadata collection tasks APIs	hcloud DataArtsStudio ShowTaskInfo	Query details about a collection task.	Go debug
Edit Collection Task	hcloud DataArtsStudio UpdateTaskInfo	Edit a collection task.	Go debug
Delete a single collection task	hcloud DataArtsStudio DeleteTaskInfo	Delete a single collection task.	Go debug
Start, schedule, or stop collection tasks	hcloud DataArtsStudio ExecuteTaskAction	Starts, schedules, and stops collection tasks.	Go debug
Get task log	hcloud DataArtsStudio ShowInstanceLog	Obtain task logs.	Go debug

asset information APIs

API Name	Command	Description	Operation
Preview table data	hcloud DataArtsStudio ShowDataPreview	This API is used to preview table data.	Go debug
RenewDataProfile	hcloud DataArtsStudio RenewDataProfile	This API is used to collect brief information about specified fields.	Go debug
asset information APIs	hcloud DataArtsStudio ShowDataProfile	This API is used to query brief information such as data structure distribution in a table. It only supports GaussDB(DWS) and DLI data sources.	Go debug

lineage information APIs

API Name	Command	Description	Operation
lineage information APIs	hcloud DataArtsStudio ShowUnrelatedTable	This API is used to query tables without lineages based on classification, type_names, connection_names, or query.	Go debug
query Lineage	hcloud DataArtsStudio ShowLineage	Lineage query.	Go debug
lineage import	hcloud DataArtsStudio ImportLineage	Lineage query.	Go debug
create lineage information	hcloud DataArtsStudio CreateLineageInfo	This API is used to create a lineage.	Go debug

Metadata real-time synchronization

API Name	Command	Description	Operation
Metadata real-time synchronization interface (testing)	hcloud DataArtsStudio BatchSyncMetadata	This API is used to synchronize metadata in real time. It is in invitational test and will be available for OBT in the future.	Go debug

Overview

API Name	Command	Description	Operation
Overview Statistics	hcloud DataArtsStudio CountOverviews	Overview statistics.	Go debug
Model Statistics	hcloud DataArtsStudio CountTableModel s	Statistics in a single model.	Go debug
Relational Modeling Statistics	hcloud DataArtsStudio CountAllModels	Outer-layer statistics on the relational modeling page.	Go debug
Standard Coverage Statistics	hcloud DataArtsStudio CountStandards	View the coverage of a data standard in all model fields, that is, the percentage of fields that use the standard to the total fields.	Go debug

Information Architecture

API Name	Command	Description	Operation
Querying Information About Multiple Types of Tables	hcloud DataArtsStudio ListAllTables	Query information about multiple types of tables from the information architecture, including logical entities, physical tables, dimension tables, fact tables, and summary tables.	Go debug

Data Standards

API Name	Command	Description	Operation
Obtaining Data Standards	hcloud DataArtsStudio ListAllStandards	Obtain the data standard set based on the query conditions in pagination mode and sort the data by modification time in descending order.	Go debug
Creating a Data Standard	hcloud DataArtsStudio CreateStandard	Create a data standard.	Go debug
Deleting Data Standards	hcloud DataArtsStudio DeleteStandard	Delete a data standard.	Go debug
Modifying Data Standards	hcloud DataArtsStudio UpdateStandard	Modify the data standard.	Go debug
Viewing Data Standard Details	hcloud DataArtsStudio ShowStandardById	This API is used to obtain data standard details by ID.	Go debug
Associated Attributes and Data Standards	hcloud DataArtsStudio ResetLinkAttributeAndStandard	Associate attributes with data standards.	Go debug

Data Sources

API Name	Command	Description	Operation
Obtaining Data Connection Information	hcloud DataArtsStudio SearchDwByType	This API is used to obtain data connection information of a specified type.	Go debug

Process Architecture

API Name	Command	Description	Operation
Obtain all BPA directory trees.	hcloud DataArtsStudio ListCatalogTree	This API is used to obtain all directory trees.	Go debug

API Name	Command	Description	Operation
Querying the BPA List	hcloud DataArtsStudio SearchCatalogs	This API is used to query the process architecture list.	Go debug
Create BPA	hcloud DataArtsStudio CreateCatalog	Create a process architecture.	Go debug
Modified the process architecture.	hcloud DataArtsStudio ChangeCatalog	Modified the process architecture.	Go debug
Delete BPA	hcloud DataArtsStudio DeleteCatalog	Deleted the BPA.	Go debug
Search for BPA Details	hcloud DataArtsStudio ShowBizCatalogDetail	Search for BPA details.	Go debug

Data Standard Templates

API Name	Command	Description	Operation
Querying a Data Standard Template	hcloud DataArtsStudio ShowStandardTemplate	This API is used to query data standard templates in the current workspace.	Go debug
Creating a Data Standard Template	hcloud DataArtsStudio CreateStandardTemplate	Creates a customized item of the data standard template in the current workspace.	Go debug
Modifying a Data Standard Template	hcloud DataArtsStudio UpdateStandardTemplate	Modify the data standard template.	Go debug
Deleting a Data Standard Template	hcloud DataArtsStudio DeleteStandardTemplate	Delete a data standard template.	Go debug
Standard Template for Initializing Data	hcloud DataArtsStudio InitializeStandardTemplate	Initialize the data standard template.	Go debug

Approval Management

API Name	Command	Description	Operation
Obtaining an Application	hcloud DataArtsStudio SearchApprovals	Obtain the application.	Go debug
Withdrawing an Application	hcloud DataArtsStudio RollbackApproval	Withdraw the application.	Go debug
Application Processing	hcloud DataArtsStudio ConfirmApprovals	Reject/Approve one or more action-id=reject/resolve.	Go debug
Batch Publish	hcloud DataArtsStudio BatchPublish	Batch Release	Go debug
Taking Services Offline in Batches	hcloud DataArtsStudio BatchOffline	Bring offline in batches.	Go debug
Create Approver	hcloud DataArtsStudio CreateApprover	Create an approver.	Go debug
Querying the Approver List	hcloud DataArtsStudio ListApprovers	This API queries the approver list.	Go debug
Delete Approver	hcloud DataArtsStudio DeleteApprover	Delete an approver.	Go debug
Deleting an Entity	hcloud DataArtsStudio DeleteDesignLate stApproval	When a released entity is edited, an extension is generated. This API is used to delete the extension information of the entity.	Go debug
Obtain the difference between the displayed information and the released entity.	hcloud DataArtsStudio SearchDesignLate stApprovalDiff	When a released entity is edited, an extension is generated. This API is used to obtain the difference between the extension information and the released entity.	Go debug

