

制品仓库

API 参考

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1 使用前必读

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1.1 概述

制品仓库服务（CodeArts Artifact）为软件开发企业提供管理软件发布过程的能力，保障软件发布过程的规范化、可视化及可追溯。

您可以使用本文档API对制品仓库进行相关操作，如发布库下获取文件信息等。支持的全部操作请参见[API概览](#)。

在调用软件开发平台API之前，请确保已经充分了解CodeArts相关概念，详细信息请参见[产品介绍](#)。

1.2 调用说明

CodeArts提供了REST（Representational State Transfer）风格API，支持您通过HTTPS请求调用，调用方法请参见[如何调用API](#)。

您可以在[API Explorer](#)中调用API，查看API请求和返回结果。此外，API Explorer会自动生成相应API调用示例，帮助您使用API。

1.3 终端节点

终端节点（Endpoint）即调用API的请求地址，不同服务不同区域的终端节点不同，制品仓库的终端节点如下表所示，请您根据业务需要选择对应区域的终端节点。

表 1-1 制品仓库的终端节点

| 区域名称 | 区域 | 终端节点 (Endpoint) |
|--------|------------|--|
| 华东-上海一 | cn-east-3 | cloudartifacts-ext.cn-east-3.myhuaweicloud.com |
| 华南-广州 | cn-south-1 | artifact.cn-south-1.myhuaweicloud.com |

1.4 约束与限制

详细的限制请参见具体API的说明。

1.5 基本概念

- 帐号
用户注册华为云时的帐号，帐号对其所拥有的资源及云服务具有完全的访问权限，可以重置用户密码、分配用户权限等。由于帐号是付费主体，为了确保帐号安全，建议您不要直接使用帐号进行日常管理工作，而是创建用户并使用他们进行日常管理工作。
- 用户
由帐号在IAM中创建的用户，是云服务的使用人员，具有身份凭证（密码和访问密钥）。
在[我的凭证](#)下，您可以查看帐号ID和用户ID。通常在调用API的鉴权过程中，您需要用到帐号、用户和密码等信息。
- 区域 (Region)
从地理位置和网络时延维度划分，同一个Region内共享弹性计算、块存储、对象存储、VPC网络、弹性公网IP、镜像等公共服务。
Region分为通用Region和专属Region：
 - 通用Region指面向公共租户提供通用云服务的Region。
 - 专属Region指只承载同一类业务或只面向特定租户提供业务服务的专用Region。详情请参见[区域和可用区](#)。
- 可用区 (AZ, Availability Zone)
一个AZ是一个或多个物理数据中心的集合，有独立的风火水电，AZ内逻辑上再将计算、网络、存储等资源划分成多个集群。一个Region中的多个AZ间通过高速光纤相连，以满足用户跨AZ构建高可用性系统的需求。
- 项目
华为云的区域默认对应一个项目，这个项目由系统预置，用来隔离物理区域间的资源（计算资源、存储资源和网络资源），以默认项目为单位进行授权，用户可以访问您帐号中该区域的所有资源。
如果您希望进行更加精细的权限控制，可以在区域默认的项目中创建子项目，并在子项目中购买资源，然后以子项目为单位进行授权，使得用户仅能访问特定子项目中资源，使得资源的权限控制更加精确。
- 企业项目

企业项目是项目的升级版，针对企业不同项目间资源的分组和管理，是逻辑隔离。企业项目中可以包含多个区域的资源，且项目中的资源可以迁入迁出。关于企业项目ID的获取及企业项目特性的详细信息，请参见《[企业管理服务用户指南](#)》。

2 API 概览

表 2-1 制品仓库接口说明

| 分类 | 接口 |
|---------------|--|
| 获取项目下文件版本信息列表 | 获取项目下文件版本信息列表 |
| 回收站 | 批量还原回收站、批量删除回收站 |
| 仓库管理 | 创建maven仓库、编辑仓库、查看仓库信息、创建docker仓库、删除仓库到回收站、查询租户Maven仓库列表和账号密码、创建非maven仓库、编辑非maven仓库信息 |
| 仓库关联项目 | 查询项目管理关联仓库、项目关联仓库 |
| 仓库容量 | 仓库用量查询 |
| 搜索 | 通过checksum搜索文件、统筹搜索 |
| 用户管理 | 重置用户密码 |
| 仓库详情 | 查询仓库详情，不会去统计仓库下的制品数量、查询单个仓库详细信息，会去统计仓库下的制品数量、查询存储容量趋势 |
| 审计日志 | 查询仓库或文件的审计日志信息 |
| 关注 | 关注组件/取消关注组件、查询关注列表 |
| 文件管理 | 查询仓库文件夹目录、查询仓库文件详情、非maven删除文件 |
| 发布库套餐查询 | 获取当前用户的套餐信息、获取当前用户的套餐状态 |
| 发布库文件管理 | 彻底删除文件/文件夹、分页查询构建归档包列表 |
| 发布库仓库详情 | 查询项目自动删除任务设置 |

3 如何调用 API

- 构造请求
- 认证鉴权
- 返回结果

3.1 构造请求

本节介绍REST API请求的组成，并以调用IAM服务的[获取用户Token](#)接口说明如何调用API，该API获取用户的Token，Token可以用于调用其他API时鉴权。

您还可以通过这个视频教程了解如何构造请求调用API：<https://bbs.huaweicloud.com/videos/102987>。

请求 URI

尽管请求URI包含在请求消息头中，但大多数语言或框架都要求您从请求消息中单独传递它，所以在此单独强调。

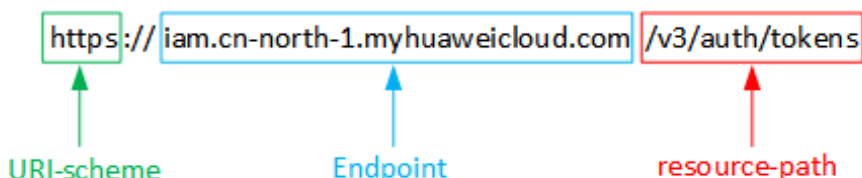
请求URI由四部分构成：**{URI-scheme}://{Endpoint} / {resource-path} ? {query-string}**

| 参数 | 说明 |
|---------------|--|
| URI-scheme | 表示用于传输请求的协议，当前所有API均采用HTTPS协议。 |
| Endpoint | 指定承载REST服务端点的服务器域名或IP，不同服务不同区域的Endpoint不同，您可以从 终端节点 中获取。 例如，IAM服务在华北-北京一区域的Endpoint为iam.cn-north-1.myhuaweicloud.com。 |
| resource-path | 资源路径，即API访问路径，从具体API的URI模块获取。例如，获取用户Token接口的resource-path为/v3/auth/tokens。 |
| query-string | 查询参数，是可选部分，并不是每个API都有查询参数。查询参数前面需要带一个?，形式为 参数名=参数取值 。例如， limit=10 表示查询不超过10条数据。 |

例如，您需要获取IAM在“华北-北京一”区域的Token，则需使用“华北-北京一”区域的Endpoint（iam.cn-north-1.myhuaweicloud.com），并在[获取用户Token](#)的URI部分找到resource-path（/v3/auth/tokens），拼接起来如下所示。

```
https://iam.cn-north-1.myhuaweicloud.com/v3/auth/tokens
```

图 3-1 URI 示意图



说明

为查看方便，在每个具体API的URI部分，只给出resource-path部分，并将请求方法写在一起。这是因为URI-scheme都是HTTPS，而Endpoint在同一个区域也相同，所以简洁起见将这两部分省略。

请求方法

HTTP请求方法（也称为操作或动词），它告诉服务你正在请求什么类型的操作。

| 请求方法 | 说明 |
|--------|---|
| GET | 请求服务器返回指定资源。 |
| PUT | 请求服务器更新指定资源。 |
| POST | 请求服务器新增资源或执行特殊操作。 |
| DELETE | 请求服务器删除指定资源，如删除对象等。 |
| HEAD | 请求服务器资源头部。 |
| PATCH | 请求服务器更新资源的部分内容。 当资源不存在的时候，PATCH可能会去创建一个新的资源。 |

在[获取用户Token](#)的URI部分，您可以看到其请求方法为“POST”，则其请求为：

```
POST https://iam.cn-north-1.myhuaweicloud.com/v3/auth/tokens
```

请求消息头

附加请求头字段，如指定的URI和HTTP方法所要求的字段。例如定义消息体类型的请求头“Content-Type”，请求鉴权信息等。

如下公共消息头需要添加到请求中。

| 名称 | 描述 | 是否必选 | 备注 |
|--------------|------------|------|---|
| Content-Type | 消息体的类型（格式） | 是 | 默认取值为“application/json”，有其他取值时会在具体接口中专门说明。 |
| X-Auth-Token | 用户Token | 否 | 用户Token也就是调用 获取用户Token 接口的响应值，该接口是唯一不需要认证的接口。 |
| X-Project-ID | 子项目ID | 否 | 在多项目场景中使用 |
| X-Domain-ID | 帐号ID | - | - |

📖 说明

公有云API同时支持使用AK/SK认证，AK/SK认证是使用SDK对请求进行签名，签名过程会自动往请求中添加Authorization（签名认证信息）和X-Sdk-Date（请求发送的时间）请求头。

AK/SK认证的详细说明请参加[AK/SK认证](#)。

对于[获取用户Token](#)接口，由于不需要认证，所以只添加“Content-Type”即可，添加消息头后的请求如下所示。

```
POST https://iam.cn-north-1.myhuaweicloud.com/v3/auth/tokens
Content-Type: application/json
```

请求消息体

请求消息体通常以结构化格式发出，与请求消息头中Content-type对应，传递除请求消息头之外的内容。若请求消息体中参数支持中文，则中文字符必须为UTF-8编码。

每个接口的请求消息体内容不同，也并不是每个接口都需要有请求消息体（或者说消息体为空），GET、DELETE操作类型的接口就不需要消息体，消息体具体内容需要根据具体接口而定。

对于[获取用户Token](#)接口，您可以从接口的请求部分看到所需的请求参数及参数说明。将消息体加入后的请求如下所示，加粗的斜体字段需要根据实际值填写，其中***username***为用户名，***domainname***为用户所属的帐号名称，***********为用户登录密码，***xxxxxxxxxx***为project的名称，如cn-north-1，您可以从[终端节点](#)中获取。

📖 说明

scope参数定义了Token的作用域，下面示例中获取的Token仅能访问project下的资源。您还可以设置Token作用域为某个帐号下所有资源或帐号的某个project下的资源，详细定义请参见[获取用户Token](#)。

```
POST https://iam.cn-north-1.myhuaweicloud.com/v3/auth/tokens
Content-Type: application/json
{
```

```
"auth": {
  "identity": {
    "methods": [
      "password"
    ],
    "password": {
      "user": {
        "name": "username",
        "password": "*****",
        "domain": {
          "name": "domainname"
        }
      }
    }
  },
  "scope": {
    "project": {
      "name": "xxxxxxx"
    }
  }
}
```

到这里为止这个请求需要的内容就具备齐全了，您可以使用[curl](#)、[Postman](#)或直接编写代码等方式发送请求调用API。对于[获取用户Token](#)接口，返回的响应消息头中“x-subject-token”就是需要获取的用户Token。有了Token之后，您就可以使用Token认证调用其他API。

3.2 认证鉴权

调用接口有如下两种认证方式，您可以选择其中一种进行认证鉴权。

- Token认证：通过Token认证通用请求。
- AK/SK认证：通过AK（Access Key ID）/SK（Secret Access Key）加密调用请求。

Token 认证

📖 说明

Token的有效期为24小时，需要使用一个Token鉴权时，可以先缓存起来，避免频繁调用。

Token在计算机系统中代表令牌（临时）的意思，拥有Token就代表拥有某种权限。Token认证就是在调用API的时候将Token加到请求消息头，从而通过身份认证，获得操作API的权限。

在[构造请求](#)中以调用[获取用户Token](#)接口为例说明了如何调用API。

Token可通过调用[获取用户Token](#)接口获取，调用本服务API需要project级别的Token，即调用[获取用户Token](#)接口时，请求body中auth.scope的取值需要选择project，如下所示。

```
{
  "auth": {
    "identity": {
      "methods": [
        "password"
      ],
      "password": {
        "user": {
          "name": "username",
          "password": "*****",
          "domain": {
```

```
    "name": "domainname"
  }
}
},
"scope": {
  "project": {
    "name": "xxxxxxxx"
  }
}
}
```

获取Token后，再调用其他接口时，您需要在请求消息头中添加“X-Auth-Token”，其值即为Token。例如Token值为“ABCDEFJ...”，则调用接口时将“X-Auth-Token: ABCDEFJ...”加到请求消息头即可，如下所示。

```
GET https://iam.cn-north-1.myhuaweicloud.com/v3/auth/projects
Content-Type: application/json
X-Auth-Token: ABCDEFJ....
```

您还可以通过这个视频教程了解如何使用Token认证：<https://bbs.huaweicloud.com/videos/101333>。

AK/SK 认证

📖 说明

AK/SK签名认证方式仅支持消息体大小12M以内，12M以上的请求请使用Token认证。

AK/SK认证就是使用AK/SK对请求进行签名，在请求时将签名信息添加到消息头，从而通过身份认证。

- AK(Access Key ID)：访问密钥ID。与私有访问密钥关联的唯一标识符；访问密钥ID和私有访问密钥一起使用，对请求进行加密签名。
- SK(Secret Access Key)：与访问密钥ID结合使用的密钥，对请求进行加密签名，可标识发送方，并防止请求被修改。

使用AK/SK认证时，您可以基于签名算法使用AK/SK对请求进行签名，也可以使用专门的签名SDK对请求进行签名。详细的签名方法和SDK使用方法请参见[API签名指南](#)。

须知

签名SDK只提供签名功能，与服务提供的SDK不同，使用时请注意。

3.3 返回结果

状态码

请求发送以后，您会收到响应，包含状态码、响应消息头和消息体。

状态码是一组从1xx到5xx的数字代码，状态码表示了请求响应的状态，完整的状态码列表请参见[状态码](#)。

对于[获取用户Token](#)接口，如果调用后返回状态码为“201”，则表示请求成功。

响应消息头

对应请求消息头，响应同样也有消息头，如“Content-type”。

对于[获取用户Token](#)接口，返回如[图3-2](#)所示的消息头，其中“x-subject-token”就是需要获取的用户Token。有了Token之后，您就可以使用Token认证调用其他API。

图 3-2 获取用户 Token 响应消息头

```

connection → keep-alive

content-type → application/json

date → Tue, 12 Feb 2019 06:52:13 GMT

server → Web Server

strict-transport-security → max-age=31536000; includeSubdomains;

transfer-encoding → chunked

via → proxy A

x-content-type-options → nosniff

x-download-options → noopen

x-frame-options → SAMEORIGIN

x-iam-trace-id → 218d45ab-d674-4995-af3a-2d0255ba41b5

x-subject-token
→ MIIVXQVJKoZIhvcNAQcCoIIYJCCGEoCAQExDTALBglghkgBZQMEAgEwgharBgkqhkiG9w0BBwGggghacBIIWmHsidG9rZW4iOnsiZXhwaXJlc19hdCI6ijwMTktMDItMTNUMC
fj3Kjs6YgKnpVNRbW2eZ5eb78SZ0kqjACgkIQ1wi4JlGzrpd18LGXK5tdfdq4lqHCYb8P4NaY0NYejcAgzJVeFVtLWT1GSO0zxKZmlQHJQ82HBqHdglZO9fuEbL5dMhdavj+33wEI
xHRC9I87o+k9-
j+CMZSEB7bUGd5Uj6eRASXl1jipPEGA270g1FruooL6jqglFkNPQuFSOU8+uSsttVwRtNfsc+qTp22Rkd5MCqFGQ8LcuUx3Ca+9CMBnOintWW7oeRUvhVpxk8pxiX1wTEboX-
RzT6MUbpvGw-oPNFYdECKnoH3Hrozv0vN--n5d6Nbxg==

x-xss-protection → 1; mode=block;
    
```

响应消息体

响应消息体通常以结构化格式返回，与响应消息头中Content-type对应，传递除响应消息头之外的内容。

对于[获取用户Token](#)接口，返回如下消息体。为篇幅起见，这里只展示部分内容。

```

{
  "token": {
    "expires_at": "2019-02-13T06:52:13.855000Z",
    "methods": [
      "password"
    ],
    "catalog": [
      {
        "endpoints": [
          {
            "region_id": "cn-north-1",
            .....
          }
        ]
      }
    ]
  }
}
    
```