Subject Management

API Name	Command	Description	Operation
Searching for a Topic List	hcloud DataArtsStudio SearchSubject	Search for topics by name (fuzzy query is supported), creator, owner, status, and modification time.	Go debug
Deleting a Topic	hcloud DataArtsStudio DeleteSubject	Delete a topic.	Go debug
Creating a topic	hcloud DataArtsStudio CreateSubject	Creating a topic	Go debug
Changing a topic	hcloud DataArtsStudio UpdateSubject	Modify a theme.	Go debug
Obtaining Topic Tree Information	hcloud DataArtsStudio ListBusiness	Obtain the data asset subject tree information l1, l2, and l3.	Go debug
Find Topic List (New)	hcloud DataArtsStudio SearchSubjectNew	Search for a topic (new).	Go debug
Deleting a Theme (New)	hcloud DataArtsStudio DeleteSubjectNew	Delete a theme (new).	Go debug
Creating a Topic (New)	hcloud DataArtsStudio CreateSubjectNew	Create a topic (new).	Go debug
Modify Theme (New)	hcloud DataArtsStudio UpdateSubjectNew	Modify Theme (New).	Go debug

Subject Levels

API Name	Command	Description	Operation
Obtains the topic level.	hcloud DataArtsStudio ListSubjectLevels	Obtains the topic level.	Go debug

API Name	Command	Description	Operation
Modifying or Deleting a Topic Level	hcloud DataArtsStudio ChangeSubjects	Modify or delete a topic level.	Go debug

Catalog Management

API Name	Command	Description	Operation
Obtains all directories.	hcloud DataArtsStudio ListDirectories	Obtains all directories (data standards and code tables).	Go debug
Create a Directory	hcloud DataArtsStudio CreateDirectory	Create directories (data standards and code tables).	Go debug
Modifying a Directory	hcloud DataArtsStudio UpdateDirectory	Modify the directory (data standard and code table).	Go debug
Deleting a Directory	hcloud DataArtsStudio DeleteDirectory	Delete directories (data standards and code tables).	Go debug

Atomic Metrics

API Name	Command	Description	Operation
Searching for Atomic Metrics	hcloud DataArtsStudio SearchAtomicIndices	This API is used to perform a paginated query of atomic metric information by name, creator, reviewer, status, and modification time. Names support fuzzy search.	Go debug
Creating Atomic Metrics	hcloud DataArtsStudio CreateDesignAtomicIndex	Create an atomic metric.	Go debug
Updating an Atomic Metric	hcloud DataArtsStudio UpdateDesignAtomicIndex	This API is used to update a single atomic metric.	Go debug

API Name	Command	Description	Operation
Deleting Atomic Metrics	hcloud DataArtsStudio DeleteDesignAtomicIndex	Delete atomic metrics in batches.	Go debug
Viewing Atomic Metric Details	hcloud DataArtsStudio ShowAtomicIndex ById	This API is used to obtain atomic metric details by ID.	Go debug

Derivative Metrics

API Name	Command	Description	Operation
Searching for Derivative Indicators	hcloud DataArtsStudio ListDerivativeIndexes	Search for derivative metrics by name, creator, reviewer, status, modification time, and l3Id.	Go debug
Creating a Derivative Metric	hcloud DataArtsStudio CreateDesignDerivativeIndex	This API is used to create a derivative metric.	Go debug
Updating a Derivative Metric	hcloud DataArtsStudio UpdateDesignDerivativeIndex	This API is used to update a derivative metric.	Go debug
Deleting Derivative Metrics	hcloud DataArtsStudio DeleteDesignDerivativeIndex	This API is used to delete derivative metrics with specified IDs.	Go debug
Viewing Derivative Indicator Details	hcloud DataArtsStudio ShowDerivativeIndex ById	This API is used to obtain derivative details by ID.	Go debug

Compound Metrics

API Name	Command	Description	Operation
Searching for a Composite Metric	hcloud DataArtsStudio ListCompoundMetrics	Search for compound metric information by name, creator, reviewer, status, modification time, and l3Id.	Go debug
Creating a Compound Metric	hcloud DataArtsStudio CreateDesignCompoundMetric	This API is used to create a compound metric.	Go debug
Updating a Compound Metric	hcloud DataArtsStudio UpdateDesignCompoundMetric	This API is used to update a compound metric.	Go debug
Deleting Compound Metrics	hcloud DataArtsStudio DeleteDesignCompoundMetric	This API is used to delete compound metrics with specified IDs.	Go debug
Viewing Composite Metric Details	hcloud DataArtsStudio ShowCompoundMetricById	This API is used to obtain details about a composite index by ID.	Go debug

Dimensions

API Name	Command	Description	Operation
Search Dimension	hcloud DataArtsStudio ListDimensions	Search for dimension information based on the Chinese and English names, description, creator, reviewer, status, l3Id, derivative indicator ID list, and modification time.	Go debug
Creating a Dimension	hcloud DataArtsStudio CreateDesignDimension	This API is used to create a dimension.	Go debug

API Name	Command	Description	Operation
Updating a Dimension	hcloud DataArtsStudio UpdateDesignDimension	This API is used to update a dimension.	Go debug
Deleting Dimensions	hcloud DataArtsStudio DeleteDesignDimension	This API is used to delete dimensions with specified IDs.	Go debug
Viewing Dimension Details	hcloud DataArtsStudio ShowDimensionById	This API is used to view dimension details by ID.	Go debug
View Dimension Granularity	hcloud DataArtsStudio ListDimensionGroups	This API is used to query the dimension granularity. All dimensions are queried based on tableId. If tableId is not transferred, the granularity of all dimension groups is queried.	Go debug
View Reverse Dimension Table Task	hcloud DataArtsStudio CheckDimensionStatus	View the reverse dimension table task.	Go debug

Filters

API Name	Command	Description	Operation
Searching for a Service Filter	hcloud DataArtsStudio ListCondition	Search for filter information by name, description, creator, reviewer, filter group ID, modification time, and status.	Go debug
Viewing Restriction Details	hcloud DataArtsStudio ShowConditionById	This API is used to query restriction details by ID.	Go debug

Dimension Tables

API Name	Command	Description	Operation
Searching for a Dimension Table	hcloud DataArtsStudio ListDimensionLogicTables	Search for dimension table information by Chinese and English names, creator, reviewer, status, and modification time.	Go debug
Deleting Dimension Tables	hcloud DataArtsStudio DeleteDesignDimensionLogicTable	This API is used to delete dimension tables with specified IDs.	Go debug
Viewing Dimension Table Details	hcloud DataArtsStudio ShowDimensionLogicTableById	This API is used to view details about a dimension table by ID.	Go debug

Fact Tables

API Name	Command	Description	Operation
Searching for a Fact Table	hcloud DataArtsStudio ListFactLogicTables	Search for fact table information by Chinese and English names, creator, reviewer, status, and modification time.	Go debug
Deleting Fact Tables	hcloud DataArtsStudio DeleteDesignFactLogicTable	This API is used to delete fact tables with specified IDs.	Go debug
Viewing Fact Table Details	hcloud DataArtsStudio ShowFactLogicTableById	This API is used to view details about a fact table by ID.	Go debug
Viewing a Reverse Fact Table Task	hcloud DataArtsStudio CheckFactLogicTableStatus	View the reverse fact table task.	Go debug