当接口调用出错时，会返回错误码及错误信息说明，错误响应的Body体格式如下所示。

```

{
  "error_msg": "The format of message is error",
  "error_code": "AS.0001"
}
    
```

其中，error_code表示错误码，error_msg表示错误描述信息。

4 API

- 发布库文件查询
- 回收站
- 仓库管理
- 仓库关联项目
- 仓库容量
- 搜索
- 用户管理
- 仓库详情
- 审计日志
- 关注
- 文件管理
- 发布库套餐查询
- 发布库文件管理
- 发布库仓库详情

4.1 发布库文件查询

4.1.1 获取项目下文件版本信息列表(待下线)

功能介绍

获取项目下文件版本信息列表(待下线)

调用方法

请参见[如何调用API](#)。

URI

GET /devreposerver/v2/release/{project_id}/files

表 4-1 路径参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|------------|------|--------|---|
| project_id | 是 | String | <p>参数解释: 项目ID, 对应"需求管理 CodeArts Req"项目唯一标识, 私有依赖库首页地址栏url https://{host}/cloudartifact/project/{project_id}/repository 中project_id变量的值。</p> <p>约束限制: 不涉及</p> <p>取值范围: 只能使用小写英文字符及数字, 字符串长度为1-32位</p> <p>默认取值: 不涉及</p> |

表 4-2 Query 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|-----------|------|--------|---|
| file_name | 是 | String | <p>参数解释: 用于模糊搜索的文件名称</p> <p>约束限制: 不涉及</p> <p>取值范围: 只能使用中英文字符, 数字, 下划线(_), 连字符(-)和点(.), 字符串长度为1-200</p> <p>默认取值: 不涉及</p> |

| 参数 | 是否必选 | 参数类型 | 描述 |
|--------|------|---------|--|
| limit | 否 | Integer | 参数解释: 每页显示的条目数量 约束限制: 不涉及 取值范围: 1-100 默认取值: 10 |
| offset | 否 | Integer | 参数解释: 此次分页查询的页码，从第0页开始 约束限制: 不涉及 取值范围: 0-10000000 默认取值: 0 |

请求参数

表 4-3 请求 Header 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|--------------|------|--------|--|
| x-auth-token | 是 | String | 参数解释: 用户token。通过调用IAM服务获取用户Token获取用户Token接口获取（响应消息头中X-Subject-Token的值） 约束限制: 不涉及 取值范围: 字符串长度为1-100000 默认取值: 不涉及 |

响应参数

状态码： 200

表 4-4 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|--------|----------------------|-----------|
| result | result object | 返回的具体结果信息 |

表 4-5 result

| 参数 | 参数类型 | 描述 |
|---------------|--|------------|
| data | Array of ReleaseFileVersionDo objects | 符合条件的结果列表 |
| total_records | Integer | 符合条件的结果总条数 |
| total_pages | Integer | 符合条件的结果总页数 |

表 4-6 ReleaseFileVersionDo

| 参数 | 参数类型 | 描述 |
|--------------|--------|------------|
| version | String | 发布库文件的版本 |
| path | String | 发布库文件的路径 |
| download_url | String | 发布库文件的下载链接 |

状态码： 403

表 4-7 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|------------|--------|------|
| error_code | String | 错误码 |
| error_msg | String | 错误信息 |

状态码： 500

表 4-8 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|------------|--------|------|
| error_code | String | 错误码 |
| error_msg | String | 错误信息 |


```
} catch (ConnectionException e) {
    e.printStackTrace();
} catch (RequestTimeoutException e) {
    e.printStackTrace();
} catch (ServiceResponseException e) {
    e.printStackTrace();
    System.out.println(e.getHttpStatusCode());
    System.out.println(e.getRequestId());
    System.out.println(e.getErrorCode());
    System.out.println(e.getErrorMsg());
}
}
```

Python

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    # variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    # example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.environ["CLOUD_SDK_AK"]
    sk = os.environ["CLOUD_SDK_SK"]

    credentials = BasicCredentials(ak, sk)

    client = CodeArtsArtifactClient.new_builder() \
        .with_credentials(credentials) \
        .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
        .build()

    try:
        request = ShowReleaseProjectFilesRequest()
        request.project_id = "{project_id}"
        response = client.show_release_project_files(request)
        print(response)
    except exceptions.ClientRequestException as e:
        print(e.status_code)
        print(e.request_id)
        print(e.error_code)
        print(e.error_msg)
```

Go

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    // risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    // variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    // example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
```

```

ak := os.Getenv("CLOUD_SDK_AK")
sk := os.Getenv("CLOUD_SDK_SK")

auth := basic.NewCredentialsBuilder().
    WithAk(ak).
    WithSk(sk).
    Build()

client := codeartsartifact.NewCodeArtsArtifactClient(
    codeartsartifact.CodeArtsArtifactClientBuilder().
        WithRegion(region.ValueOf("<YOUR REGION>")).
        WithCredential(auth).
        Build())

request := &model.ShowReleaseProjectFilesRequest{}
request.ProjectId = "{project_id}"
response, err := client.ShowReleaseProjectFiles(request)
if err == nil {
    fmt.Printf("%+v\n", response)
} else {
    fmt.Println(err)
}
}

```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----------------|
| 200 | OK |
| 403 | Forbidden |
| 500 | Internal Error |

错误码

请参见[错误码](#)。

4.1.2 获取项目下文件版本信息列表

功能介绍

获取项目下文件版本信息列表

调用方法

请参见[如何调用API](#)。

URI

GET /v2/{project_id}/release/files

表 4-9 路径参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|------------|------|--------|------|
| project_id | 是 | String | 项目id |

表 4-10 Query 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|-----------|------|---------|---|
| file_name | 是 | String | <p>参数解释: 用于模糊搜索的文件名称</p> <p>约束限制: 不涉及</p> <p>取值范围: 只能使用中英文字符，数字，下划线(_)，连字符(-)和点(.)，字符串长度为1-200</p> <p>默认取值: 不涉及</p> |
| limit | 否 | Integer | <p>参数解释: 每页显示的条目数量</p> <p>约束限制: 不涉及</p> <p>取值范围: 1-100</p> <p>默认取值: 10</p> |
| offset | 否 | Integer | <p>参数解释: 此次分页查询的页码，从第0页开始</p> <p>约束限制: 不涉及</p> <p>取值范围: 0-10000000</p> <p>默认取值: 0</p> |

请求参数

表 4-11 请求 Header 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|--------------|------|--------|---|
| x-auth-token | 是 | String | <p>参数解释: 用户token。通过调用IAM服务获取用户Token获取用户Token接口获取（响应消息头中X-Subject-Token的值）</p> <p>约束限制: 不涉及</p> <p>取值范围: 字符串长度为1-100000</p> <p>默认取值: 不涉及</p> |

响应参数

状态码： 200

表 4-12 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|--------|----------------------|-----------|
| result | result object | 返回的具体结果信息 |

表 4-13 result

| 参数 | 参数类型 | 描述 |
|---------------|--|------------|
| data | Array of ReleaseFileVersionDo objects | 符合条件的结果列表 |
| total_records | Integer | 符合条件的结果总条数 |
| total_pages | Integer | 符合条件的结果总页数 |

表 4-14 ReleaseFileVersionDo

| 参数 | 参数类型 | 描述 |
|---------|--------|----------|
| version | String | 发布库文件的版本 |

SDK 代码示例

SDK代码示例如下。

Java

```
package com.huaweicloud.sdk.test;

import com.huaweicloud.sdk.core.auth.ICredential;
import com.huaweicloud.sdk.core.auth.BasicCredentials;
import com.huaweicloud.sdk.core.exception.ConnectionException;
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;
import com.huaweicloud.sdk.core.exception.ServiceResponseException;
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;
import com.huaweicloud.sdk.codeartsartifact.v2.*;
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;

public class ShowProjectReleaseFilesSolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or
        // environment variables and decrypted during use to ensure security.
        // In this example, AK and SK are stored in environment variables for authentication. Before running
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
        String ak = System.getenv("CLOUD_SDK_AK");
        String sk = System.getenv("CLOUD_SDK_SK");

        ICredential auth = new BasicCredentials()
            .withAk(ak)
            .withSk(sk);

        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
            .withCredential(auth)
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
            .build();
        ShowProjectReleaseFilesRequest request = new ShowProjectReleaseFilesRequest();
        request.withProjectId("{project_id}");
        try {
            ShowProjectReleaseFilesResponse response = client.showProjectReleaseFiles(request);
            System.out.println(response.toString());
        } catch (ConnectionException e) {
            e.printStackTrace();
        } catch (RequestTimeoutException e) {
            e.printStackTrace();
        } catch (ServiceResponseException e) {
            e.printStackTrace();
            System.out.println(e.getHttpStatusCode());
            System.out.println(e.getRequestId());
            System.out.println(e.getErrorCode());
            System.out.println(e.getErrorMsg());
        }
    }
}
```

Python

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
```

risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment variables and decrypted during use to ensure security.

In this example, AK and SK are stored in environment variables for authentication. Before running this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment

```
ak = os.environ["CLOUD_SDK_AK"]
sk = os.environ["CLOUD_SDK_SK"]

credentials = BasicCredentials(ak, sk)

client = CodeArtsArtifactClient.new_builder() \
    .with_credentials(credentials) \
    .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
    .build()

try:
    request = ShowProjectReleaseFilesRequest()
    request.project_id = "{project_id}"
    response = client.show_project_release_files(request)
    print(response)
except exceptions.ClientRequestException as e:
    print(e.status_code)
    print(e.request_id)
    print(e.error_code)
    print(e.error_msg)
```

Go

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    // risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    // variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    // example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
    sk := os.Getenv("CLOUD_SDK_SK")

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
        WithSk(sk).
        Build()

    client := codeartsartifact.NewCodeArtsArtifactClient(
        codeartsartifact.CodeArtsArtifactClientBuilder().
            WithRegion(region.ValueOf("<YOUR REGION>")).
            WithCredential(auth).
            Build())

    request := &model.ShowProjectReleaseFilesRequest{}
    request.ProjectId = "{project_id}"
    response, err := client.ShowProjectReleaseFiles(request)
    if err == nil {
        fmt.Printf("%v\n", response)
    } else {
        fmt.Println(err)
    }
}
```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----------------|
| 200 | OK |
| 403 | Forbidden |
| 500 | Internal Error |

错误码

请参见[错误码](#)。

4.2 回收站

4.2.1 批量还原回收站

功能介绍

批量还原回收站

调用方法

请参见[如何调用API](#)。

URI

PUT /cloudartifact/v5/trashes

请求参数

表 4-17 请求 Body 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|--------|------|--|----|
| [数组元素] | 是 | Array of IDETrashArtifactModel objects | 参数 |

表 4-18 IDETrashArtifactModel

| 参数 | 是否必选 | 参数类型 | 描述 |
|--------|------|--------|----------|
| id | 否 | String | 仓库id |
| format | 否 | String | 类型 |
| status | 否 | String | 当前仓库状态 |
| uri | 否 | String | 待还原的文件路径 |

响应参数

状态码： 200

表 4-19 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

批量还原回收站

```
/v5/trashes  
  
[ {  
  "id" : "cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_4",  
  "format" : "go",  
  "uri" : "cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_4/",  
  "status" : "active"  
}, {  
  "id" : "cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_2_23",  
  "format" : "maven2",  
  "uri" : "cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_2_23/",  
  "status" : "active"  
}]
```

响应示例

状态码： 200

OK

```
{  
  "status" : "success",  
  "trace_id" : "143002-1701173929284-59",  
  "result" : null  
}
```

SDK 代码示例

SDK代码示例如下。

Java

批量还原回收站

```
package com.huaweicloud.sdk.test;

import com.huaweicloud.sdk.core.auth.ICredential;
import com.huaweicloud.sdk.core.auth.BasicCredentials;
import com.huaweicloud.sdk.core.exception.ConnectionException;
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;
import com.huaweicloud.sdk.core.exception.ServiceResponseException;
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;
import com.huaweicloud.sdk.codeartsartifact.v2.*;
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;

import java.util.List;
import java.util.ArrayList;

public class BatchRestoreRepoSolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or
        // environment variables and decrypted during use to ensure security.
        // In this example, AK and SK are stored in environment variables for authentication. Before running
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
        String ak = System.getenv("CLOUD_SDK_AK");
        String sk = System.getenv("CLOUD_SDK_SK");

        ICredential auth = new BasicCredentials()
            .withAk(ak)
            .withSk(sk);

        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
            .withCredential(auth)
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
            .build();
        BatchRestoreRepoRequest request = new BatchRestoreRepoRequest();
        List<IDETrashArtifactModel> listbodyBody = new ArrayList<>();
        listbodyBody.add(
            new IDETrashArtifactModel()
                .withId("cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_4")
                .withFormat("go")
                .withStatus("active")
                .withUri("cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_4/")
        );
        listbodyBody.add(
            new IDETrashArtifactModel()
                .withId("cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_2_23")
                .withFormat("maven2")
                .withStatus("active")
                .withUri("cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_2_23/")
        );
        request.withBody(listbodyBody);
        try {
            BatchRestoreRepoResponse response = client.batchRestoreRepo(request);
            System.out.println(response.toString());
        } catch (ConnectionException e) {
            e.printStackTrace();
        } catch (RequestTimeoutException e) {
            e.printStackTrace();
        } catch (ServiceResponseException e) {
            e.printStackTrace();
            System.out.println(e.getHttpStatusCode());
        }
    }
}
```

```
        System.out.println(e.getRequestId());
        System.out.println(e.getErrorCode());
        System.out.println(e.getErrorMsg());
    }
}
}
```

Python

批量还原回收站

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    # variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    # example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.environ["CLOUD_SDK_AK"]
    sk = os.environ["CLOUD_SDK_SK"]

    credentials = BasicCredentials(ak, sk)

    client = CodeArtsArtifactClient.new_builder() \
        .with_credentials(credentials) \
        .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
        .build()

    try:
        request = BatchRestoreRepoRequest()
        listBodybody = [
            IDETrashArtifactModel(
                id="cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_4",
                format="go",
                status="active",
                uri="cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_4/"
            ),
            IDETrashArtifactModel(
                id="cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_2_23",
                format="maven2",
                status="active",
                uri="cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_2_23/"
            )
        ]
        request.body = listBodybody
        response = client.batch_restore_repo(request)
        print(response)
    except exceptions.ClientRequestException as e:
        print(e.status_code)
        print(e.request_id)
        print(e.error_code)
        print(e.error_msg)
```

Go

批量还原回收站

```
package main

import (
    "fmt"
```

```
"github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
"github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
    sk := os.Getenv("CLOUD_SDK_SK")

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
        WithSk(sk).
        Build()

    client := codeartsartifact.NewCodeArtsArtifactClient(
        codeartsartifact.CodeArtsArtifactClientBuilder().
            WithRegion(region.ValueOf("<YOUR REGION>")).
            WithCredential(auth).
            Build())

    request := &model.BatchRestoreRepoRequest{}
    idBody:= "cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_4"
    formatBody:= "go"
    statusBody:= "active"
    uriBody:= "cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_4/"
    idBody1:= "cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_2_23"
    formatBody1:= "maven2"
    statusBody1:= "active"
    uriBody1:= "cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_2_23/"
    var listBodybody = []model.IdeTrashArtifactModel{
        {
            Id: &idBody,
            Format: &formatBody,
            Status: &statusBody,
            Uri: &uriBody,
        },
        {
            Id: &idBody1,
            Format: &formatBody1,
            Status: &statusBody1,
            Uri: &uriBody1,
        },
    }
    request.Body = &listBodybody
    response, err := client.BatchRestoreRepo(request)
    if err == nil {
        fmt.Printf("%v\n", response)
    } else {
        fmt.Println(err)
    }
}
```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.2.2 批量删除回收站

功能介绍

批量删除回收站

调用方法

请参见[如何调用API](#)。

URI

DELETE /cloudartifact/v5/trashes

请求参数

表 4-20 请求 Body 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|--------|------|--|--------|
| [数组元素] | 是 | Array of TrashArtifactModelForDelete objects | 批量删除列表 |

表 4-21 TrashArtifactModelForDelete

| 参数 | 是否必选 | 参数类型 | 描述 |
|-----------------|------|--------|-------|
| id | 是 | String | 仓库id |
| fomat | 是 | String | 仓库类型 |
| uri | 是 | String | URI |
| status | 是 | String | 状态 |
| include_pattern | 否 | String | 路径白名单 |

响应参数

状态码： 200

表 4-22 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

批量删除回收站

`https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/trashes`

```
[ {
  "id": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_debian_43",
  "format": "debian",
  "uri": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_debian_43/",
  "status": "active"
}, {
  "id": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_4",
  "format": "go",
  "uri": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_4/",
  "status": "active"
} ]
```

响应示例

状态码： 200

OK

```
{
  "status": "success",
  "trace_id": "143002-1701173929284-59",
  "result": "success"
}
```

SDK 代码示例

SDK代码示例如下。

Java

批量删除回收站

```
package com.huaweicloud.sdk.test;

import com.huaweicloud.sdk.core.auth.ICredential;
import com.huaweicloud.sdk.core.auth.BasicCredentials;
import com.huaweicloud.sdk.core.exception.ConnectionException;
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;
import com.huaweicloud.sdk.core.exception.ServiceResponseException;
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;
```

```
import com.huaweicloud.sdk.codeartsartifact.v2.*;
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;

import java.util.List;
import java.util.ArrayList;

public class BatchDeleteTrashesSolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or
        // environment variables and decrypted during use to ensure security.
        // In this example, AK and SK are stored in environment variables for authentication. Before running
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
        String ak = System.getenv("CLOUD_SDK_AK");
        String sk = System.getenv("CLOUD_SDK_SK");

        ICredential auth = new BasicCredentials()
            .withAk(ak)
            .withSk(sk);

        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
            .withCredential(auth)
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
            .build();
        BatchDeleteTrashesRequest request = new BatchDeleteTrashesRequest();
        List<TrashArtifactModelForDelete> listbodyBody = new ArrayList<>();
        listbodyBody.add(
            new TrashArtifactModelForDelete()
                .withId("cn-north-7_5a775fdb14f4431b6c0015618140bc3_debian_43")
                .withUri("cn-north-7_5a775fdb14f4431b6c0015618140bc3_debian_43/")
                .withStatus("active")
        );
        listbodyBody.add(
            new TrashArtifactModelForDelete()
                .withId("cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_4")
                .withUri("cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_4/")
                .withStatus("active")
        );
        request.withBody(listbodyBody);
        try {
            BatchDeleteTrashesResponse response = client.batchDeleteTrashes(request);
            System.out.println(response.toString());
        } catch (ConnectionException e) {
            e.printStackTrace();
        } catch (RequestTimeoutException e) {
            e.printStackTrace();
        } catch (ServiceResponseException e) {
            e.printStackTrace();
            System.out.println(e.getHttpStatusCode());
            System.out.println(e.getRequestId());
            System.out.println(e.getErrorCode());
            System.out.println(e.getErrorMsg());
        }
    }
}
```

Python

批量删除回收站

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *
```

```
if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.environ["CLOUD_SDK_AK"]
    sk = os.environ["CLOUD_SDK_SK"]

    credentials = BasicCredentials(ak, sk)

    client = CodeArtsArtifactClient.new_builder() \
        .with_credentials(credentials) \
        .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
        .build()

    try:
        request = BatchDeleteTrashesRequest()
        listBodybody = [
            TrashArtifactModelForDelete(
                id="cn-north-7_5a775fdb14f4431b6c0015618140bc3_debian_43",
                uri="cn-north-7_5a775fdb14f4431b6c0015618140bc3_debian_43/",
                status="active"
            ),
            TrashArtifactModelForDelete(
                id="cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_4",
                uri="cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_4/",
                status="active"
            )
        ]
        request.body = listBodybody
        response = client.batch_delete_trashes(request)
        print(response)
    except exceptions.ClientRequestException as e:
        print(e.status_code)
        print(e.request_id)
        print(e.error_code)
        print(e.error_msg)
```

Go

批量删除回收站

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
    sk := os.Getenv("CLOUD_SDK_SK")

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
        WithSk(sk).
        Build()

    client := codeartsartifact.NewCodeArtsArtifactClient(
        codeartsartifact.CodeArtsArtifactClientBuilder().
```

```
WithRegion(region.ValueOf("<YOUR REGION>")).
WithCredential(auth).
Build()

request := &model.BatchDeleteTrashesRequest{}
var listBodybody = []model.TrashArtifactModelForDelete{
    {
        Id: "cn-north-7_5a775fdb14f4431b6c0015618140bc3_debian_43",
        Uri: "cn-north-7_5a775fdb14f4431b6c0015618140bc3_debian_43/",
        Status: "active",
    },
    {
        Id: "cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_4",
        Uri: "cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_4/",
        Status: "active",
    },
}
request.Body = &listBodybody
response, err := client.BatchDeleteTrashes(request)
if err == nil {
    fmt.Printf("%+v\n", response)
} else {
    fmt.Println(err)
}
}
```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.3 仓库管理

4.3.1 创建 maven 仓库

功能介绍

创建maven仓库

调用方法

请参见[如何调用API](#)。

URI

POST /cloudartifact/v5/maven/repositories

请求参数

表 4-23 请求 Body 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|------------------|------|--------|--------------|
| repository_name | 否 | String | 仓库名称 |
| format | 否 | String | 仓库类型 |
| description | 否 | String | 仓库描述 |
| release | 否 | String | release仓库名称 |
| snapshot | 否 | String | snapshot仓库名称 |
| includes_pattern | 否 | String | 路径 |
| share_right | 否 | String | 共享权限级别 |
| project_id | 否 | String | 项目ID |
| type | 否 | String | 仓库类别，本地仓或聚合仓 |

响应参数

状态码： 200

表 4-24 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

创建maven仓库

https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/maven/repositories

```
{
  "repository_name": "testmaven",
  "format": "maven2",
  "description": "",
  "release": "testmaven",
```

```
"snapshot" : "testmaven",
"includes_pattern" : "**/*",
"share_right" : "PROJECT",
"project_id" : "e2ee90487d6349dd944a5767225f6f55",
"type" : "hosted"
}
```

响应示例

状态码: 200

OK

```
{
  "status" : "success",
  "trace_id" : "143002-1701175135227-77",
  "result" : {
    "release" : "cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_1_201",
    "snapshot" : "cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_2_201"
  }
}
```

SDK 代码示例

SDK代码示例如下。

Java

创建maven仓库

```
package com.huaweicloud.sdk.test;

import com.huaweicloud.sdk.core.auth.ICredential;
import com.huaweicloud.sdk.core.auth.BasicCredentials;
import com.huaweicloud.sdk.core.exception.ConnectionException;
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;
import com.huaweicloud.sdk.core.exception.ServiceResponseException;
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;
import com.huaweicloud.sdk.codeartsartifact.v2.*;
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;

public class CreateMavenRepoSolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or
        // environment variables and decrypted during use to ensure security.
        // In this example, AK and SK are stored in environment variables for authentication. Before running
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
        String ak = System.getenv("CLOUD_SDK_AK");
        String sk = System.getenv("CLOUD_SDK_SK");

        ICredential auth = new BasicCredentials()
            .withAk(ak)
            .withSk(sk);

        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
            .withCredential(auth)
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
            .build();
        CreateMavenRepoRequest request = new CreateMavenRepoRequest();
        IDERepositoryDO body = new IDERepositoryDO();
        body.withType("hosted");
        body.withProjectId("e2ee90487d6349dd944a5767225f6f55");
        body.withShareRight("PROJECT");
    }
}
```

```
body.withIncludesPattern("**/*");
body.withSnapshot("testmaven");
body.withRelease("testmaven");
body.withDescription("");
body.withFormat("maven2");
body.withRepositoryName("testmaven");
request.withBody(body);
try {
    CreateMavenRepoResponse response = client.createMavenRepo(request);
    System.out.println(response.toString());
} catch (ConnectionException e) {
    e.printStackTrace();
} catch (RequestTimeoutException e) {
    e.printStackTrace();
} catch (ServiceResponseException e) {
    e.printStackTrace();
    System.out.println(e.getStatusCode());
    System.out.println(e.getRequestId());
    System.out.println(e.getErrorCode());
    System.out.println(e.getErrorMsg());
}
}
```

Python

创建maven仓库

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    # variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    # example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.environ["CLOUD_SDK_AK"]
    sk = os.environ["CLOUD_SDK_SK"]

    credentials = BasicCredentials(ak, sk)

    client = CodeArtsArtifactClient.new_builder() \
        .with_credentials(credentials) \
        .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
        .build()

    try:
        request = CreateMavenRepoRequest()
        request.body = IDERepositoryDO(
            type="hosted",
            project_id="e2ee90487d6349dd944a5767225f6f55",
            share_right="PROJECT",
            includes_pattern="**/*",
            snapshot="testmaven",
            release="testmaven",
            description="",
            format="maven2",
            repository_name="testmaven"
        )
        response = client.create_maven_repo(request)
        print(response)
    except exceptions.ClientRequestException as e:
        print(e.status_code)
```

```
print(e.request_id)
print(e.error_code)
print(e.error_msg)
```

Go

创建maven仓库

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    // risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    // variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    // example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
    sk := os.Getenv("CLOUD_SDK_SK")

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
        WithSk(sk).
        Build()

    client := codeartsartifact.NewCodeArtsArtifactClient(
        codeartsartifact.CodeArtsArtifactClientBuilder().
            WithRegion(region.ValueOf("<YOUR REGION>")).
            WithCredential(auth).
            Build())

    request := &model.CreateMavenRepoRequest{
        typeIdeRepositoryDo: "hosted"
        projectIdIdeRepositoryDo: "e2ee90487d6349dd944a5767225f6f55"
        shareRightIdeRepositoryDo: "PROJECT"
        includesPatternIdeRepositoryDo: "**/*"
        snapshotIdeRepositoryDo: "testmaven"
        releaseIdeRepositoryDo: "testmaven"
        descriptionIdeRepositoryDo: ""
        formatIdeRepositoryDo: "maven2"
        repositoryNameIdeRepositoryDo: "testmaven"
        request.Body = &model.IdeRepositoryDo{
            Type: &typeIdeRepositoryDo,
            ProjectId: &projectIdIdeRepositoryDo,
            ShareRight: &shareRightIdeRepositoryDo,
            IncludesPattern: &includesPatternIdeRepositoryDo,
            Snapshot: &snapshotIdeRepositoryDo,
            Release: &releaseIdeRepositoryDo,
            Description: &descriptionIdeRepositoryDo,
            Format: &formatIdeRepositoryDo,
            RepositoryName: &repositoryNameIdeRepositoryDo,
        }
    }
    response, err := client.CreateMavenRepo(request)
    if err == nil {
        fmt.Printf("%+v\n", response)
    } else {
        fmt.Println(err)
    }
}
```


更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.3.2 编辑仓库

功能介绍

编辑仓库

调用方法

请参见[如何调用API](#)。

URI

PUT /cloudartifact/v5/repositories/tab/{tab_id}

表 4-25 路径参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|--------|------|--------|--------|
| tab_id | 是 | String | tab_id |

请求参数

表 4-26 请求 Body 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|------------------|------|--------|------|
| repo_name | 否 | String | 仓库名称 |
| includes_pattern | 否 | String | 路径 |
| project_id | 否 | String | 项目id |
| description | 否 | String | 描述 |

| 参数 | 是否必选 | 参数类型 | 描述 |
|----------|------|--------|--------------|
| snapshot | 否 | String | snapshot仓库名称 |
| release | 否 | String | release仓库名称 |

响应参数

状态码： 200

表 4-27 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

编辑maven仓库

```
https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/repositories/tab/{tab_id}
{
  "repo_name": "testmaven",
  "description": "12",
  "includes_pattern": "**/*",
  "release": "testmaven",
  "snapshot": "testmaven"
}
```

响应示例

状态码： 200

OK

```
{
  "status": "success",
  "trace_id": "143002-1701175397265-80",
  "result": {
    "release": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_1_201",
    "snapshot": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_2_201"
  }
}
```

SDK 代码示例

SDK代码示例如下。

Java

编辑maven仓库

```
package com.huaweicloud.sdk.test;

import com.huaweicloud.sdk.core.auth.ICredential;
import com.huaweicloud.sdk.core.auth.BasicCredentials;
import com.huaweicloud.sdk.core.exception.ConnectionException;
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;
import com.huaweicloud.sdk.core.exception.ServiceResponseException;
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;
import com.huaweicloud.sdk.codeartsartifact.v2.*;
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;

public class ModifyRepositorySolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or
        // environment variables and decrypted during use to ensure security.
        // In this example, AK and SK are stored in environment variables for authentication. Before running
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
        String ak = System.getenv("CLOUD_SDK_AK");
        String sk = System.getenv("CLOUD_SDK_SK");

        ICredential auth = new BasicCredentials()
            .withAk(ak)
            .withSk(sk);

        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
            .withCredential(auth)
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
            .build();
        ModifyRepositoryRequest request = new ModifyRepositoryRequest();
        request.withTabId("{tab_id}");
        IDERepositoryPair body = new IDERepositoryPair();
        body.withRelease("testmaven");
        body.withSnapshot("testmaven");
        body.withDescription("12");
        body.withIncludesPattern("**/*");
        body.withRepoName("testmaven");
        request.withBody(body);
        try {
            ModifyRepositoryResponse response = client.modifyRepository(request);
            System.out.println(response.toString());
        } catch (ConnectionException e) {
            e.printStackTrace();
        } catch (RequestTimeoutException e) {
            e.printStackTrace();
        } catch (ServiceResponseException e) {
            e.printStackTrace();
            System.out.println(e.getHttpStatusCode());
            System.out.println(e.getRequestId());
            System.out.println(e.getErrorCode());
            System.out.println(e.getErrorMsg());
        }
    }
}
```

Python

编辑maven仓库

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *
```

```
if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    # variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    # example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.environ["CLOUD_SDK_AK"]
    sk = os.environ["CLOUD_SDK_SK"]

    credentials = BasicCredentials(ak, sk)

    client = CodeArtsArtifactClient.new_builder() \
        .with_credentials(credentials) \
        .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
        .build()

    try:
        request = ModifyRepositoryRequest()
        request.tab_id = "{tab_id}"
        request.body = IDERepositoryPair(
            release="testmaven",
            snapshot="testmaven",
            description="12",
            includes_pattern="**/*",
            repo_name="testmaven"
        )
        response = client.modify_repository(request)
        print(response)
    except exceptions.ClientRequestException as e:
        print(e.status_code)
        print(e.request_id)
        print(e.error_code)
        print(e.error_msg)
```

Go

编辑maven仓库

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    // risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    // variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    // example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
    sk := os.Getenv("CLOUD_SDK_SK")

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
        WithSk(sk).
        Build()

    client := codeartsartifact.NewCodeArtsArtifactClient(
        codeartsartifact.CodeArtsArtifactClientBuilder().
            WithRegion(region.ValueOf("<YOUR REGION>")).
            WithCredential(auth).
            Build())

    request := &model.ModifyRepositoryRequest{}
```

```

request.TabId = "{tab_id}"
releaseIdRepositoryPair:= "testmaven"
snapshotIdRepositoryPair:= "testmaven"
descriptionIdRepositoryPair:= "12"
includesPatternIdRepositoryPair:= "**/*"
repoNameIdRepositoryPair:= "testmaven"
request.Body = &model.IdRepositoryPair{
    Release: &releaseIdRepositoryPair,
    Snapshot: &snapshotIdRepositoryPair,
    Description: &descriptionIdRepositoryPair,
    IncludesPattern: &includesPatternIdRepositoryPair,
    RepoName: &repoNameIdRepositoryPair,
}
response, err := client.ModifyRepository(request)
if err == nil {
    fmt.Printf("%+v\n", response)
} else {
    fmt.Println(err)
}
}

```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.3.3 查看仓库信息

功能介绍

查看仓库信息

调用方法

请参见[如何调用API](#)。

URI

GET /cloudartifact/v5/repositories/{repo_id}

表 4-28 路径参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|---------|------|--------|---|
| repo_id | 是 | String | <p>参数解释: 仓库id, 格式为{region}{domainId}{format}_{sequence}。可以从私有依赖库首页->仓库概览->仓库地址 url 中获取, 最后两个"/"中间的字符串即为仓库id</p> <p>约束限制: 不涉及</p> <p>取值范围: 根据仓库id格式中region, domainId需要为有效值, format有效值为:npm go pypi rpm composer maven debian conan nuget docker2 cocoapods ohpm, sequence取值根据套餐不同有不同上限值</p> <p>默认取值: 不涉及</p> |

请求参数

无

响应参数

状态码: 200

表 4-29 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|--------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果, 接口不同, 返回不同 |

请求示例

查看仓库信息

https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/repositories/cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_1_201

响应示例

状态码: 200

OK