Summary Tables

API Name	Command	Description	Operation
Searching for a Summary Table	hcloud DataArtsStudio ListAggregation- LogicTables	You can search for summary tables by Chinese and English names, creator, reviewer, status, and modification time. Fuzzy search is supported.	Go debug
Creating Summary Tables	hcloud DataArtsStudio CreateDesignAggr egregationLogicTable	Manually create a summary table based on the input parameters.	Go debug
Update Summary Table	hcloud DataArtsStudio UpdateDesignAgg regationLogicTa- ble	Update the summary table.	Go debug
Deleting Summary Tables	hcloud DataArtsStudio DeleteDesignAggr egregationLogicTable	You can delete summary tables in batches. Only tables in the Draft, Offline, or Rejected state can be deleted.	Go debug
Viewing SDR Table Details	hcloud DataArtsStudio ShowAggregation LogicTableById	This API is used to view details about an SDR table by ID.	Go debug

Business Metrics

API Name	Command	Description	Operation
Querying Service Indicator Information	hcloud DataArtsStudio ListBizMetrics	Search for service indicator information by name, creator, and modification time.	Go debug
Creating a Service Indicator	hcloud DataArtsStudio CreateBizMetric	Create a service indicator.	Go debug
Updating Service Indicators	hcloud DataArtsStudio UpdateBizMetric	Updated service indicators.	Go debug

API Name	Command	Description	Operation
Delete Business Metrics	hcloud DataArtsStudio DeleteBizMetric	Delete a service indicator.	Go debug
Viewing Indicator Details	hcloud DataArtsStudio ShowBizMetricById	This API is used to view indicator details by ID.	Go debug
Viewing Indicator Dimension Information	hcloud DataArtsStudio ListBizMetricDimensions	View the indicator dimension information.	Go debug
View Metric Owner Information	hcloud DataArtsStudio ListBizMetricOwners	View the metric owner information.	Go debug
Obtains indicator association information.	hcloud DataArtsStudio ListMetricRelations	This API is used to obtain the current metric graph.	Go debug

Version Information

API Name	Command	Description	Operation
Searching for Version Information	hcloud DataArtsStudio SearchVersions	Search for version information by name, creator, and modification time.	Go debug
Comparing Versions	hcloud DataArtsStudio CompareDesignVersions	This API is used to compare two versions with different IDs.	Go debug

ER Modeling

API Name	Command	Description	Operation
Lookup Table Model List	hcloud DataArtsStudio ListTableModels	Query table model information in relational modeling by Chinese and English names, creator, reviewer, status, and modification time. The table model information includes logical entities, physical tables, and attributes.	Go debug
Creating a Table Model	hcloud DataArtsStudio CreateTableModel	Create a table model in relational modeling, including logical entities and physical tables.	Go debug
Updating a Table Model	hcloud DataArtsStudio UpdateTableModel	Updates a table model and its attributes, including logical entities and physical tables, in relational modeling.	Go debug
Deleting a Table Model	hcloud DataArtsStudio DeleteTableModel	Deletes a table model and its attributes, including logical entities and physical tables, from relational modeling.	Go debug
Querying a Relationship	hcloud DataArtsStudio ListRelations	Search for relationship information by relationship name (fuzzy query is supported), creator, start time, and end time.	Go debug
Viewing Relationship Details	hcloud DataArtsStudio ShowRelationById	This API is used to obtain relationship details by ID.	Go debug
Querying All Relationships in a Model	hcloud DataArtsStudio ListTableModelRelations	This API is used to query all relationships in a model.	Go debug

API Name	Command	Description	Operation
Viewing Table Model Details	hcloud DataArtsStudio ShowTableModelById	This API is used to obtain model table details by ID.	Go debug
Obtaining a Model	hcloud DataArtsStudio ListWorkspaces	This API is used to obtain information about all models in the current space.	Go debug
Creating a Model Workspace	hcloud DataArtsStudio CreateWorkspace	Create a model workspace.	Go debug
Updating the Model Workspace	hcloud DataArtsStudio UpdateWorkspace	Update the model workspace.	Go debug
Deleting a Model Workspace	hcloud DataArtsStudio DeleteWorkspaces	Deletes a model workspace.	Go debug
Viewing Details About a Model	hcloud DataArtsStudio ShowWorkspaceDetailById	This API is used to query the workspace details of a physical or logical model.	Go debug
Querying Destination Tables and Fields (To Be Offline)	hcloud DataArtsStudio SearchFieldsForRelation	Query the destination table and fields (to be brought offline).	Go debug
Exporting DDL Statements of Tables in a Model	hcloud DataArtsStudio ExportDesignModelTableDdl	Exports DDL statements of a specified table based on the model ID.	Go debug
Converting a Logical Model to a Physical Model	hcloud DataArtsStudio BatchCreateDesignTableModelsFromLogic	This API is used to convert a logical model to a physical model and displays information of the physical model.	Go debug
Obtaining the Operation Result	hcloud DataArtsStudio ShowDesignOperationResult	This API is used to obtain the result of a batch operation, for example, converting a logical model to a physical model or reversing a database.	Go debug

Import and Export

API Name	Command	Description	Operation
Importing subjects	hcloud DataArtsStudio ImportCatalogs	Used to import themes.	Go debug
Import models, relationship modeling, dimension modeling, code tables, service indicators, and process architecture.	hcloud DataArtsStudio ImportModels	Import models, relationship modeling, dimension modeling, code tables, service indicators, and process architecture.	Go debug
Querying the Import Result	hcloud DataArtsStudio ImportResult	Query the processing result of importing the Excel file. The value of uuid is the result returned by the /design/models/action or /design/catalogs/action API.	Go debug
Exporting Service Data	hcloud DataArtsStudio ExportDesignModels	Export service data based on request parameters. The following data can be exported: code table, data standard, atomic metric, derivative metric, compound metric, summary table, service metric, theme, process, logical model, physical model, dimension, and fact table.	Go debug
Obtain the Excel export result.	hcloud DataArtsStudio ExportDesignResult	Obtain the Excel export result based on the UUID returned when the service data (/export-model) is exported.	Go debug

Customized Items

API Name	Command	Description	Operation
Querying Customized Items	hcloud DataArtsStudio SearchCustomized Fields	Query customized items (including table customized items, attribute customized items, theme customized items, and service indicator customized items).	Go debug
Modifying a Customized Item	hcloud DataArtsStudio ModifyCustomize dFields	Modify customized items (including table customized items, attribute customized items, theme customized items, and service indicator customized items).	Go debug

Quality Rules

API Name	Command	Description	Operation
Update the abnormal data output configuration of the table.	hcloud DataArtsStudio UpdateDesignTabl eQuality	Update the abnormal data output configuration of the table, including whether to generate abnormal data, setting the abnormal data database or schema, and setting the prefix or suffix of the abnormal table.	Go debug
Clear Quality Rule	hcloud DataArtsStudio RemoveDesignQu alityInfos	Clears the quality rule of a table.	Go debug

Data Layers

API Name	Command	Description	Operation
get data layers info	hcloud DataArtsStudio ListDesignDataLayers	This API is used to obtain data warehouse layers.	Go debug
update or delete data layers	hcloud DataArtsStudio UpdateDesignDataLayers	This API is used to modify or delete a data warehouse layer.	Go debug

Rule Template APIs

API Name	Command	Description	Operation
Obtaining the Rule Template List	hcloud DataArtsStudio ListQualityTemplates	This API is used to obtain the list of rule templates.	Go debug
Obtaining Rule Template Details	hcloud DataArtsStudio ShowTemplatesDetail	This API is used to obtain the details of a rule template.	Go debug