```
{
  "status": "success",
  "trace_id": "143002-1701175561381-82",
  "result": {
    "status": null,
    "domainId": null,
    "region": null,
    "createdTime": null,
    "modifiedTime": null,
    "createdUserId": null,
    "createdUserName": null,
    "modifiedUserId": null,
    "modifiedUserName": null,
    "name": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_1_201",
    "disable": false,
    "format": "maven2",
    "type": "hosted",
    "policy": null,
    "tabId": "5a775fdb14f4431b6c0015618140bc3_tab_maven2_201",
    "repositoryName": "testmaven",
    "displayName": null,
    "description": "12",
    "snapshot": "testmaven",
    "release": "testmaven",
    "npm": null,
    "snapshotStatus": "active",
    "releaseStatus": "active",
    "projectId": "e2ee90487d6349dd944a5767225f6f55",
    "includesPattern": "**/*",
    "repositoryIds": null,
    "uri": null,
    "deploymentPolicy": "allowRedeploy",
    "repositories": null,
    "parentRepoName": null,
    "userName": null,
    "password": null,
    "remoteUrl": null,
    "defaultDeployRepository": null,
    "remoteType": null,
    "proxy": null,
    "allowAnonymous": false,
    "autoCleanSnapshot": null,
    "snapshotAliveDays": null,
    "maxUniqueSnapshots": "10",
    "shareRight": "PROJECT",
    "nexuRepo": false,
    "url": "https://devrepo.devcloud.cn-north-7.ulanhqab.huawei.com/artgalaxy/cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_1_201/",
    "packageType": "maven"
  }
}
```

SDK 代码示例

SDK代码示例如下。

Java

```
package com.huaweicloud.sdk.test;

import com.huaweicloud.sdk.core.auth.ICredential;
```

```
import com.huaweicloud.sdk.core.auth.BasicCredentials;
import com.huaweicloud.sdk.core.exception.ConnectionException;
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;
import com.huaweicloud.sdk.core.exception.ServiceResponseException;
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;
import com.huaweicloud.sdk.codeartsartifact.v2.*;
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;

public class ShowRepositoryInfoSolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or
        // environment variables and decrypted during use to ensure security.
        // In this example, AK and SK are stored in environment variables for authentication. Before running
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
        String ak = System.getenv("CLOUD_SDK_AK");
        String sk = System.getenv("CLOUD_SDK_SK");

        ICredential auth = new BasicCredentials()
            .withAk(ak)
            .withSk(sk);

        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
            .withCredential(auth)
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
            .build();
        ShowRepositoryInfoRequest request = new ShowRepositoryInfoRequest();
        request.withRepod("{repo_id}");
        try {
            ShowRepositoryInfoResponse response = client.showRepositoryInfo(request);
            System.out.println(response.toString());
        } catch (ConnectionException e) {
            e.printStackTrace();
        } catch (RequestTimeoutException e) {
            e.printStackTrace();
        } catch (ServiceResponseException e) {
            e.printStackTrace();
            System.out.println(e.getHttpStatusCode());
            System.out.println(e.getRequestId());
            System.out.println(e.getErrorCode());
            System.out.println(e.getErrorMsg());
        }
    }
}
```

Python

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    # variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    # example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.getenv("CLOUD_SDK_AK")
    sk = os.getenv("CLOUD_SDK_SK")

    credentials = BasicCredentials(ak, sk)

    client = CodeArtsArtifactClient.new_builder() \
```



```
.with_credentials(credentials) \
.with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
.build()

try:
    request = ShowRepositoryInfoRequest()
    request.repo_id = "{repo_id}"
    response = client.show_repository_info(request)
    print(response)
except exceptions.ClientRequestException as e:
    print(e.status_code)
    print(e.request_id)
    print(e.error_code)
    print(e.error_msg)
```

Go

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    // risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    // variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    // example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
    sk := os.Getenv("CLOUD_SDK_SK")

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
        WithSk(sk).
        Build()

    client := codeartsartifact.NewCodeArtsArtifactClient(
        codeartsartifact.CodeArtsArtifactClientBuilder().
            WithRegion(region.ValueOf("<YOUR REGION>")).
            WithCredential(auth).
            Build())

    request := &model.ShowRepositoryInfoRequest{}
    request.RepoId = "{repo_id}"
    response, err := client.ShowRepositoryInfo(request)
    if err == nil {
        fmt.Printf("%v\n", response)
    } else {
        fmt.Println(err)
    }
}
```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.3.4 创建 docker 仓库

功能介绍

创建docker仓库

调用方法

请参见[如何调用API](#)。

URI

POST /cloudartifact/v5/repositories

请求参数

表 4-30 请求 Body 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|--------------|------|--------|--------|
| format | 是 | String | 仓库格式 |
| display_name | 是 | String | 仓库展示名称 |
| description | 否 | String | 仓库描述 |
| type | 是 | String | 仓库类型 |

响应参数

状态码： 200

表 4-31 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------|
| status | String | 结果状态 |
| trace_id | String | 请求id |

| 参数 | 参数类型 | 描述 |
|--------|--------|------------------|
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

创建Docker仓库请求示例

```
/v5/repositories
{
  "format": "docker",
  "display_name": "string",
  "description": "string",
  "type": "Hosted"
}
```

响应示例

状态码： 200

OK

```
{
  "status": "success",
  "trace_id": "143002-1701175561381-82",
  "result": null
}
```

SDK 代码示例

SDK代码示例如下。

Java

创建Docker仓库请求示例

```
package com.huaweicloud.sdk.test;

import com.huaweicloud.sdk.core.auth.ICredential;
import com.huaweicloud.sdk.core.auth.BasicCredentials;
import com.huaweicloud.sdk.core.exception.ConnectionException;
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;
import com.huaweicloud.sdk.core.exception.ServiceResponseException;
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;
import com.huaweicloud.sdk.codeartsartifact.v2.*;
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;

public class CreateDockerRepositoriesSolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or
        // environment variables and decrypted during use to ensure security.
        // In this example, AK and SK are stored in environment variables for authentication. Before running
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
        String ak = System.getenv("CLOUD_SDK_AK");
        String sk = System.getenv("CLOUD_SDK_SK");

        ICredential auth = new BasicCredentials()
```

```
        .withAk(ak)
        .withSk(sk);

CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
    .withCredential(auth)
    .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
    .build();
CreateDockerRepositoriesRequest request = new CreateDockerRepositoriesRequest();
CreateDockerRepositoryDO body = new CreateDockerRepositoryDO();
body.withType("Hosted");
body.withDescription("string");
body.withDisplayName("string");
body.withFormat("docker");
request.withBody(body);
try {
    CreateDockerRepositoriesResponse response = client.createDockerRepositories(request);
    System.out.println(response.toString());
} catch (ConnectionException e) {
    e.printStackTrace();
} catch (RequestTimeoutException e) {
    e.printStackTrace();
} catch (ServiceResponseException e) {
    e.printStackTrace();
    System.out.println(e.getHttpStatusCode());
    System.out.println(e.getRequestId());
    System.out.println(e.getErrorCode());
    System.out.println(e.getErrorMsg());
}
}
```

Python

创建Docker仓库请求示例

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    # variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    # example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.environ["CLOUD_SDK_AK"]
    sk = os.environ["CLOUD_SDK_SK"]

    credentials = BasicCredentials(ak, sk)

    client = CodeArtsArtifactClient.new_builder() \
        .with_credentials(credentials) \
        .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
        .build()

    try:
        request = CreateDockerRepositoriesRequest()
        request.body = CreateDockerRepositoryDO(
            type="Hosted",
            description="string",
            display_name="string",
            format="docker"
        )
        response = client.create_docker_repositories(request)
        print(response)
```

```
except exceptions.ClientRequestException as e:
    print(e.status_code)
    print(e.request_id)
    print(e.error_code)
    print(e.error_msg)
```

Go

创建 Docker 仓库请求示例

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    // risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    // variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    // example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
    sk := os.Getenv("CLOUD_SDK_SK")

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
        WithSk(sk).
        Build()

    client := codeartsartifact.NewCodeArtsArtifactClient(
        codeartsartifact.CodeArtsArtifactClientBuilder().
            WithRegion(region.ValueOf("<YOUR REGION>")).
            WithCredential(auth).
            Build())

    request := &model.CreateDockerRepositoriesRequest{}
    descriptionCreateDockerRepositoryDo := "string"
    request.Body = &model.CreateDockerRepositoryDo{
        Type: "Hosted",
        Description: &descriptionCreateDockerRepositoryDo,
        DisplayName: "string",
        Format: "docker",
    }
    response, err := client.CreateDockerRepositories(request)
    if err == nil {
        fmt.Printf("%v\n", response)
    } else {
        fmt.Println(err)
    }
}
```

更多

更多编程语言的 SDK 代码示例，请参见 [API Explorer](#) 的代码示例页签，可生成自动对应的 SDK 代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.3.5 删除仓库到回收站

功能介绍

删除仓库到回收站

调用方法

请参见[如何调用API](#)。

URI

DELETE /cloudartifact/v5/repositories

请求参数

表 4-32 请求 Body 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|----------------|------|--------|--------|
| repository_ids | 否 | String | 仓库id集合 |
| format | 否 | String | 类型 |

响应参数

状态码： 200

表 4-33 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

删除仓库

```
https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/repositories

{
  "format" : "maven2",
  "repository_ids" : [ "cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_2_201" ]
}
```

响应示例

状态码： 200

OK

```
{
  "status" : "success",
  "trace_id" : "143002-1701175914578-88",
  "result" : null
}
```

SDK 代码示例

SDK代码示例如下。

Java

删除仓库

```
package com.huaweicloud.sdk.test;

import com.huaweicloud.sdk.core.auth.ICredential;
import com.huaweicloud.sdk.core.auth.BasicCredentials;
import com.huaweicloud.sdk.core.exception.ConnectionException;
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;
import com.huaweicloud.sdk.core.exception.ServiceResponseException;
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;
import com.huaweicloud.sdk.codeartsartifact.v2.*;
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;

public class DeleteRepositorySolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or
        // environment variables and decrypted during use to ensure security.
        // In this example, AK and SK are stored in environment variables for authentication. Before running
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
        String ak = System.getenv("CLOUD_SDK_AK");
        String sk = System.getenv("CLOUD_SDK_SK");

        ICredential auth = new BasicCredentials()
            .withAk(ak)
            .withSk(sk);

        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
            .withCredential(auth)
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
            .build();
        DeleteRepositoryRequest request = new DeleteRepositoryRequest();
        IDERepoRevisionModel body = new IDERepoRevisionModel();
        body.withFormat("maven2");
        body.withRepositoryIds("[cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_2_201]");
    }
}
```

```
request.withBody(body);
try {
    DeleteRepositoryResponse response = client.deleteRepository(request);
    System.out.println(response.toString());
} catch (ConnectionException e) {
    e.printStackTrace();
} catch (RequestTimeoutException e) {
    e.printStackTrace();
} catch (ServiceResponseException e) {
    e.printStackTrace();
    System.out.println(e.getHttpStatusCode());
    System.out.println(e.getRequestId());
    System.out.println(e.getErrorCode());
    System.out.println(e.getErrorMsg());
}
}
```

Python

删除仓库

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    # variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    # example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.environ["CLOUD_SDK_AK"]
    sk = os.environ["CLOUD_SDK_SK"]

    credentials = BasicCredentials(ak, sk)

    client = CodeArtsArtifactClient.new_builder() \
        .with_credentials(credentials) \
        .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
        .build()

    try:
        request = DeleteRepositoryRequest()
        request.body = IDERepoRevisionModel(
            format="maven2",
            repository_ids="[cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_2_201]"
        )
        response = client.delete_repository(request)
        print(response)
    except exceptions.ClientRequestException as e:
        print(e.status_code)
        print(e.request_id)
        print(e.error_code)
        print(e.error_msg)
```

Go

删除仓库

```
package main

import (
    "fmt"
```



```

"github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
"github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
    sk := os.Getenv("CLOUD_SDK_SK")

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
        WithSk(sk).
        Build()

    client := codeartsartifact.NewCodeArtsArtifactClient(
        codeartsartifact.CodeArtsArtifactClientBuilder().
            WithRegion(region.ValueOf("<YOUR REGION>")).
            WithCredential(auth).
            Build())

    request := &model.DeleteRepositoryRequest{
        formatIdeRepoRevisionModel:= "maven2"
        repositoryIdsideRepoRevisionModel:= "[cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_2_201]"
        request.Body = &model.IdeRepoRevisionModel{
            Format: &formatIdeRepoRevisionModel,
            RepositoryIds: &repositoryIdsideRepoRevisionModel,
        }
    }
    response, err := client.DeleteRepository(request)
    if err == nil {
        fmt.Printf("%+v\n", response)
    } else {
        fmt.Println(err)
    }
}

```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.3.6 查询租户 Maven 仓库列表和账号密码

功能介绍

查询租户Maven仓库列表和账号密码，支持跨租户

调用方法

请参见[如何调用API](#)。

URI

GET /cloudartifact/v5/maven/info

表 4-34 Query 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|------------|------|--------|--|
| project_id | 否 | String | <p>参数解释: 项目id, 对应"需求管理 CodeArts Req"项目唯一标识, 私有依赖库首页地址栏url https://{host}/cloudartifact/project/{project_id}/repository 中project_id变量的值</p> <p>约束限制: 不涉及</p> <p>取值范围: 只能使用小写英文字符及数字, 字符串长度为32位</p> <p>默认取值: 不涉及</p> |
| policy | 否 | String | <p>参数解释: 仓库类型: snapshot 或 release</p> <p>约束限制: 不涉及</p> <p>取值范围: snapshot or releases</p> <p>默认取值: 不涉及</p> |
| access | 否 | String | <p>参数解释: 权限过滤设置, 允许过滤读(r)和读写(rw)权限</p> <p>约束限制: 不涉及</p> <p>取值范围: r or rw</p> <p>默认取值: r</p> |

| 参数 | 是否必选 | 参数类型 | 描述 |
|---------|------|--------|---|
| default | 否 | String | 参数解释: 是否返回默认仓库 约束限制: 不涉及 取值范围: true or false 默认取值: false |
| ids | 否 | String | 参数解释: 仓库id, 多个仓库id用英文逗号间隔。仓库id格式为{region}{domainId}{format}_{sequence}。可以从私有依赖库首页->仓库概览->仓库地址 url 中获取, 最后两个"/"中间的字符串即为仓库id 约束限制: 不涉及 取值范围: 最大长度512 默认取值: 不涉及 |

请求参数

无

响应参数

状态码: 200

表 4-35 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|------------------|--------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Array of objects | 请求返回结果, 接口不同, 返回不同 |

请求示例

查询租户Maven仓库列表和账号密码

```
https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/maven/info?project_id=e2ee90487d6349dd944a5767225f6f55&policy=release&access=r&default=false
```

响应示例

状态码： 200

OK

```
{
  "status": "success",
  "trace_id": "143002-1701176094147-90",
  "result": [ {
    "status": "active",
    "domainId": "5a775fdb14f4431b6c0015618140bc3",
    "region": "cn-north-7",
    "createdTime": "2023-11-24 17:13:52",
    "modifiedTime": "2023-11-24 17:13:52",
    "createdUserId": "e9253deb37654775bb3c411aca89153a",
    "createdUserName": "devcloud_devcloud_y00226182_01",
    "modifiedUserId": null,
    "modifiedUserName": null,
    "name": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_5_120",
    "disable": false,
    "format": "maven2",
    "type": "virtual",
    "policy": "release",
    "tabId": "5a775fdb14f4431b6c0015618140bc3_tab_maven2_120",
    "repositoryName": "adasasfsafdasdfasd",
    "displayName": "adasasfsafdasdfasd",
    "description": "",
    "snapshot": null,
    "release": null,
    "npm": null,
    "snapshotStatus": null,
    "releaseStatus": null,
    "projectId": "e2ee90487d6349dd944a5767225f6f55",
    "includesPattern": "**/*",
    "repositoryIds": null,
    "uri": null,
    "deploymentPolicy": null,
    "repositories": null,
    "parentRepoName": null,
    "userName": null,
    "password": "****",
    "remoteUrl": null,
    "defaultDeployRepository": null,
    "remoteType": null,
    "proxy": null,
    "allowAnonymous": null,
    "autoCleanSnapshot": null,
    "snapshotAliveDays": null,
    "maxUniqueSnapshots": null,
    "shareRight": "PROJECT",
    "nexuRepo": false,
    "username": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_e9253deb37654775bb3c411aca89153a",
    "url": "https://devrepo.devcloud.cn-north-7.ulanhqab.huawei.com/artgalaxy/cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_5_120/",
    "packageType": "maven"
  } ]
}
```

SDK 代码示例

SDK代码示例如下。

Java

```
package com.huaweicloud.sdk.test;

import com.huaweicloud.sdk.core.auth.ICredential;
import com.huaweicloud.sdk.core.auth.BasicCredentials;
import com.huaweicloud.sdk.core.exception.ConnectionException;
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;
import com.huaweicloud.sdk.core.exception.ServiceResponseException;
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;
import com.huaweicloud.sdk.codeartsartifact.v2.*;
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;

public class ShowMavenInfoSolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or
        // environment variables and decrypted during use to ensure security.
        // In this example, AK and SK are stored in environment variables for authentication. Before running
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
        String ak = System.getenv("CLOUD_SDK_AK");
        String sk = System.getenv("CLOUD_SDK_SK");

        ICredential auth = new BasicCredentials()
            .withAk(ak)
            .withSk(sk);

        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
            .withCredential(auth)
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
            .build();
        ShowMavenInfoRequest request = new ShowMavenInfoRequest();
        try {
            ShowMavenInfoResponse response = client.showMavenInfo(request);
            System.out.println(response.toString());
        } catch (ConnectionException e) {
            e.printStackTrace();
        } catch (RequestTimeoutException e) {
            e.printStackTrace();
        } catch (ServiceResponseException e) {
            e.printStackTrace();
            System.out.println(e.getHttpStatusCode());
            System.out.println(e.getRequestId());
            System.out.println(e.getErrorCode());
            System.out.println(e.getErrorMsg());
        }
    }
}
```

Python

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
```

```
variables and decrypted during use to ensure security.
# In this example, AK and SK are stored in environment variables for authentication. Before running this
example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
ak = os.environ["CLOUD_SDK_AK"]
sk = os.environ["CLOUD_SDK_SK"]

credentials = BasicCredentials(ak, sk)

client = CodeArtsArtifactClient.new_builder() \
    .with_credentials(credentials) \
    .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
    .build()

try:
    request = ShowMavenInfoRequest()
    response = client.show_maven_info(request)
    print(response)
except exceptions.ClientRequestException as e:
    print(e.status_code)
    print(e.request_id)
    print(e.error_code)
    print(e.error_msg)
```

Go

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
    sk := os.Getenv("CLOUD_SDK_SK")

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
        WithSk(sk).
        Build()

    client := codeartsartifact.NewCodeArtsArtifactClient(
        codeartsartifact.CodeArtsArtifactClientBuilder().
            WithRegion(region.ValueOf("<YOUR REGION>")).
            WithCredential(auth).
            Build())

    request := &model.ShowMavenInfoRequest{}
    response, err := client.ShowMavenInfo(request)
    if err == nil {
        fmt.Printf("%+v\n", response)
    } else {
        fmt.Println(err)
    }
}
```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.3.7 创建非 maven 仓库

功能介绍

创建非maven仓库

调用方法

请参见[如何调用API](#)。

URI

POST /cloudartifact/v5/artifact/

请求参数

表 4-36 请求 Body 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|------------------|------|--------|-------|
| format | 是 | String | 仓库格式 |
| type | 是 | String | 仓库类型 |
| repository_name | 是 | String | 仓库名称 |
| description | 否 | String | 仓库描述 |
| includes_pattern | 是 | String | 路径白名单 |
| project_id | 否 | String | 项目id |
| share_right | 否 | String | 共享策略 |

响应参数

状态码： 200

表 4-37 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

创建非Maven仓库

https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/artifact/

```
{
  "repository_name": "test-pypi",
  "type": "hosted",
  "format": "pypi",
  "description": "",
  "includes_pattern": "**/*",
  "share_right": "PROJECT",
  "project_id": "e2ee90487d6349dd944a5767225f6f55"
}
```

响应示例

状态码： 200

OK

```
{
  "status": "success",
  "trace_id": "143003-1701176455154-4616",
  "result": {
    "artifactory": {
      "status": null,
      "domainId": "5a775fdb14f4431b6c0015618140bc3",
      "region": "cn-north-7",
      "createdTime": null,
      "modifiedTime": null,
      "createdUserId": "e9253deb37654775bb3c411aca89153a",
      "createdUserName": "devcloud_devcloud_y00226182_01",
      "modifiedUserId": "e9253deb37654775bb3c411aca89153a",
      "modifiedUserName": "devcloud_devcloud_y00226182_01",
      "name": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_pypi_41",
      "disable": false,
      "format": "pypi",
      "type": "hosted",
      "policy": null,
      "tabId": null,
      "repositoryName": "test-pypi",
      "displayName": null,
      "description": "",
      "snapshot": null,
      "release": null,
      "npm": null,
      "snapshotStatus": null,
      "releaseStatus": null,
      "projectId": "e2ee90487d6349dd944a5767225f6f55",
      "includesPattern": "**/*",
      "repositoryIds": null,
      "uri": null,
    }
  }
}
```



```
"deploymentPolicy" : null,
"repositories" : null,
"parentRepoName" : null,
"userName" : null,
"password" : null,
"remoteUrl" : null,
"defaultDeployRepository" : null,
"remoteType" : null,
"proxy" : null,
"allowAnonymous" : null,
"autoCleanSnapshot" : null,
"snapshotAliveDays" : null,
"maxUniqueSnapshots" : null,
"shareRight" : "PROJECT",
"nexuRepo" : false,
"url" : "https://devrepo.devcloud.cn-north-7.ulanhqab.huawei.com/artgalaxy/api/pypi/cn-
north-7_5a775fdb14f4431b6c0015618140bc3_pypi_41/",
"packageType" : "pypi"
}
}
}
```

SDK 代码示例

SDK代码示例如下。

Java

创建非Maven仓库

```
package com.huaweicloud.sdk.test;

import com.huaweicloud.sdk.core.auth.ICredential;
import com.huaweicloud.sdk.core.auth.BasicCredentials;
import com.huaweicloud.sdk.core.exception.ConnectionException;
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;
import com.huaweicloud.sdk.core.exception.ServiceResponseException;
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;
import com.huaweicloud.sdk.codeartsartifact.v2.*;
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;

public class CreateArtifactorySolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or
        // environment variables and decrypted during use to ensure security.
        // In this example, AK and SK are stored in environment variables for authentication. Before running
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
        String ak = System.getenv("CLOUD_SDK_AK");
        String sk = System.getenv("CLOUD_SDK_SK");

        ICredential auth = new BasicCredentials()
            .withAk(ak)
            .withSk(sk);

        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
            .withCredential(auth)
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
            .build();

        CreateArtifactoryRequest request = new CreateArtifactoryRequest();
        CreateNotMavenRepoDO body = new CreateNotMavenRepoDO();
        body.withShareRight("PROJECT");
        body.withProjectId("e2ee90487d6349dd944a5767225f6f55");
        body.withIncludesPattern("**/*");
        body.withDescription("");
    }
}
```

```
body.withRepositoryName("test-pypi");
body.withType("hosted");
body.withFormat("pypi");
request.withBody(body);
try {
    CreateArtifactoryResponse response = client.createArtifactory(request);
    System.out.println(response.toString());
} catch (ConnectionException e) {
    e.printStackTrace();
} catch (RequestTimeoutException e) {
    e.printStackTrace();
} catch (ServiceResponseException e) {
    e.printStackTrace();
    System.out.println(e.getStatusCode());
    System.out.println(e.getRequestId());
    System.out.println(e.getErrorCode());
    System.out.println(e.getErrorMsg());
}
}
```

Python

创建非maven仓库

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    # variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    # example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.environ["CLOUD_SDK_AK"]
    sk = os.environ["CLOUD_SDK_SK"]

    credentials = BasicCredentials(ak, sk)

    client = CodeArtsArtifactClient.new_builder() \
        .with_credentials(credentials) \
        .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
        .build()

    try:
        request = CreateArtifactoryRequest()
        request.body = CreateNotMavenRepoDO(
            share_right="PROJECT",
            project_id="e2ee90487d6349dd944a5767225f6f55",
            includes_pattern="**/*",
            description="",
            repository_name="test-pypi",
            type="hosted",
            format="pypi"
        )
        response = client.create_artifactory(request)
        print(response)
    except exceptions.ClientRequestException as e:
        print(e.status_code)
        print(e.request_id)
        print(e.error_code)
        print(e.error_msg)
```

Go

创建非maven仓库

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    // risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    // variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    // example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
    sk := os.Getenv("CLOUD_SDK_SK")

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
        WithSk(sk).
        Build()

    client := codeartsartifact.NewCodeArtsArtifactClient(
        codeartsartifact.CodeArtsArtifactClientBuilder().
            WithRegion(region.ValueOf("<YOUR REGION>")).
            WithCredential(auth).
            Build())

    request := &model.CreateArtifactoryRequest{}
    shareRightCreateNotMavenRepoDo:= "PROJECT"
    projectIdCreateNotMavenRepoDo:= "e2ee90487d6349dd944a5767225f6f55"
    descriptionCreateNotMavenRepoDo:= ""
    request.Body = &model.CreateNotMavenRepoDo{
        ShareRight: &shareRightCreateNotMavenRepoDo,
        ProjectId: &projectIdCreateNotMavenRepoDo,
        IncludesPattern: "**/*",
        Description: &descriptionCreateNotMavenRepoDo,
        RepositoryName: "test-pypi",
        Type: "hosted",
        Format: "pypi",
    }
    response, err := client.CreateArtifactory(request)
    if err == nil {
        fmt.Printf("%+v\n", response)
    } else {
        fmt.Println(err)
    }
}
```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.3.8 编辑非 maven 仓库信息

功能介绍

编辑非maven仓库信息

调用方法

请参见[如何调用API](#)。

URI

PUT /cloudartifact/v5/artifact/

请求参数

表 4-38 请求 Body 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|----------------------|------|------------------|-----------|
| repo_name | 是 | String | 仓库名称 |
| format | 是 | String | 仓库格式 |
| description | 否 | String | 仓库描述 |
| repository_ids | 是 | Array of strings | 仓库id列表 |
| includes_pattern | 否 | String | 路径白名单 |
| deployment_policy | 否 | String | 仓库属性-覆盖策略 |
| auto_clean_snapshot | 否 | Boolean | 自动清理快照 |
| snapshot_alive_days | 否 | String | 快照保存时间长度 |
| max_unique_snapshots | 否 | String | 最大不同快照个数 |
| allow_anonymous | 否 | Boolean | 是否允许匿名 |

响应参数

状态码： 200

表 4-39 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

更新非maven仓库

```
https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/artifact/  
{  
  "repository_ids" : [ "cn-north-7_5a775fdb14f4431b6c0015618140bc3_pypi_41" ],  
  "repo_name" : "test-pypi",  
  "format" : "pypi",  
  "description" : "11",  
  "includes_pattern" : "11/**/*,22/**/*",  
  "deployment_policy" : "allowRedeploy"  
}
```

响应示例

状态码： 200

OK

```
{  
  "status" : "success",  
  "trace_id" : "143002-1701176758146-94",  
  "result" : null  
}
```

SDK 代码示例

SDK代码示例如下。

Java

更新非maven仓库

```
package com.huaweicloud.sdk.test;  
  
import com.huaweicloud.sdk.core.auth.ICredential;  
import com.huaweicloud.sdk.core.auth.BasicCredentials;  
import com.huaweicloud.sdk.core.exception.ConnectionException;  
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;  
import com.huaweicloud.sdk.core.exception.ServiceResponseException;  
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;  
import com.huaweicloud.sdk.codeartsartifact.v2.*;  
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;
```

```
import java.util.List;
import java.util.ArrayList;

public class UpdateArtifactorySolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or
        // environment variables and decrypted during use to ensure security.
        // In this example, AK and SK are stored in environment variables for authentication. Before running
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
        String ak = System.getenv("CLOUD_SDK_AK");
        String sk = System.getenv("CLOUD_SDK_SK");

        ICredential auth = new BasicCredentials()
            .withAk(ak)
            .withSk(sk);

        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
            .withCredential(auth)
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
            .build();
        UpdateArtifactoryRequest request = new UpdateArtifactoryRequest();
        UpdateNotMavenRepoDO body = new UpdateNotMavenRepoDO();
        List<String> listbodyRepositoryIds = new ArrayList<>();
        listbodyRepositoryIds.add("cn-north-7_5a775fdcb14f4431b6c0015618140bc3_pypi_41");
        body.withDeploymentPolicy("allowRedeploy");
        body.withIncludesPattern("11/**/*,22/**/*");
        body.withRepositoryIds(listbodyRepositoryIds);
        body.withDescription("11");
        body.withFormat("pypi");
        body.withRepoName("test-pypi");
        request.withBody(body);
        try {
            UpdateArtifactoryResponse response = client.updateArtifactory(request);
            System.out.println(response.toString());
        } catch (ConnectionException e) {
            e.printStackTrace();
        } catch (RequestTimeoutException e) {
            e.printStackTrace();
        } catch (ServiceResponseException e) {
            e.printStackTrace();
            System.out.println(e.getHttpStatusCode());
            System.out.println(e.getRequestId());
            System.out.println(e.getErrorCode());
            System.out.println(e.getErrorMsg());
        }
    }
}
```

Python

更新非maven仓库

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    # variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    # example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.environ["CLOUD_SDK_AK"]
```

```
sk = os.environ["CLOUD_SDK_SK"]

credentials = BasicCredentials(ak, sk)

client = CodeArtsArtifactClient.new_builder() \
    .with_credentials(credentials) \
    .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
    .build()

try:
    request = UpdateArtifactoryRequest()
    listRepositoryIdsbody = [
        "cn-north-7_5a775fdb14f4431b6c0015618140bc3_pypi_41"
    ]
    request.body = UpdateNotMavenRepoDO(
        deployment_policy="allowRedeploy",
        includes_pattern="11/**/*,22/**/*",
        repository_ids=listRepositoryIdsbody,
        description="11",
        format="pypi",
        repo_name="test-pypi"
    )
    response = client.update_artifactory(request)
    print(response)
except exceptions.ClientRequestException as e:
    print(e.status_code)
    print(e.request_id)
    print(e.error_code)
    print(e.error_msg)
```

Go

更新非maven仓库

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    // risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    // variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    // example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
    sk := os.Getenv("CLOUD_SDK_SK")

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
        WithSk(sk).
        Build()

    client := codeartsartifact.NewCodeArtsArtifactClient(
        codeartsartifact.CodeArtsArtifactClientBuilder().
            WithRegion(region.ValueOf("<YOUR REGION>")).
            WithCredential(auth).
            Build())

    request := &model.UpdateArtifactoryRequest{}
    var listRepositoryIdsbody = []string{
        "cn-north-7_5a775fdb14f4431b6c0015618140bc3_pypi_41",
    }
    deploymentPolicyUpdateNotMavenRepoDo := "allowRedeploy"
```

```
includesPatternUpdateNotMavenRepoDo:= "11/**/*,22/**/*"  
descriptionUpdateNotMavenRepoDo:= "11"  
request.Body = &model.UpdateNotMavenRepoDo{  
    DeploymentPolicy: &deploymentPolicyUpdateNotMavenRepoDo,  
    IncludesPattern: &includesPatternUpdateNotMavenRepoDo,  
    RepositoryIds: listRepositoryIdsbody,  
    Description: &descriptionUpdateNotMavenRepoDo,  
    Format: "pypi",  
    RepoName: "test-pypi",  
}  
response, err := client.UpdateArtifactory(request)  
if err == nil {  
    fmt.Printf("%+v\n", response)  
} else {  
    fmt.Println(err)  
}  
}
```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.4 仓库关联项目