Quality Job APIs

API Name	Command	Description	Operation
Obtaining the Quality Job List	hcloud DataArtsStudio ListQualityTask	This API is used to obtain the list of quality jobs.	Go debug
Obtaining Quality Job Details	hcloud DataArtsStudio ShowQualityTaskDetail	This API is used to obtain the details of a quality job.	Go debug

Comparison Job APIs

API Name	Command	Description	Operation
Obtaining the Comparison Job List	hcloud DataArtsStudio ListConsistency- Task	This API is used to obtain the list of comparison jobs.	Go debug
Obtaining Comparison Job Details	hcloud DataArtsStudio ShowConsistency- TaskDetail	This API is used to obtain the details of a comparison job.	Go debug

O&M APIs

API Name	Command	Description	Operation
Obtaining the Task Execution Result List	hcloud DataArtsStudio ListInstances	This API is used to obtain the list of task execution results.	Go debug
Obtaining the Instance Result	hcloud DataArtsStudio ShowInstanceResu lt	This API is used to obtain the instance result.	Go debug

Overview APIs

API Name	Command	Description	Operation
Querying and Collecting Statistics on User-related Overview Development Indicators	hcloud DataArtsStudio ShowApisOvervie w	This API is used to query and collect statistics on user-related overview development metrics.	Go debug
This API is used to query and collect statistics on user-related overview invoking metrics.	hcloud DataArtsStudio ShowAppsOvervie w	This API is used to query and collect statistics on user-related overview invoking metrics.	Go debug
Querying Top N API Services Invoked	hcloud DataArtsStudio ListApisTop	This API is used to query the top N API services invoked.	Go debug
Querying Top N App Services	hcloud DataArtsStudio ListAppsTop	This API is used to query top N services used by an app.	Go debug

API Name	Command	Description	Operation
Querying API Statistics Details	hcloud DataArtsStudio ShowApisDetail	This API is used to query API statistics details.	Go debug
Querying App Statistics Details	hcloud DataArtsStudio ShowAppsDetail	This API is used to query the statistics of an app.	Go debug
Querying API Dashboard Data Details	hcloud DataArtsStudio ShowApisDashboa rd	This API is used to query API dashboard data details.	Go debug
Querying Data Details of a Specified API Dashboard	hcloud DataArtsStudio ShowApiDashboar d	This API is used to query details about a specified API dashboard.	Go debug
Querying App Dashboard Data Details	hcloud DataArtsStudio ShowAppsDashbo ard	This API is used to query app dashboard data details.	Go debug
Querying Top N APIs Invoked by a Specified API Application	hcloud DataArtsStudio ListApiTopN	This API is used to query top N APIs called by a specified application.	Go debug

Cluster Management APIs

API Name	Command	Description	Operation
Querying the Access Log List of a Data Service Cluster	hcloud DataArtsStudio ListDataServiceIn stanceAccesslogs	This API is used to query the access logs of a DataArts DataService cluster.	Go debug
Enabling OBS Log Dump in a Data Service Cluster	hcloud DataArtsStudio UpdateDataServi ceInstanceObsLog	This API is used to enable the logs of a DataArts DataService cluster to be dumped to OBS.	Go debug
Enabling LTS Log Dump for Data Service Clusters	hcloud DataArtsStudio UpdateDataServi ceInstanceLtsLog	This API is used to enable the logs of a DataArts DataService cluster to be dumped to LTS.	Go debug

Instance Management APIs

API Name	Command	Description	Operation
Obtaining the List of Instances	hcloud DataArtsStudio ListDataArtsStudioInstances	Obtaining the instance list	Go debug

Instance Purchase APIs

API Name	Command	Description	Operation
Buying a DataArts Studio Instance with a Few Clicks	hcloud DataArtsStudio PayForDgcOneKey	This API is used to buy a DataArts Studio instance.	Go debug

Metadata Acquisition APIs

API Name	Command	Description	Operation
Obtaining the List of Databases	hcloud DataArtsStudio ListDatabases	This API is used to obtain the database list.	Go debug
Obtaining Schemas	hcloud DataArtsStudio ListSchemas	This API is used to obtain schemas. Only GaussDB(DWS) and RDS for PostgreSQL support schemas. Before calling this API, check whether the data source supports the schema field.	Go debug
Obtaining Tables in the Data Source	hcloud DataArtsStudio ListDataTables	This API is used to obtain tables in the data source.	Go debug
Obtaining Table Fields in the Data Source	hcloud DataArtsStudio ListColumns	This API is used to obtain table fields in the data source.	Go debug

Workspace Management APIs

API Name	Command	Description	Operation
Deleting Workspaces	hcloud DataArtsStudio BatchDeleteWorkspaces	This API is used to delete a workspace.	Go debug
Modifying a Workspace	hcloud DataArtsStudio UpdateWorkSpace Old	This API is used to modify a workspace.	Go debug

Job Development Interface APIs

API Name	Command	Description	Operation
Stop a supplementary data instance	hcloud DataArtsStudio StopFactorySupplementDataInstance	This API is used to stop a specified PatchData instance. A PatchData instance can be stopped only when it is in running state.	Go debug
Create an interface for supplementing data instances	hcloud DataArtsStudio CreateFactorySupplementDataInstance	This API is used to create a PatchData instance.	Go debug
Query all supplementary data instances	hcloud DataArtsStudio ShowFactorySupplementData	This API is used to query PatchData instances. Pagination query is supported.	Go debug
Modify Job Name	hcloud DataArtsStudio UpdateFactoryJobName	This API is used to change the name of a job.	Go debug
Set Job Tags	hcloud DataArtsStudio SetFactoryJobTags	This API is used to configure job tags.	Go debug
Full text search	hcloud DataArtsStudio ShowFactoryFull-Text	This API is used to perform a global search.	Go debug

API Name	Command	Description	Operation
Query alarm notification records	hcloud DataArtsStudio ListFactoryAlarmInfo	This API is used to query the alarm notifications in a specified period.	Go debug
Query job table reference details for a single table	hcloud DataArtsStudio ListTaskTableReferenceDetail	Query the details of which jobs reference a table by table name, supporting filtering by input/output type, workspace, etc.	Go debug
Query the instance list of the specified job	hcloud DataArtsStudio ListFactoryJobInstancesByName	This API is used to query the instances of a job based on the job name.	Go debug
Rerun job instance	hcloud DataArtsStudio RetryFactoryJobInstance	Job instances and upstream and downstream job instances can be rerun.	Go debug

Publish Package Management Interface APIs

API Name	Command	Description	Operation
Query the list of packages to be published	hcloud DataArtsStudio ListFactoryPendingItems	This API is used to query the list of packages to be released.	Go debug
Pending package release	hcloud DataArtsStudio CreateFactoryPendingItemsPackage	This API is used to release a package.	Go debug

Baseline Operation and Maintenance APIs

API Name	Command	Description	Operation
Query the list of baseline instances	hcloud DataArtsStudio ListFactorySearch-BaselineInstances	This API is used to query the application list in Review Center.	Go debug

API Name	Command	Description	Operation
Query event list	hcloud DataArtsStudio ListSearchFactory- yEvents	Query event list	Go debug
Query the list of baseline tasks.	hcloud DataArtsStudio ListSearchFactory- Baselines	Query the list of baseline tasks.	Go debug
Create a baseline task.	hcloud DataArtsStudio CreateFactoryBa- seline	Create a baseline task.	Go debug

DataFactory Approval Management APIs

API Name	Command	Description	Operation
Query the list of approval centers	hcloud DataArtsStudio ListFactoryWork- spacesApproval	Query the list of approval centers.	Go debug

Integration Job Log APIs

API Name	Command	Description	Operation
Listing Real-Time Processing Integration Job Logs	hcloud DataArtsStudio ListTaskLogs	This API is used to query the list of real-time processing integration job logs.	Go debug
Downloading Real-Time Processing Integration Job Logs	hcloud DataArtsStudio DownloadTaskLog	This API is used to obtain log content within a specified range. The maximum supported log size is 10 MB.	Go debug

Integration Job Monitoring APIs

API Name	Command	Description	Operation
Querying Real-Time Processing Integration Job Monitoring Metrics	hcloud DataArtsStudio ShowJobMonitorInfo	This API is used to query monitoring metric results of real-time processing integration job subtasks, including runtime metrics such as throughput and latency of each subtask.	Go debug
Querying Real-Time Job Details	hcloud DataArtsStudio ShowRealTimeJobDetails	This API is used to query detailed monitoring information about real-time jobs, including job status, engine version, tracking URL, and details of each subtask.	Go debug

Resource Group Network Connection Management APIs

API Name	Command	Description	Operation
Listing Resource Group Network Connections	hcloud DataArtsStudio ListDatasourceConnections	This API is used to query the list of DLI resource group network connections created by the user.	Go debug
Creating a Resource Group Network Connection	hcloud DataArtsStudio CreateDatasourceConnection	This API is used to create a resource group network connection with other services.	Go debug
Querying a Resource Group Network Connection	hcloud DataArtsStudio ShowDatasourceConnection	This API is used to query DLI resource group network connections created by the user.	Go debug

API Name	Command	Description	Operation
Modifying Host Information of a Resource Group Network Connection	hcloud DataArtsStudio UpdateDataSourceConnectionHost-Message	This API is used to modify data source host information in a DLI resource group network connection. Only full replacement is supported.	Go debug
Deleting a Resource Group Network Connection	hcloud DataArtsStudio DeleteDataSourceConnection	This API is used to delete a created DLI resource group network connection.	Go debug
Binding a Cluster	hcloud DataArtsStudio AssociateConnectionCluster	This API is used to bind a cluster to a created resource group network connection.	Go debug
Creating a Route	hcloud DataArtsStudio CreateDataSourceConnectionRoutes	This API is used to add a route to a resource group network connection.	Go debug
Deleting a Route	hcloud DataArtsStudio DeleteDataSourceConnectionRoutes	This API is used to delete a route added to a resource group network connection.	Go debug

Permission management APIs

API Name	Command	Description	Operation
Creating a Permission Set	hcloud DataArtsStudio CreateSecurityPermissionSet	Creating a Permission Set	Go debug
Querying the Permission Set List	hcloud DataArtsStudio ListSecurityPermissionSets	Querying the Permission Set List	Go debug
Querying Permission Sets	hcloud DataArtsStudio ShowSecurityPermissionSet	Querying Permission Sets	Go debug

API Name	Command	Description	Operation
Delete Permission Set	hcloud DataArtsStudio DeleteSecurityPer- missionSet	Delete Permission Set	Go debug
Update Permission Set	hcloud DataArtsStudio UpdateSecurityPer- missionSet	Update Permission Set	Go debug
Adding a Permission Set Member	hcloud DataArtsStudio CreateSecurityPer- missionSetMembe- r	Adding a Permission Set Member	Go debug
Querying the Member List of a Permission Set	hcloud DataArtsStudio ListSecurityPer- missionSetMembe- rs	Querying the Member List of a Permission Set	Go debug
Creating Permission Set Members in Batches	hcloud DataArtsStudio BatchCreateSecur- ityPermissionSet- Members	Creating Permission Set Members in Batches	Go debug
Deleting Permission Set Members in Batches	hcloud DataArtsStudio BatchDeleteSecur- ityPermissionSet- Members	Deleting Permission Set Members in Batches	Go debug
Adding Permissions to a Permission Set	hcloud DataArtsStudio CreateSecurityPer- missionSetPermis- sion	Adding Permissions to a Permission Set	Go debug
Querying the Permission List of a Permission Set	hcloud DataArtsStudio ListSecurityPer- missionSetPermis- sions	Querying the Permission List of a Permission Set	Go debug
Appending Permissions from a Permission Set	hcloud DataArtsStudio BatchCreateSecur- ityPermissionSet- Permissions	Appending Permissions from a Permission Set	Go debug

API Name	Command	Description	Operation
Deleting Permissions from a Permission Set	hcloud DataArtsStudio BatchDeleteSecurityPermissionSet-Permissions	Deleting Permissions from a Permission Set	Go debug
Updating Permissions for a Permission Set	hcloud DataArtsStudio UpdateSecurityPermissionSetPermission	Updating Permissions for a Permission Set	Go debug
Query Permissions Available for a Data Source	hcloud DataArtsStudio ListSecurityDataSourceConfigurations	This API is used to query the permissions available for a data source.	Go debug
Querying URLs	hcloud DataArtsStudio ListSecurityDataSourceUrls	This API is used to query URLs.	Go debug
Querying Data Operations	hcloud DataArtsStudio ListSecurityDataSourceActions	This API is used to query data operations.	Go debug
Querying the Permission List of a Specified User	hcloud DataArtsStudio ListSecurityMemberPermissionsByUserId	This API is used to query the permission list of a specified user.	Go debug

Data classification rule management APIs

API Name	Command	Description	Operation
Querying the data classification rule list	hcloud DataArtsStudio ListSecurityDataClassificationRules	Querying the data classification rule list	Go debug
Creating data classification rule	hcloud DataArtsStudio CreateSecurityDataClassificationRule	Creating data classification rule	Go debug

API Name	Command	Description	Operation
Querying the data classification rule by id	hcloud DataArtsStudio ShowSecurityData ClassificationRule	Querying the data classification rule by id	Go debug
Deleting the data classification rule by id	hcloud DataArtsStudio DeleteSecurityDa- taClassification- Rule	Deleting the data classification rule by id	Go debug
Updating the data classification rule by id	hcloud DataArtsStudio UpdateSecurityDa taClassification- Rule	Updating the data classification rule by id	Go debug
Batch deleting the data classification rules	hcloud DataArtsStudio BatchDeleteSecur- ityDataClassifica- tionRule	Batch deleting the data classification rules	Go debug
Updating the data classification rule's enabled status by rule id	hcloud DataArtsStudio UpdateSecurityR- uleEnableStatus	Updating the data classification rule's enabled status by rule id	Go debug