4.4.1 查询项目管理关联仓库

功能介绍

查询项目管理关联仓库

调用方法

请参见[如何调用API](#)。

URI

GET /cloudartifact/v5/maven/repository/list

表 4-40 Query 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|------------|------|--------|------|
| project_id | 是 | String | 项目id |

请求参数

无

响应参数

状态码： 200

表 4-41 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|------------------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Array of objects | 请求返回结果，接口不同，返回不同 |

请求示例

查询项目管理关联仓库

```
https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/maven/repository/list?project_id=e2ee90487d6349dd944a5767225f6f55
```

响应示例

状态码： 200

OK

```
{
  "status": "success",
  "trace_id": "143002-1701219898408-370",
  "result": [ {
    "id": null,
    "name": "cn-north-7_5a775fdcb14f4431b6c0015618140bc3_maven_1_11",
    "description": null,
    "createdTime": "2022-01-20 18:23:17",
    "createdUserId": "e9253deb37654775bb3c411aca89153a",
    "createdUserName": "devcloud_devcloud_y00226182_01",
    "modifiedTime": "2023-11-28 11:25:22",
    "modifiedUserId": "e9253deb37654775bb3c411aca89153a",
    "modifiedUserName": "devcloud_devcloud_y00226182_01",
    "format": "maven2",
    "repoType": "hosted",
    "includesPattern": "**/*",
    "url": "https://devrepo.devcloud.cn-north-7.ulnqab.huawei.com/artgalaxy/cn-north-7_5a775fdcb14f4431b6c0015618140bc3_maven_1_11/",
    "storageSummaryInfo": null,
  } ]
}
```

```
"projectId" : null,
"shareRight" : null,
"deploymentPolicy" : null,
"repositoryName" : "maven-test-20220120",
"displayName" : "maven-test-20220120",
"policy" : "release",
"tabId" : "5a775fdb14f4431b6c0015618140bc3_tab_maven2_11",
"status" : "active",
"domainId" : "5a775fdb14f4431b6c0015618140bc3",
"region" : "cn-north-7",
"uri" : null,
"disable" : false,
"packageType" : "maven"
} ]
}
```

SDK 代码示例

SDK代码示例如下。

Java

```
package com.huaweicloud.sdk.test;

import com.huaweicloud.sdk.core.auth.ICredential;
import com.huaweicloud.sdk.core.auth.BasicCredentials;
import com.huaweicloud.sdk.core.exception.ConnectionException;
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;
import com.huaweicloud.sdk.core.exception.ServiceResponseException;
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;
import com.huaweicloud.sdk.codeartsartifact.v2.*;
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;

public class ShowProjectListSolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or
        // environment variables and decrypted during use to ensure security.
        // In this example, AK and SK are stored in environment variables for authentication. Before running
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
        String ak = System.getenv("CLOUD_SDK_AK");
        String sk = System.getenv("CLOUD_SDK_SK");

        ICredential auth = new BasicCredentials()
            .withAk(ak)
            .withSk(sk);

        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
            .withCredential(auth)
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
            .build();
        ShowProjectListRequest request = new ShowProjectListRequest();
        try {
            ShowProjectListResponse response = client.showProjectList(request);
            System.out.println(response.toString());
        } catch (ConnectionException e) {
            e.printStackTrace();
        } catch (RequestTimeoutException e) {
            e.printStackTrace();
        } catch (ServiceResponseException e) {
            e.printStackTrace();
            System.out.println(e.getStatusCode());
            System.out.println(e.getRequestId());
            System.out.println(e.getErrorCode());
            System.out.println(e.getErrorMsg());
        }
    }
}
```

```
}  
}
```

Python

```
# coding: utf-8  
  
import os  
from huaweicloudsdkcore.auth.credentials import BasicCredentials  
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion  
from huaweicloudsdkcore.exceptions import exceptions  
from huaweicloudsdkcodeartsartifact.v2 import *  
  
if __name__ == "__main__":  
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security  
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment  
    # variables and decrypted during use to ensure security.  
    # In this example, AK and SK are stored in environment variables for authentication. Before running this  
    # example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment  
    ak = os.environ["CLOUD_SDK_AK"]  
    sk = os.environ["CLOUD_SDK_SK"]  
  
    credentials = BasicCredentials(ak, sk)  
  
    client = CodeArtsArtifactClient.new_builder() \  
        .with_credentials(credentials) \  
        .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \  
        .build()  
  
    try:  
        request = ShowProjectListRequest()  
        response = client.show_project_list(request)  
        print(response)  
    except exceptions.ClientRequestException as e:  
        print(e.status_code)  
        print(e.request_id)  
        print(e.error_code)  
        print(e.error_msg)
```

Go

```
package main  
  
import (  
    "fmt"  
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"  
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"  
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"  
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"  
)  
  
func main() {  
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security  
    // risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment  
    // variables and decrypted during use to ensure security.  
    // In this example, AK and SK are stored in environment variables for authentication. Before running this  
    // example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment  
    ak := os.Getenv("CLOUD_SDK_AK")  
    sk := os.Getenv("CLOUD_SDK_SK")  
  
    auth := basic.NewCredentialsBuilder().  
        WithAk(ak).  
        WithSk(sk).  
        Build()  
  
    client := codeartsartifact.NewCodeArtsArtifactClient(  
        codeartsartifact.CodeArtsArtifactClientBuilder().  
            WithRegion(region.ValueOf("<YOUR REGION>")).  
            WithCredential(auth).
```

```
Build()  
  
request := &model.ShowProjectListRequest{}  
response, err := client.ShowProjectList(request)  
if err == nil {  
    fmt.Printf("%+v\n", response)  
} else {  
    fmt.Println(err)  
}  
}
```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.4.2 项目关联仓库

功能介绍

项目关联仓库

调用方法

请参见[如何调用API](#)。

URI

POST /cloudartifact/v5/maven/project/repository

请求参数

表 4-42 请求 Body 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|------------|------|------------------|----------|
| project_id | 否 | String | 项目id |
| ids | 否 | Array of strings | tab_id集合 |

响应参数

状态码： 200

表 4-43 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

项目关联仓库

```
https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/maven/project/repository
```

```
{
  "project_id": "e2ee90487d6349dd944a5767225f6f55",
  "ids": [ "5a775fdb14f4431b6c0015618140bc3_tab_maven2_23",
    "5a775fdb14f4431b6c0015618140bc3_tab_maven2_120",
    "5a775fdb14f4431b6c0015618140bc3_tab_maven2_201" ]
}
```

响应示例

状态码： 200

OK

```
{
  "status": "success",
  "trace_id": "143006-1701220262276-256",
  "result": null
}
```

SDK 代码示例

SDK代码示例如下。

Java

项目关联仓库

```
package com.huaweicloud.sdk.test;

import com.huaweicloud.sdk.core.auth.ICredential;
import com.huaweicloud.sdk.core.auth.BasicCredentials;
import com.huaweicloud.sdk.core.exception.ConnectionException;
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;
import com.huaweicloud.sdk.core.exception.ServiceResponseException;
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;
import com.huaweicloud.sdk.codeartsartifact.v2.*;
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;

import java.util.List;
import java.util.ArrayList;
```

```
public class CreateProjectRelatedRepositorySolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
        security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or
        environment variables and decrypted during use to ensure security.
        // In this example, AK and SK are stored in environment variables for authentication. Before running
        this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
        String ak = System.getenv("CLOUD_SDK_AK");
        String sk = System.getenv("CLOUD_SDK_SK");

        ICredential auth = new BasicCredentials()
            .withAk(ak)
            .withSk(sk);

        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
            .withCredential(auth)
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
            .build();
        CreateProjectRelatedRepositoryRequest request = new CreateProjectRelatedRepositoryRequest();
        IDEPrivilegeProjectInfo body = new IDEPrivilegeProjectInfo();
        List<String> listbodyIds = new ArrayList<>();
        listbodyIds.add("5a775fdb14f4431b6c0015618140bc3_tab_maven2_23");
        listbodyIds.add("5a775fdb14f4431b6c0015618140bc3_tab_maven2_120");
        listbodyIds.add("5a775fdb14f4431b6c0015618140bc3_tab_maven2_201");
        body.withIds(listbodyIds);
        body.withProjectId("e2ee90487d6349dd944a5767225f6f55");
        request.withBody(body);
        try {
            CreateProjectRelatedRepositoryResponse response = client.createProjectRelatedRepository(request);
            System.out.println(response.toString());
        } catch (ConnectionException e) {
            e.printStackTrace();
        } catch (RequestTimeoutException e) {
            e.printStackTrace();
        } catch (ServiceResponseException e) {
            e.printStackTrace();
            System.out.println(e.getHttpStatusCode());
            System.out.println(e.getRequestId());
            System.out.println(e.getErrorCode());
            System.out.println(e.getErrorMsg());
        }
    }
}
```

Python

项目关联仓库

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.getenv("CLOUD_SDK_AK")
    sk = os.getenv("CLOUD_SDK_SK")

    credentials = BasicCredentials(ak, sk)
```

```
client = CodeArtsArtifactClient.new_builder() \
    .with_credentials(credentials) \
    .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
    .build()

try:
    request = CreateProjectRelatedRepositoryRequest()
    listIdsbody = [
        "5a775fdb14f4431b6c0015618140bc3_tab_maven2_23",
        "5a775fdb14f4431b6c0015618140bc3_tab_maven2_120",
        "5a775fdb14f4431b6c0015618140bc3_tab_maven2_201"
    ]
    request.body = IDEPrivilegeProjectInfo(
        ids=listIdsbody,
        project_id="e2ee90487d6349dd944a5767225f6f55"
    )
    response = client.create_project_related_repository(request)
    print(response)
except exceptions.ClientRequestException as e:
    print(e.status_code)
    print(e.request_id)
    print(e.error_code)
    print(e.error_msg)
```

Go

项目关联仓库

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    // risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    // variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    // example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
    sk := os.Getenv("CLOUD_SDK_SK")

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
        WithSk(sk).
        Build()

    client := codeartsartifact.NewCodeArtsArtifactClient(
        codeartsartifact.CodeArtsArtifactClientBuilder().
            WithRegion(region.ValueOf("<YOUR REGION>")).
            WithCredential(auth).
            Build())

    request := &model.CreateProjectRelatedRepositoryRequest{}
    var listIdsbody = []string{
        "5a775fdb14f4431b6c0015618140bc3_tab_maven2_23",
        "5a775fdb14f4431b6c0015618140bc3_tab_maven2_120",
        "5a775fdb14f4431b6c0015618140bc3_tab_maven2_201",
    }
    projectIdeePrivilegeProjectInfo := "e2ee90487d6349dd944a5767225f6f55"
    request.Body = &model.IdePrivilegeProjectInfo{
        Ids: &listIdsbody,
        ProjectId: &projectIdeePrivilegeProjectInfo,
    }
}
```

```
response, err := client.CreateProjectRelatedRepository(request)
if err == nil {
    fmt.Printf("%+v\n", response)
} else {
    fmt.Println(err)
}
}
```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.5 仓库容量

4.5.1 仓库用量查询

功能介绍

仓库用量查询

调用方法

请参见[如何调用API](#)。

URI

GET /cloudartifact/v5/storage

表 4-44 Query 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|-------------|------|--------|--|
| format_list | 否 | String | 参数解释： 仓库类型列表。 约束限制： 不涉及。 取值范围： maven2, docker, conan, debian, go, nuget, rpm, pypi, npm, cocoapods, generic。 默认取值： 不涉及。 |
| in_project | 否 | String | 参数解释： 是否在项目中。 约束限制： 不涉及。 取值范围： true: 项目中 false: 项目外 默认取值： 不涉及。 |

请求参数

无

响应参数

状态码： 200

表 4-45 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

仓库用量查询

```
https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/storage?  
in_project=true&format_list=maven2,npm,go,pypi,rpm,debian,conan,nuget,docker
```

响应示例

状态码: 200

OK

```
{  
  "status": "success",  
  "trace_id": "143006-1701220621380-265",  
  "result": {  
    "totalStorage": "549.62 MB",  
    "totalCount": 183  
  }  
}
```

SDK 代码示例

SDK代码示例如下。

Java

```
package com.huaweicloud.sdk.test;  
  
import com.huaweicloud.sdk.core.auth.ICredential;  
import com.huaweicloud.sdk.core.auth.BasicCredentials;  
import com.huaweicloud.sdk.core.exception.ConnectionException;  
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;  
import com.huaweicloud.sdk.core.exception.ServiceResponseException;  
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;  
import com.huaweicloud.sdk.codeartsartifact.v2.*;  
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;  
  
public class ShowStorageSolution {  
  
    public static void main(String[] args) {  
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great  
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or  
        // environment variables and decrypted during use to ensure security.  
        // In this example, AK and SK are stored in environment variables for authentication. Before running  
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment  
        String ak = System.getenv("CLOUD_SDK_AK");  
        String sk = System.getenv("CLOUD_SDK_SK");  
  
        ICredential auth = new BasicCredentials()  
            .withAk(ak)  
            .withSk(sk);  
  
        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()  
            .withCredential(auth)  
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))  
            .build();  
        ShowStorageRequest request = new ShowStorageRequest();  
        try {  
            ShowStorageResponse response = client.showStorage(request);  
            System.out.println(response.toString());  
        } catch (ConnectionException e) {  
            e.printStackTrace();  
        } catch (RequestTimeoutException e) {  
            e.printStackTrace();  
        } catch (ServiceResponseException e) {  
            e.printStackTrace();  
            System.out.println(e.getHttpStatusCode());  
            System.out.println(e.getRequestId());  
        }  
    }  
}
```

```
        System.out.println(e.getErrorCode());
        System.out.println(e.getErrorMsg());
    }
}
}
```

Python

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    # variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    # example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.environ["CLOUD_SDK_AK"]
    sk = os.environ["CLOUD_SDK_SK"]

    credentials = BasicCredentials(ak, sk)

    client = CodeArtsArtifactClient.new_builder() \
        .with_credentials(credentials) \
        .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
        .build()

    try:
        request = ShowStorageRequest()
        response = client.show_storage(request)
        print(response)
    except exceptions.ClientRequestException as e:
        print(e.status_code)
        print(e.request_id)
        print(e.error_code)
        print(e.error_msg)
```

Go

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    // risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    // variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    // example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
    sk := os.Getenv("CLOUD_SDK_SK")

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
        WithSk(sk).
        Build()

    client := codeartsartifact.NewCodeArtsArtifactClient(
```

```
codeartsartifact.CodeArtsArtifactClientBuilder().
    WithRegion(region.ValueOf("<YOUR REGION>")).
    WithCredential(auth).
    Build())

request := &model.ShowStorageRequest{}
response, err := client.ShowStorage(request)
if err == nil {
    fmt.Printf("%+v\n", response)
} else {
    fmt.Println(err)
}
}
```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.6 搜索

4.6.1 通过 checksum 搜索文件

功能介绍

通过checksum搜索文件

调用方法

请参见[如何调用API](#)。

URI

GET /cloudartifact/v5/search/checksum

表 4-46 Query 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|-----------|------|---------|--|
| checksum | 是 | String | <p>参数解释: 文件校验和，可在页面文件详细信息概览中获取，文件校验和的 MD5, SHA-1, SHA-256, SHA-512任意值</p> <p>约束限制: 不涉及</p> <p>取值范围: 只能使用英文字符、数字，字符串长度32、40、64、128</p> <p>默认取值: 不涉及</p> |
| page_no | 否 | Integer | <p>参数解释: 页码</p> <p>约束限制: 不涉及</p> <p>取值范围: 最小值1</p> <p>默认取值: 默认值1</p> |
| page_size | 否 | Integer | <p>参数解释: 每页大小</p> <p>约束限制: 不涉及</p> <p>取值范围: 最小值1，最大值100</p> <p>默认取值: 默认值10</p> |

| 参数 | 是否必选 | 参数类型 | 描述 |
|------------|------|--------|--|
| format | 否 | String | <p>参数解释: 仓库类型</p> <p>约束限制: 不涉及</p> <p>取值范围: 允许的类型为: maven2 npm go pypi rpm composer debian conan nuget docker2 cocoapods ohpm</p> <p>默认取值: 不涉及</p> |
| in_project | 否 | String | <p>参数解释: 是否在项目中, 值为true, project_id有值时, 查询指定项目数据; project_id无值时, 查询当前账号所有项目数据。值为false或不传值时查询当前租户下未关联项目的仓库数据</p> <p>约束限制: 不涉及</p> <p>取值范围: true or false</p> <p>默认取值: 不涉及</p> |
| project_id | 否 | String | <p>参数解释: 项目id, 对应"需求管理 CodeArts Req"项目唯一标识, 私有依赖库首页地址栏url https://{host}/cloudartifact/project/{project_id}/repository 中project_id变量的值</p> <p>约束限制: 参数in_project值为true值时此参数生效</p> <p>取值范围: 只能使用小写英文字符及数字, 字符串长度为32位</p> <p>默认取值: 不涉及</p> |

请求参数

无

响应参数

状态码： 200

表 4-47 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|------------------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Array of objects | 请求返回结果，接口不同，返回不同 |

请求示例

通过checksum搜索文件

```
https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/search/checksum?checksum=eb05a9df1e3403a5f54e03de073a6ce6&page_no=1&page_size=10&in_project=true&project_id=e2e90487d6349dd944a5767225f6f55&format=pypi
```

响应示例

状态码： 200

OK

```
{
  "status": "success",
  "trace_id": "143006-1701220804200-277",
  "result": [ {
    "name": "mod.txt",
    "relativePath": "1/1/mod.txt",
    "createdBy": null,
    "createdUserName": "devcloud_devcloud_y00226182_01",
    "created": null,
    "modified": "2023-11-29T09:19:13.711+08:00",
    "repo": "cn-north-7_5a775fdcb14f4431b6c0015618140bc3_pypi_40",
    "repoName": "testpypi",
    "displayName": null,
    "oldRepold": "cn-north-7_5a775fdcb14f4431b6c0015618140bc3_pypi_40",
    "repoType": "pypi"
  } ]
}
```

SDK 代码示例

SDK代码示例如下。

Java

```
package com.huaweicloud.sdk.test;
```

```
import com.huaweicloud.sdk.core.auth.ICredential;
import com.huaweicloud.sdk.core.auth.BasicCredentials;
import com.huaweicloud.sdk.core.exception.ConnectionException;
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;
import com.huaweicloud.sdk.core.exception.ServiceResponseException;
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;
import com.huaweicloud.sdk.codeartsartifact.v2.*;
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;

public class SearchByChecksumSolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or
        // environment variables and decrypted during use to ensure security.
        // In this example, AK and SK are stored in environment variables for authentication. Before running
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
        String ak = System.getenv("CLOUD_SDK_AK");
        String sk = System.getenv("CLOUD_SDK_SK");

        ICredential auth = new BasicCredentials()
            .withAk(ak)
            .withSk(sk);

        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
            .withCredential(auth)
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
            .build();
        SearchByChecksumRequest request = new SearchByChecksumRequest();
        try {
            SearchByChecksumResponse response = client.searchByChecksum(request);
            System.out.println(response.toString());
        } catch (ConnectionException e) {
            e.printStackTrace();
        } catch (RequestTimeoutException e) {
            e.printStackTrace();
        } catch (ServiceResponseException e) {
            e.printStackTrace();
            System.out.println(e.getHttpStatusCode());
            System.out.println(e.getRequestId());
            System.out.println(e.getErrorCode());
            System.out.println(e.getErrorMsg());
        }
    }
}
```

Python

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    # variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    # example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.getenv("CLOUD_SDK_AK")
    sk = os.getenv("CLOUD_SDK_SK")

    credentials = BasicCredentials(ak, sk)

    client = CodeArtsArtifactClient.new_builder() \
```



```
.with_credentials(credentials) \
.with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
.build()

try:
    request = SearchByChecksumRequest()
    response = client.search_by_checksum(request)
    print(response)
except exceptions.ClientRequestException as e:
    print(e.status_code)
    print(e.request_id)
    print(e.error_code)
    print(e.error_msg)
```

Go

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    // risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    // variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    // example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
    sk := os.Getenv("CLOUD_SDK_SK")

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
        WithSk(sk).
        Build()

    client := codeartsartifact.NewCodeArtsArtifactClient(
        codeartsartifact.CodeArtsArtifactClientBuilder().
            WithRegion(region.ValueOf("<YOUR REGION>")).
            WithCredential(auth).
            Build())

    request := &model.SearchByChecksumRequest{}
    response, err := client.SearchByChecksum(request)
    if err == nil {
        fmt.Printf("%+v\n", response)
    } else {
        fmt.Println(err)
    }
}
```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.6.2 统筹搜索

功能介绍

统筹搜索

调用方法

请参见[如何调用API](#)。

URI

POST /cloudartifact/v5/tree/repos/artifacts

请求参数

表 4-48 请求 Body 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|---------------|------|---------|--------|
| artifact_name | 是 | String | 搜索制品名称 |
| artifact_type | 否 | String | 制品类型 |
| page_no | 否 | Integer | 页码 |
| page_size | 否 | Integer | 每页条数 |
| project_id | 否 | String | 项目id |
| in_project | 否 | String | 是否在项目中 |

响应参数

状态码： 200

表 4-49 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

统筹搜索

```
https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/tree/repos/artifacts

{
  "artifact_name": "mod.txt",
  "artifact_type": "pypi",
  "page_no": 1,
  "page_size": 10,
  "project_id": "e2ee90487d6349dd944a5767225f6f55",
  "in_project": true
}
```

响应示例

状态码: 200

OK

```
{
  "status": "success",
  "trace_id": "143002-1701221035715-403",
  "result": {
    "artifacts": [ {
      "name": "mod.txt",
      "relativePath": "1/1/mod.txt",
      "createdBy": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_e9253deb37654775bb3c411aca89153a",
      "createdUserName": "devcloud_devcloud_y00226182_01",
      "created": "1701220753711",
      "modified": "2023-11-29T09:19:13.711+08:00",
      "repo": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_pypi_40",
      "repoName": "testpypi",
      "displayName": null,
      "oldRepod": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_pypi_40",
      "repoType": "pypi"
    } ]
  }
}
```

SDK 代码示例

SDK代码示例如下。

Java

统筹搜索

```
package com.huaweicloud.sdk.test;

import com.huaweicloud.sdk.core.auth.ICredential;
import com.huaweicloud.sdk.core.auth.BasicCredentials;
import com.huaweicloud.sdk.core.exception.ConnectionException;
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;
import com.huaweicloud.sdk.core.exception.ServiceResponseException;
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;
import com.huaweicloud.sdk.codeartsartifact.v2.*;
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;

public class SearchArtifactsSolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
```

security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment variables and decrypted during use to ensure security.

// In this example, AK and SK are stored in environment variables for authentication. Before running this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment

```
String ak = System.getenv("CLOUD_SDK_AK");
String sk = System.getenv("CLOUD_SDK_SK");

ICredential auth = new BasicCredentials()
    .withAk(ak)
    .withSk(sk);

CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
    .withCredential(auth)
    .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
    .build();
SearchArtifactsRequest request = new SearchArtifactsRequest();
IDERepoSearchDO body = new IDERepoSearchDO();
body.withInProject("true");
body.withProjectId("e2ee90487d6349dd944a5767225f6f55");
body.withPageSize(10);
body.withPageNo(1);
body.withArtifactType("pypi");
body.withArtifactName("mod.txt");
request.withBody(body);
try {
    SearchArtifactsResponse response = client.searchArtifacts(request);
    System.out.println(response.toString());
} catch (ConnectionException e) {
    e.printStackTrace();
} catch (RequestTimeoutException e) {
    e.printStackTrace();
} catch (ServiceResponseException e) {
    e.printStackTrace();
    System.out.println(e.getHttpStatusCode());
    System.out.println(e.getRequestId());
    System.out.println(e.getErrorCode());
    System.out.println(e.getErrorMsg());
}
}
```

Python

统筹搜索

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    # variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    # example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.getenv("CLOUD_SDK_AK")
    sk = os.getenv("CLOUD_SDK_SK")

    credentials = BasicCredentials(ak, sk)

    client = CodeArtsArtifactClient.new_builder() \
        .with_credentials(credentials) \
        .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
        .build()
```

```
try:
    request = SearchArtifactsRequest()
    request.body = IDERepoSearchDO(
        in_project="true",
        project_id="e2ee90487d6349dd944a5767225f6f55",
        page_size=10,
        page_no=1,
        artifact_type="pypi",
        artifact_name="mod.txt"
    )
    response = client.search_artifacts(request)
    print(response)
except exceptions.ClientRequestException as e:
    print(e.status_code)
    print(e.request_id)
    print(e.error_code)
    print(e.error_msg)
```

Go

统筹搜索

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    // risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    // variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    // example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
    sk := os.Getenv("CLOUD_SDK_SK")

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
        WithSk(sk).
        Build()

    client := codeartsartifact.NewCodeArtsArtifactClient(
        codeartsartifact.CodeArtsArtifactClientBuilder().
            WithRegion(region.ValueOf("<YOUR REGION>")).
            WithCredential(auth).
            Build())

    request := &model.SearchArtifactsRequest{
        inProjectIdeRepoSearchDo: "true"
        projectIdeRepoSearchDo: "e2ee90487d6349dd944a5767225f6f55"
        pageSizeIdeRepoSearchDo: int32(10)
        pageNoIdeRepoSearchDo: int32(1)
        artifactTypeIdeRepoSearchDo: "pypi"
        request.Body = &model.IdeRepoSearchDo{
            InProject: &inProjectIdeRepoSearchDo,
            ProjectId: &projectIdeRepoSearchDo,
            PageSize: &pageSizeIdeRepoSearchDo,
            PageNo: &pageNoIdeRepoSearchDo,
            ArtifactType: &artifactTypeIdeRepoSearchDo,
            ArtifactName: "mod.txt",
        }
    }
    response, err := client.SearchArtifacts(request)
    if err == nil {
        fmt.Printf("%+v\n", response)
    }
}
```

```
} else {  
    fmt.Println(err)  
}  
}
```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.7 用户管理

4.7.1 重置用户密码

功能介绍

重置用户密码

调用方法

请参见[如何调用API](#)。

URI

POST /cloudartifact/v5/maven/users/me

请求参数

无

响应参数

状态码： 200

表 4-50 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|--------|--------|------|
| status | String | 结果状态 |

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

重置用户的密码

<https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/maven/users/me>

响应示例

状态码： 200

OK

```
{
  "status": "success",
  "trace_id": "143002-1701244804975-630",
  "result": {
    "status": 0,
    "domainId": "5a775fdb14f4431b6c0015618140bc3",
    "region": "cn-north-7",
    "createdTime": "2021-05-19 19:50:30",
    "modifiedTime": "2023-11-28 21:00:56",
    "id": 3000110176,
    "userId": "e9253deb37654775bb3c411aca89153a",
    "userName": "devcloud_devcloud_y00226182_01",
    "userType": "personal",
    "repoUserName": "5a775fdb14f4431b6c0015618140bc3_e9253deb37654775bb3c411aca89153a",
    "repoNumber": 58,
    "innerRepoUserName": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_e9253deb37654775bb3c411aca89153a"
  }
}
```

SDK 代码示例

SDK代码示例如下。

Java

```
package com.huaweicloud.sdk.test;

import com.huaweicloud.sdk.core.auth.ICredential;
import com.huaweicloud.sdk.core.auth.BasicCredentials;
import com.huaweicloud.sdk.core.exception.ConnectionException;
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;
import com.huaweicloud.sdk.core.exception.ServiceResponseException;
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;
import com.huaweicloud.sdk.codeartsartifact.v2.*;
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;

public class ResetUserPasswordSolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or
        // environment variables and decrypted during use to ensure security.
    }
}
```

```
// In this example, AK and SK are stored in environment variables for authentication. Before running
this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
String ak = System.getenv("CLOUD_SDK_AK");
String sk = System.getenv("CLOUD_SDK_SK");

ICredential auth = new BasicCredentials()
    .withAk(ak)
    .withSk(sk);

CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
    .withCredential(auth)
    .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
    .build();
ResetUserPasswordRequest request = new ResetUserPasswordRequest();
try {
    ResetUserPasswordResponse response = client.resetUserPassword(request);
    System.out.println(response.toString());
} catch (ConnectionException e) {
    e.printStackTrace();
} catch (RequestTimeoutException e) {
    e.printStackTrace();
} catch (ServiceResponseException e) {
    e.printStackTrace();
    System.out.println(e.getHttpStatusCode());
    System.out.println(e.getRequestId());
    System.out.println(e.getErrorCode());
    System.out.println(e.getErrorMsg());
}
}
```

Python

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.getenv("CLOUD_SDK_AK")
    sk = os.getenv("CLOUD_SDK_SK")

    credentials = BasicCredentials(ak, sk)

    client = CodeArtsArtifactClient.new_builder() \
        .with_credentials(credentials) \
        .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
        .build()

    try:
        request = ResetUserPasswordRequest()
        response = client.reset_user_password(request)
        print(response)
    except exceptions.ClientRequestException as e:
        print(e.status_code)
        print(e.request_id)
        print(e.error_code)
        print(e.error_msg)
```


Go

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    // risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    // variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    // example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
    sk := os.Getenv("CLOUD_SDK_SK")

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
        WithSk(sk).
        Build()

    client := codeartsartifact.NewCodeArtsArtifactClient(
        codeartsartifact.CodeArtsArtifactClientBuilder().
            WithRegion(region.ValueOf("<YOUR REGION>")).
            WithCredential(auth).
            Build())

    request := &model.ResetUserPasswordRequest{}
    response, err := client.ResetUserPassword(request)
    if err == nil {
        fmt.Printf("%+v\n", response)
    } else {
        fmt.Println(err)
    }
}
```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.8 仓库详情

4.8.1 查询仓库详情，不会去统计仓库下的制品数量

功能介绍

查询仓库详情，不会去统计仓库下的制品数量

调用方法

请参见[如何调用API](#)。

URI

GET /cloudartifact/v5/{tenant_id}/{project_id}/repositories

表 4-51 路径参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|------------|------|--------|---|
| tenant_id | 是 | String | 参数解释： 租户ID。 约束限制： 必传。 取值范围： 字符串长度不少于1。 默认取值：不涉及。 |
| project_id | 是 | String | 参数解释： 项目ID，对应"需求管理 CodeArts Req"项目唯一标识，私有依赖库首页地址栏url https://{host}/cloudartifact/project/{project_id}/repository 中project_id变量的值。 约束限制： 必传。 取值范围： 字符串长度32。 默认取值：不涉及。 |

表 4-52 Query 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|-----------|------|---------|---|
| group_id | 否 | String | 参数解释： 用户组ID。 约束限制： 不涉及。 取值范围： 不涉及。 默认取值： 不涉及。 |
| page_no | 否 | Integer | 参数解释： 查询获取仓库列表分页数量。 约束限制： 不涉及。 取值范围： 1~100000000。 默认取值： 1。 |
| page_size | 否 | Integer | 参数解释： 查询获取仓库列表分页后每一页展示的仓库数量。 约束限制： 不涉及。 取值范围： 1~100。 默认取值： 10。 |
| sort | 否 | String | 参数解释： 排序类型。 约束限制： 不涉及。 取值范围： 不涉及。 默认取值： 不涉及。 |

| 参数 | 是否必选 | 参数类型 | 描述 |
|--------|------|--------|--|
| qname | 否 | String | 参数解释： 查询内容。 约束限制： 不涉及。 取值范围： 不涉及。 默认取值： 不涉及。 |
| type | 否 | String | 参数解释： 仓库类型。 约束限制： 不涉及。 取值范围： hosted, local, virtual, remote, proxy。 默认取值： 不涉及。 |
| format | 否 | String | 参数解释： 仓库格式。比如：maven2, docker, conan, debian, go 等。只能指定某一种格式。 约束限制： 不涉及。 取值范围： maven2, docker, conan, debian, go, nuget, rpm, pypi, npm, cocoapods, generic。 默认取值： 不涉及。 |

| 参数 | 是否必选 | 参数类型 | 描述 |
|--------------------|------|---------|--|
| format_list | 否 | String | <p>参数解释： 仓库格式列表。可以指定多种格式，格式之间用逗号分隔。</p> <p>约束限制： 不涉及。</p> <p>取值范围： maven2, docker, conan, debian, go, nuget, rpm, pypi, npm, cocoapods, generic。</p> <p>默认取值： 不涉及。</p> |
| is_recycle_bin | 否 | Boolean | <p>参数解释： 是否是回收站仓库。</p> <p>约束限制： 不涉及。</p> <p>取值范围： true: 查询回收站中仓库 false: 查询活跃状态仓库</p> <p>默认取值： 不涉及。</p> |
| is_need_pagination | 否 | Boolean | <p>参数解释： 是否需要分页</p> <p>约束限制： 不涉及。</p> <p>取值范围： true: 需要分页 false: 不分页</p> <p>默认取值： 不涉及。</p> |
| in_project | 否 | Boolean | <p>是否在项目中。</p> <p>约束限制： 不涉及。</p> <p>取值范围： true: 项目中 false: 不在项目中</p> <p>默认取值： 不涉及。</p> |