Data classification rule group management APIs

API Name	Command	Description	Operation
Querying the data classification rule group list	hcloud DataArtsStudio ListSecurityData- ClassificationRu- leGroups	Querying the data classification rule group list	Go debug
Querying the data classification rule group by id	hcloud DataArtsStudio ShowSecurityData ClassificationRu- leGroup	Querying the data classification rule group by id	Go debug

Data Permission Query APIs

API Name	Command	Description	Operation
Querying Permissions of a Role on Databases and Tables	hcloud DataArtsStudio ListSecurityRoleAc tions	This API is used to query the permissions of a role on a group of databases and tables.	Go debug

Security Level Management APIs

API Name	Command	Description	Operation
Creating a Security Level	hcloud DataArtsStudio CreateSecuritySe crecyLevel	This API is used to create a security level.	Go debug
Obtaining a Security Level	hcloud DataArtsStudio ListSecuritySecre cyLevels	This API is used to obtain a security level.	Go debug
Querying a Specified Security Level	hcloud DataArtsStudio ShowSecuritySecr ecyLevel	This API is used to query the security level with a specified ID.	Go debug
Deleting a Specified Security Level	hcloud DataArtsStudio DeleteSecuritySe crecyLevel	This API is used to delete the security level with a specified ID.	Go debug
Modifying a Specified Security Level	hcloud DataArtsStudio UpdateSecuritySe crecyLevel	This API is used to modify the security level with a specified ID.	Go debug
Deleting Security Levels	hcloud DataArtsStudio BatchDeleteSecur itySecrecyLevels	This API is used to delete security levels.	Go debug

Permission Application APIs

API Name	Command	Description	Operation
Querying DataArts Factory Data Connections That Support Fine-grained Authentication	hcloud DataArtsStudio ListSecurityDlfDataWareHouses	This API is used to query the DataArts Factory data connections that support fine-grained authentication.	Go debug
Updating Fine-grained Authentication Status of DataArts Factory Data Connections	hcloud DataArtsStudio BatchUpdateSecurityDlfDataWareHouses	This API is used to update the fine-grained authentication status of DataArts Factory data connections.	Go debug
Testing the Connectivity of a DataArts Factory Data Connection That Supports Fine-grained Authentication	hcloud DataArtsStudio DebugSecurityDlfDataWareHouses	This API is used to test the connectivity of a DataArts Factory data connection that supports fine-grained authentication.	Go debug

Sensitive Data Discovery Result Management APIs

API Name	Command	Description	Operation
Querying the Sensitive Data Discovery Result Overview by Category and Security Level	hcloud DataArtsStudio ListSecuritySensitiveDataOverviews	This API is used to query the sensitive data discovery result overview by category and security level.	Go debug
Querying Sensitive Data Discovery Details	hcloud DataArtsStudio ListSecuritySensitiveDataDetails	This API is used to query sensitive data discovery details.	Go debug

Workspace Resource Permission Policy Management

API Name	Command	Description	Operation
Querying Workspace Resource Permission Policies	hcloud DataArtsStudio ListSecurityResourcePermissions	This API is used to query workspace resource permission policies.	Go debug
Creating a Workspace Resource Permission Policy	hcloud DataArtsStudio CreateSecurityResourcePermissionPolicy	This API is used to create a workspace resource permission policy.	Go debug
Querying a Workspace Resource Permission Policy	hcloud DataArtsStudio ShowSecurityResourcePermissionPolicy	This API is used to query a workspace resource permission policy.	Go debug
Updating a Workspace Resource Permission Policy	hcloud DataArtsStudio UpdateSecurityResourcePermissionPolicy	This API is used to update a workspace resource permission policy.	Go debug
Deleting Workspace Resource Permission Policies	hcloud DataArtsStudio BatchDeleteSecurityResourcePermissionPolicies	This API is used to delete workspace resource permission policies.	Go debug

Data Security Diagnosis

API Name	Command	Description	Operation
Querying the Diagnosis Result of the Sensitive Data Protection Module	hcloud DataArtsStudio ShowSecuritySensitiveDataDiagnoseResult	This API is used to query the diagnosis result of the sensitive data protection module.	Go debug
Querying Tables for Which No Static Masking Task Has Been Performed	hcloud DataArtsStudio ShowSecurityNoMaskingTableResult	This API is used to query the tables for which no static masking task has been performed.	Go debug

API Name	Command	Description	Operation
Querying the Diagnosis Result of the Data Source Protection Module	hcloud DataArtsStudio ShowSecurityData sourceProtection- DiagnoseResult	This API is used to query the diagnosis result of the data source protection module.	Go debug
Diagnosing Data Security	hcloud DataArtsStudio ExecuteSecurity- Diagnose	This API is used to diagnose data security.	Go debug
Query Improper Permission Configurations	hcloud DataArtsStudio ListSecurityUnrea- sonablePermission s	This API is used to query improper permission configurations.	Go debug
Querying the Diagnosis Result of the Data Permission Control Module	hcloud DataArtsStudio ShowSecurityPer- missionManagem entDiagnoseResul t	This API is used to query the diagnosis result of the data permission control module.	Go debug

Data Classification

API Name	Command	Description	Operation
Importing a Preset Classification	hcloud DataArtsStudio ImportSecurityBuil tinCategoryGroup s	This API is used to import a preset classification.	Go debug
Creating a Data Classification	hcloud DataArtsStudio CreateSecurityDa- taCategory	This API is used to create a data classification.	Go debug
Deleting Data Classifications	hcloud DataArtsStudio BatchDeleteSecur- ityDataCategories	This API is used to delete data classifications.	Go debug
Modifying a Data Classification	hcloud DataArtsStudio UpdateSecurityDa taCategories	This API is used to modify a data classification.	Go debug

Permission Approval

API Name	Command	Description	Operation
Approving a Service Ticket	hcloud DataArtsStudio AcceptSecurityAp- plication	This API is used to approve a service ticket.	Go debug
Rejecting a Service Ticket	hcloud DataArtsStudio DeclineSecurityAp- plication	This API is used to reject a service ticket.	Go debug
Obtaining the Service Ticket List	hcloud DataArtsStudio ListSecurityApprov- als	This API is used to obtain the service ticket list.	Go debug
Approving Service Tickets	hcloud DataArtsStudio BatchApproveSecu- rityApplications	This API is used to approve service tickets.	Go debug
Rejecting Service Tickets	hcloud DataArtsStudio BatchRejectSecur- ityApplications	This API is used to reject service tickets.	Go debug

Lookup Table Management

API Name	Command	Description	Operation
Querying the Lookup List	hcloud DataArtsStudio SearchCodeTables	This API is used to query the lookup table list.	Go debug
Creating a Lookup Table	hcloud DataArtsStudio CreateCodeTable	Create a lookup table.	Go debug
Deleting Lookup Tables	hcloud DataArtsStudio DeleteCodeTable	Deletes a lookup table.	Go debug
Modifying a Lookup Table	hcloud DataArtsStudio UpdateCodeTable	Modify the lookup table.	Go debug
Viewing Lookup Table Details	hcloud DataArtsStudio ShowCodeTableBy Id	This API is used to view details about a lookup table by ID.	Go debug

API Name	Command	Description	Operation
Viewing Field Values in the Code Table	hcloud DataArtsStudio SearchCodeTable- Values	Check the values of the fields in the code table.	Go debug
Edit Code Table Field Value	hcloud DataArtsStudio UpdateCodeTable Values	Edit the values of the fields in the lookup table.	Go debug

Tag API

API Name	Command	Description	Operation
Add a tag	hcloud DataArtsStudio AddDesignEntity- Tags	Tags an asset (table or attribute) based on its ID.	Go debug
Delete a tag.	hcloud DataArtsStudio RemoveDesignEnt ityTags	This API is used to delete an asset tag based on the ID of an asset (table or attribute).	Go debug

Catalog APIs

API Name	Command	Description	Operation
Obtaining Job Catalogs	hcloud DataArtsStudio ListCategory	This API is used to obtain job directories.	Go debug

API Management APIs

API Name	Command	Description	Operation
Create an API.	hcloud DataArtsStudio CreateApi	Create an API.	Go debug
Querying an API List	hcloud DataArtsStudio ListApis	This API is used to query the API list.	Go debug

API Name	Command	Description	Operation
Updating an API	hcloud DataArtsStudio UpdateApi	Update the API.	Go debug
Querying API Information	hcloud DataArtsStudio ShowApi	This API is used to query API information.	Go debug
Deleting multiple APIs	hcloud DataArtsStudio DeleteApi	This API is used to delete APIs in batches.	Go debug
Publishing an API	hcloud DataArtsStudio PublishApiToInstance	Publish the API Only published APIs can be called. You can choose to publish an API to a specified gateway.	Go debug
API operations (offline/suspension/resumption)	hcloud DataArtsStudio ExecuteApiToInstance	• Bring the API offline. Take a published API offline. After the API is unpublished, its authorization will be canceled and the API cannot be called. • Disable an API. Temporarily take a published API offline. After the API is suspended, its authorization will be retained. The API cannot be called during the suspension. • Restore the API. This API is used to resume a disabled API. After the API is restored, it can be called again.	Go debug

API Name	Command	Description	Operation
Batch Authorization API (Exclusive Edition)	hcloud DataArtsStudio AuthorizeApiToIn- stance	An app cannot access any APIs after being created. To enable an app to access an API, authorize the API to the app. After the authorization is successful, the app can access the API within the validity period.	Go debug
Debugging an API	hcloud DataArtsStudio DebugApi	Debug the API.	Go debug

API Name	Command	Description	Operation
API authorization operations (authorization/authorization cancellation/application/renewal)	hcloud DataArtsStudio AuthorizeActionA- piToInstance	• Proactive API authorization: An API reviewer can initiate an API authorization request. After the API authorization is successful, the app can access the API within the validity period. API authorization includes authorization and renewal. • Authorization: Apps are granted the right to access APIs within the validity period. • Renewal: The validity period of the authorization is updated during renewal. The validity period can be extended but cannot be reduced. • API authorization cancellation: An API reviewer can cancel the authorization relationship between an API and an app. After the API authorization is canceled, the app can no longer call the API. Before performing this operation, reserve at least two days for the app to make preparations. • App authorization cancellation: The app owner can	Go debug

API Name	Command	Description	Operation
		initiate a request to cancel the authorization relationship between an API and an app. After the API authorization is canceled, the app can no longer call the API. This operation requires no preparation time. • App authorization application: An app owner can initiate an application for an API. After the application is approved by the API reviewer, the app can access the API. The authorization grants the app the right to access the API within the validity period. The API review is required. • App renewal: The app owner can initiate a renewal request. The renewal will update the authorization validity period. The validity period can be extended but cannot be reduced. The renewal needs to be reviewed by the API.	
Querying API Publishing Messages in DLM Exclusive	hcloud DataArtsStudio SearchPublishInfo	This API is used to query the API publishing messages in different clusters.	Go debug

API Name	Command	Description	Operation
Querying Instances for API Operations in DLM Exclusive	hcloud DataArtsStudio ListInstanceList	This API is used to query instances for API operations (Exclusive Edition).	Go debug
Querying API Debugging Messages in DLM Exclusive	hcloud DataArtsStudio SearchDebugInfo	This API is used to query the API debugging information in different clusters.	Go debug
Importing an Excel File Containing API Information	hcloud DataArtsStudio ImportDataServiceExcel	This API is used to import an Excel file that contains APIs.	Go debug
Exporting an Excel File Containing API Information	hcloud DataArtsStudio ExportDataServiceExcel	This API is used to export an Excel file that contains APIs.	Go debug
Exporting a .zip File Containing All APIs	hcloud DataArtsStudio ExportDataServiceZip	This API is used to export a .zip file that contains all APIs.	Go debug
Downloading an Excel Template	hcloud DataArtsStudio ExportDataServiceExcelTemplate	This API is used to download an Excel template.	Go debug

Application Management APIs

API Name	Command	Description	Operation
Querying the Application List	hcloud DataArtsStudio ListApply	This API is used to query the application list.	Go debug
Reviewing Applications	hcloud DataArtsStudio BatchApproveApply	Review the application.	Go debug
Obtaining Application Details	hcloud DataArtsStudio ShowApplyDetail	This API is used to obtain application details.	Go debug
Creating an app	hcloud DataArtsStudio CreateApp	This API is used to create an app	Go debug

API Name	Command	Description	Operation
Query the application list.	hcloud DataArtsStudio ListApps	Query an application list.	Go debug
Updating an application	hcloud DataArtsStudio UpdateApp	App update	Go debug
Deleting applications	hcloud DataArtsStudio DeleteApp	Delete an app.	Go debug
Query the details about an application.	hcloud DataArtsStudio ShowAppInfo	This API is used to query app details.	Go debug

Message Management APIs

API Name	Command	Description	Operation
Querying the Message List	hcloud DataArtsStudio ListMessage	This API is used to query the notification message list of the review center. Different from applications, notification messages cannot be rejected and can be processed only within a specified time period.	Go debug
Processing Messages	hcloud DataArtsStudio ConfirmMessage	Confirms received notification messages and selects when to process the messages within a specified time range.	Go debug
Obtaining Message Details	hcloud DataArtsStudio ShowMessageDetail	This API is used to obtain message details. This function is only used for displaying application details and not for processing. Therefore, background parameters such as the ID are not displayed.	Go debug

Service Catalog Management APIs

API Name	Command	Description	Operation
Obtaining the List of APIs and Catalogs in a Catalog	hcloud DataArtsStudio ListAllCatalogList	This API is used to obtain the list of APIs and catalogs in the current catalog. The list is displayed in the data format of the catalog.	Go debug
Obtaining the List of APIs in a Catalog	hcloud DataArtsStudio ListApiCatalogList	This API is used to obtain the list of APIs in a catalog.	Go debug
Obtaining the List of Sub-Catalogs in a Catalog	hcloud DataArtsStudio ListCatalogList	This API is used to obtain the directory list in the current directory. (Full data is not displayed on multiple pages. It is recommended that this API be used only in scenarios where pagination cannot be performed, such as directory tree generation.)	Go debug
Updating a Service Catalog	hcloud DataArtsStudio UpdateCatalog	This API is used to update a service catalog.	Go debug
Query the service catalog	hcloud DataArtsStudio ShowCatalogDetail	This API is used to query a service catalog.	Go debug
Creating a Service Catalog	hcloud DataArtsStudio CreateServiceCatalog	This API is used to create a service catalog. The ID of the root catalog is 0.	Go debug
Deleting Directories in Batches	hcloud DataArtsStudio DeleteServiceCatalog	This API is used to delete service catalogs in batches.	Go debug
Moving a Catalog to Another Catalog	hcloud DataArtsStudio MigrateCatalog	This API is used to move a catalog to another catalog.	Go debug

API Name	Command	Description	Operation
Moving APIs to Another Catalog	hcloud DataArtsStudio MigrateApi	This API is used to move APIs to another catalog.	Go debug
Obtaining the ID of a Catalog Through Its Path	hcloud DataArtsStudio SearchIdByPath	This API is used to obtain the ID of catalog through its path.	Go debug
Obtaining the Path of a Catalog Through Its ID	hcloud DataArtsStudio ShowPathById	This API is used to obtain the path of a catalog through its ID.	Go debug
Obtaining the Paths to a Catalog Through Its ID	hcloud DataArtsStudio ShowPathObjectById	Obtains a path object based on the directory ID.	Go debug

Gateway Management APIs

API Name	Command	Description	Operation
Obtaining a Gateway Instance (Exclusive Edition)	hcloud DataArtsStudio ListApicInstances	This API is used to obtain a gateway instance (exclusive edition).	Go debug
Obtaining a Gateway Group	hcloud DataArtsStudio ListApicGroups	This API is used to obtain gateway groups.	Go debug

Authorization Management APIs

API Name	Command	Description	Operation
Querying Apps Bound to an API	hcloud DataArtsStudio SearchAuthorizeApp	This API is used to query the apps that have been authorized to an API.	Go debug
Querying Authorized APIs of an App	hcloud DataArtsStudio SearchBindApi	This API is used to query authorized APIs of an app.	Go debug

Identification Rules

API Name	Command	Description	Operation
Creating a Combined Identification Rule	hcloud DataArtsStudio CreateSecurityDataClassification-CombineRule	This API is used to create a combined identification rule.	Go debug
Modifying a Combined Identification Rule	hcloud DataArtsStudio UpdateSecurityDataClassification-CombineRule	This API is used to modify a combined identification rule.	Go debug
Testing a Combined Identification Rule	hcloud DataArtsStudio CheckSecurityDataClassification-CombineRule	This API is used to test a combined identification rule.	Go debug

Rule Groups

API Name	Command	Description	Operation
Creating a Rule Group	hcloud DataArtsStudio CreateSecurityDataClassification-RuleGroup	This API is used to create a rule group.	Go debug
Modifying a Rule Group	hcloud DataArtsStudio UpdateSecurityDataClassification-RuleGroup	This API is used to modify a rule group.	Go debug
Deleting a Rule Group	hcloud DataArtsStudio DeleteSecurityDataClassification-RuleGroup	This API is used to delete a rule group.	Go debug

Data Classifications

API Name	Command	Description	Operation
Querying the Data Classification List	hcloud DataArtsStudio ListSecurityData- Categories	This API is used to query the data classification list.	Go debug

Security Administrator

API Name	Command	Description	Operation
Obtaining the Security Administrator	hcloud DataArtsStudio ShowSecurityAdm in	This API is used to obtain the security administrator.	Go debug
Creating or Updating a Security Administrator	hcloud DataArtsStudio ModifySecurityAd- min	This API is used to create or update a security administrator.	Go debug

Dynamic Data Masking

API Name	Command	Description	Operation
Querying Dynamic Data Masking Policies	hcloud DataArtsStudio ListSecurityDyna- micMaskingPolicie s	This API is used to query dynamic data masking policies.	Go debug
Creating a Dynamic Data Masking Policy	hcloud DataArtsStudio CreateSecurityDy- namicMaskingPoli cy	This API is used to create a dynamic data masking policy.	Go debug
Query Details of a Data Masking Policy	hcloud DataArtsStudio ShowSecurityDyn amicMaskingPoli- cy	This API is used to query the details of a data masking policy.	Go debug
Updating a Dynamic Data Masking Policy	hcloud DataArtsStudio UpdateSecurityDy namicMaskingPoli cy	This API is used to update a dynamic data masking policy.	Go debug

API Name	Command	Description	Operation
Deleting Dynamic Masking Policies	hcloud DataArtsStudio BatchDeleteSecurityDynamicMaskingPolicies	This API is used to delete dynamic masking policies.	Go debug

Permission Application

API Name	Command	Description	Operation
Withdrawing a Permission Application Service Ticket	hcloud DataArtsStudio UnpublishSecurityApplication	This API is used to withdraw a permission application service ticket.	Go debug

Monitoring and operation maintenance

API Name	Command	Description	Operation
Query instance running status	hcloud DataArtsStudio ListFactoryTaskOverview	This API is used to query the instance statuses of the current day, previous day, the day before the previous day, and last seven days.	Go debug
Query task completion status	hcloud DataArtsStudio ListFactoryTaskCompletion	This API is used to query the tasks completed on a specified daythe current day, the previous daythe previous day of a specified day, and over the last seven days of a specified day.	Go debug

Enterprise mode release package management

API Name	Command	Description	Operation
Publishing Package Management - List Query	hcloud DataArtsStudio ListFactoryReleasePackages	This API is used to list release packages.	Go debug
Query the details of the specified publishing package	hcloud DataArtsStudio ShowFactoryPackageDetail	This API is used to query details about a release package.	Go debug
Publish Task Package	hcloud DataArtsStudio DeployFactoryPackages	This API is used to release task packages.	Go debug
Revoke Task Package	hcloud DataArtsStudio CancelFactoryPackages	This API is used to cancel task packages.	Go debug

Script development interface

API Name	Command	Description	Operation
Query Script List	hcloud DataArtsStudio ListFactoryScripts	This API is used to query the script list.	Go debug

Notification Management

API Name	Command	Description	Operation
Query notification rule list	hcloud DataArtsStudio ListFactoryAlarmRules	This API is used to query the notification rule list.	Go debug

Job Development

API Name	Command	Description	Operation
Query the upstream and downstream dependency instances of the job instance.	hcloud DataArtsStudio ShowFactoryDepe ndInstances	Query the upstream and downstream dependency instances of the job instance.	Go debug
Query the upstream and downstream dependency relationships of the job.	hcloud DataArtsStudio ShowFactoryJobD ependInstances	Provides an external interface to query the upstream and downstream dependency relationships of a job and the responsible persons.	Go debug

Integration Cluster Management APIs

API Name	Command	Description	Operation
Creating a Cluster	hcloud DataArtsStudio CreateCluster	This API is used to create a cluster.	Go debug
Batch Associating or Disassociating Data Integration Resources with Workspaces	hcloud DataArtsStudio BatchBindMigrati onResourceToWor kspace	This API is used to batch associate or disassociate data integration resources with a workspace. The action field in workspaces is used to distinguish the operation type. band indicates association, and remove indicates disassociation.	Go debug