请求参数

无

响应参数

状态码： 200

表 4-53 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

查询仓库详情，不会去统计仓库下的制品数量

```
https://artifact.cn-south-1.myhuaweicloud.com/  
cloudartifact/v5/00000000000000000000000000000000/00000000000000000000000000000000/  
repositories?  
in_project=true&format=&page_no=1&page_size=2&qname=&format_list=maven2,npm,go,pypi,rpm,debian,c  
onan,nuget,docker&is_need_paging=true
```

响应示例

状态码： 200

OK

```
{  
  "status": "success",  
  "trace_id": "143006-1701221592150-283",  
  "result": {  
    "total": 183,  
    "repositories": [ {  
      "id": null,  
      "name": "cn-north-7_5a775fdcb14f4431b6c0015618140bc3_conan_5",  
      "description": "1,0",  
      "createdTime": "2022-08-22 17:14:55",  
      "createdUserId": "e9253deb37654775bb3c411aca89153a",  
      "createdUserName": "devcloud_devcloud_y00226182_01",  
      "modifiedTime": "2023-10-16 20:05:59",  
      "modifiedUserId": "e9253deb37654775bb3c411aca89153a",  
      "modifiedUserName": "devcloud_devcloud_y00226182_01",  
      "format": "conan",  
      "repoType": "hosted",  
      "includesPattern": "**/*",  
      "url": "https://devrepo.devcloud.cn-north-7.ulanqab.huawei.com/artgalaxy/api/conan/cn-  
north-7_5a775fdcb14f4431b6c0015618140bc3_conan_5/",  
      "storageSummaryInfo": null,  
      "projectId": null,  
      "shareRight": null,  
      "deploymentPolicy": null,  
      "repositoryName": "5465653",  
      "displayName": null,  
      "policy": null,  
    }  
  ]  
}
```

```
"tabId" : null,
"status" : "active",
"domainId" : "5a775fdb14f4431b6c0015618140bc3",
"region" : "cn-north-7",
"uri" : null,
"disable" : false,
"packageType" : "conan"
}, {
  "id" : null,
  "name" : "cn-north-7_5a775fdb14f4431b6c0015618140bc3_conan_6",
  "description" : "",
  "createTime" : "2022-08-22 17:21:15",
  "createdUserId" : "e9253deb37654775bb3c411aca89153a",
  "createdUserName" : "devcloud_devcloud_y00226182_01",
  "modifiedTime" : "2023-10-16 20:05:59",
  "modifiedUserId" : null,
  "modifiedUserName" : "devcloud_devcloud_y00226182_01",
  "format" : "conan",
  "repoType" : "hosted",
  "includesPattern" : "**/*",
  "url" : "https://devrepo.devcloud.cn-north-7.ulanhqab.huawei.com/artgalaxy/api/conan/cn-north-7_5a775fdb14f4431b6c0015618140bc3_conan_6/",
  "storageSummaryInfo" : null,
  "projectId" : null,
  "shareRight" : null,
  "deploymentPolicy" : null,
  "repositoryName" : "12321",
  "displayName" : null,
  "policy" : null,
  "tabId" : null,
  "status" : "active",
  "domainId" : "5a775fdb14f4431b6c0015618140bc3",
  "region" : "cn-north-7",
  "uri" : null,
  "disable" : false,
  "packageType" : "conan"
}]
}
}
```

SDK 代码示例

SDK代码示例如下。

Java

```
package com.huaweicloud.sdk.test;

import com.huaweicloud.sdk.core.auth.ICredential;
import com.huaweicloud.sdk.core.auth.BasicCredentials;
import com.huaweicloud.sdk.core.exception.ConnectionException;
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;
import com.huaweicloud.sdk.core.exception.ServiceResponseException;
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;
import com.huaweicloud.sdk.codeartsartifact.v2.*;
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;

public class ListAllRepositoriesSolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or
        // environment variables and decrypted during use to ensure security.
        // In this example, AK and SK are stored in environment variables for authentication. Before running
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
        String ak = System.getenv("CLOUD_SDK_AK");
        String sk = System.getenv("CLOUD_SDK_SK");
    }
}
```

```
ICredential auth = new BasicCredentials()
    .withAk(ak)
    .withSk(sk);

CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
    .withCredential(auth)
    .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
    .build();
ListAllRepositoriesRequest request = new ListAllRepositoriesRequest();
request.withTenantId("{tenant_id}");
request.withProjectId("{project_id}");
try {
    ListAllRepositoriesResponse response = client.listAllRepositories(request);
    System.out.println(response.toString());
} catch (ConnectionException e) {
    e.printStackTrace();
} catch (RequestTimeoutException e) {
    e.printStackTrace();
} catch (ServiceResponseException e) {
    e.printStackTrace();
    System.out.println(e.getStatusCode());
    System.out.println(e.getRequestId());
    System.out.println(e.getErrorCode());
    System.out.println(e.getErrorMsg());
}
}
```

Python

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.environ["CLOUD_SDK_AK"]
    sk = os.environ["CLOUD_SDK_SK"]

    credentials = BasicCredentials(ak, sk)

    client = CodeArtsArtifactClient.new_builder() \
        .with_credentials(credentials) \
        .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
        .build()

    try:
        request = ListAllRepositoriesRequest()
        request.tenant_id = "{tenant_id}"
        request.project_id = "{project_id}"
        response = client.list_all_repositories(request)
        print(response)
    except exceptions.ClientRequestException as e:
        print(e.status_code)
        print(e.request_id)
        print(e.error_code)
        print(e.error_msg)
```


Go

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    // risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    // variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    // example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
    sk := os.Getenv("CLOUD_SDK_SK")

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
        WithSk(sk).
        Build()

    client := codeartsartifact.NewCodeArtsArtifactClient(
        codeartsartifact.CodeArtsArtifactClientBuilder().
            WithRegion(region.ValueOf("<YOUR REGION>")).
            WithCredential(auth).
            Build())

    request := &model.ListAllRepositoriesRequest{}
    request.TenantId = "{tenant_id}"
    request.ProjectId = "{project_id}"
    response, err := client.ListAllRepositories(request)
    if err == nil {
        fmt.Printf("%+v\n", response)
    } else {
        fmt.Println(err)
    }
}
```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.8.2 查询单个仓库详细信息，会去统计仓库下的制品数量

功能介绍

查询单个仓库详细信息，会去统计仓库下的制品数量

调用方法

请参见[如何调用API](#)。

URI

GET /cloudartifact/v5/{tenant_id}/{project_id}/{repo_id}/repositories

表 4-54 路径参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|------------|------|--------|------|
| tenant_id | 是 | String | 租户id |
| project_id | 是 | String | 项目id |
| repo_id | 是 | String | 仓库id |

表 4-55 Query 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|--------|------|--------|-----|
| region | 是 | String | 服务区 |

请求参数

无

响应参数

状态码： 200

表 4-56 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

查询单个仓库详细信息，会去统计仓库下的制品数量

```
https://artifact.cn-south-1.myhuaweicloud.com/  
cloudartifact/v5/5a775fdb14f4431b6c0015618140bc3/035a1e9da3074adfb57acd1da494d736/cn-  
north-7_5a775fdb14f4431b6c0015618140bc3_conan_8/repositories?region=cn-north-7
```

响应示例

状态码： 200

OK

```
{  
  "status": "success",  
  "trace_id": "143002-1701221877267-423",  
  "result": {  
    "id": null,  
    "name": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_conan_8",  
    "description": "",  
    "createTime": "2023-10-27 15:48:54",  
    "createdUserId": "e9253deb37654775bb3c411aca89153a",  
    "createdUserName": "devcloud_devcloud_y00226182_01",  
    "modifiedTime": "2023-11-02 20:08:14",  
    "modifiedUserId": "e9253deb37654775bb3c411aca89153a",  
    "modifiedUserName": "devcloud_devcloud_y00226182_01",  
    "format": "conan",  
    "repoType": "hosted",  
    "includesPattern": "**/*",  
    "url": null,  
    "storageSummaryInfo": {  
      "filesCount": 0,  
      "usedSpace": "0 MB"  
    },  
    "projectId": "035a1e9da3074adfb57acd1da494d736",  
    "shareRight": "PROJECT",  
    "deploymentPolicy": null,  
    "repositoryName": "conan7",  
    "displayName": null,  
    "policy": null,  
    "tabId": null,  
    "status": "active",  
    "domainId": "5a775fdb14f4431b6c0015618140bc3",  
    "region": "cn-north-7",  
    "uri": null,  
    "disable": false,  
    "packageType": "conan"  
  }  
}
```

SDK 代码示例

SDK代码示例如下。

Java

```
package com.huaweicloud.sdk.test;  
  
import com.huaweicloud.sdk.core.auth.ICredential;  
import com.huaweicloud.sdk.core.auth.BasicCredentials;  
import com.huaweicloud.sdk.core.exception.ConnectionException;  
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;  
import com.huaweicloud.sdk.core.exception.ServiceResponseException;  
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;  
import com.huaweicloud.sdk.codeartsartifact.v2.*;
```

```
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;

public class ShowRepositorySolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or
        // environment variables and decrypted during use to ensure security.
        // In this example, AK and SK are stored in environment variables for authentication. Before running
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
        String ak = System.getenv("CLOUD_SDK_AK");
        String sk = System.getenv("CLOUD_SDK_SK");

        ICredential auth = new BasicCredentials()
            .withAk(ak)
            .withSk(sk);

        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
            .withCredential(auth)
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
            .build();
        ShowRepositoryRequest request = new ShowRepositoryRequest();
        request.withTenantId("{tenant_id}");
        request.withProjectId("{project_id}");
        request.withRepoId("{repo_id}");
        try {
            ShowRepositoryResponse response = client.showRepository(request);
            System.out.println(response.toString());
        } catch (ConnectionException e) {
            e.printStackTrace();
        } catch (RequestTimeoutException e) {
            e.printStackTrace();
        } catch (ServiceResponseException e) {
            e.printStackTrace();
            System.out.println(e.getHttpStatusCode());
            System.out.println(e.getRequestId());
            System.out.println(e.getErrorCode());
            System.out.println(e.getErrorMsg());
        }
    }
}
```

Python

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    # variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    # example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.getenv("CLOUD_SDK_AK")
    sk = os.getenv("CLOUD_SDK_SK")

    credentials = BasicCredentials(ak, sk)

    client = CodeArtsArtifactClient.new_builder() \
        .with_credentials(credentials) \
        .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
        .build()
```

```
try:
    request = ShowRepositoryRequest()
    request.tenant_id = "{tenant_id}"
    request.project_id = "{project_id}"
    request.repo_id = "{repo_id}"
    response = client.show_repository(request)
    print(response)
except exceptions.ClientRequestException as e:
    print(e.status_code)
    print(e.request_id)
    print(e.error_code)
    print(e.error_msg)
```

Go

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    // risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    // variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    // example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
    sk := os.Getenv("CLOUD_SDK_SK")

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
        WithSk(sk).
        Build()

    client := codeartsartifact.NewCodeArtsArtifactClient(
        codeartsartifact.CodeArtsArtifactClientBuilder().
            WithRegion(region.ValueOf("<YOUR REGION>")).
            WithCredential(auth).
            Build())

    request := &model.ShowRepositoryRequest{}
    request.TenantId = "{tenant_id}"
    request.ProjectId = "{project_id}"
    request.RepoId = "{repo_id}"
    response, err := client.ShowRepository(request)
    if err == nil {
        fmt.Printf("%+v\n", response)
    } else {
        fmt.Println(err)
    }
}
```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.8.3 查询存储容量趋势

功能介绍

查询存储容量趋势

调用方法

请参见[如何调用API](#)。

URI

GET /cloudartifact/v5/{tenant_id}/{project_id}/storageinfo/statistic

表 4-57 路径参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|------------|------|--------|------|
| tenant_id | 是 | String | 租户id |
| project_id | 是 | String | 项目id |

表 4-58 Query 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|-------------|------|--------|------|
| repo | 否 | String | 仓库id |
| start_time | 否 | String | 起始时间 |
| end_time | 否 | String | 终止时间 |
| instance_id | 否 | String | 实例id |

请求参数

无

响应参数

状态码： 200

表 4-59 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|------------------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Array of objects | 请求返回结果，接口不同，返回不同 |

请求示例

查询存储容量趋势

```
https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/00000000000000000000000000000000/00000000000000000000000000000000/storageinfo/statistic?start_time=2023-11-22&end_time=2023-11-28&repo=cn-north-7_5a775fdbcb14f4431b6c0015618140bc3_maven_1_108
```

响应示例

状态码： 200

OK

```
{
  "status": "success",
  "trace_id": "143006-1701222420819-287",
  "result": [ {
    "filesCount": 2,
    "usedSpaceLength": 1034390,
    "usedSpace": "1,010.15 KB",
    "summaryDate": "2023-11-22",
    "foldersCount": null,
    "itemsCount": null
  }, {
    "filesCount": 2,
    "usedSpaceLength": 1034390,
    "usedSpace": "1,010.15 KB",
    "summaryDate": "2023-11-23",
    "foldersCount": null,
    "itemsCount": null
  }, {
    "filesCount": 2,
    "usedSpaceLength": 1034390,
    "usedSpace": "1,010.15 KB",
    "summaryDate": "2023-11-24",
    "foldersCount": null,
    "itemsCount": null
  }, {
    "filesCount": 2,
    "usedSpaceLength": 1034390,
    "usedSpace": "1,010.15 KB",
    "summaryDate": "2023-11-25",
    "foldersCount": null,
    "itemsCount": null
  }, {

```

```

"filesCount" : 2,
"usedSpaceLength" : 1034390,
"usedSpace" : "1,010.15 KB",
"summaryDate" : "2023-11-26",
"foldersCount" : null,
"itemsCount" : null
}, {
"filesCount" : 4,
"usedSpaceLength" : 2068780,
"usedSpace" : "1.97 MB",
"summaryDate" : "2023-11-27",
"foldersCount" : null,
"itemsCount" : null
}, {
"filesCount" : 0,
"usedSpaceLength" : 0,
"usedSpace" : "",
"summaryDate" : "2023-11-28",
"foldersCount" : null,
"itemsCount" : null
}
}
}

```

SDK 代码示例

SDK代码示例如下。

Java

```

package com.huaweicloud.sdk.test;

import com.huaweicloud.sdk.core.auth.ICredential;
import com.huaweicloud.sdk.core.auth.BasicCredentials;
import com.huaweicloud.sdk.core.exception.ConnectionException;
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;
import com.huaweicloud.sdk.core.exception.ServiceResponseException;
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;
import com.huaweicloud.sdk.codeartsartifact.v2.*;
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;

public class ListArtifactoryStorageStatisticSolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or
        // environment variables and decrypted during use to ensure security.
        // In this example, AK and SK are stored in environment variables for authentication. Before running
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
        String ak = System.getenv("CLOUD_SDK_AK");
        String sk = System.getenv("CLOUD_SDK_SK");

        ICredential auth = new BasicCredentials()
            .withAk(ak)
            .withSk(sk);

        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
            .withCredential(auth)
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
            .build();
        ListArtifactoryStorageStatisticRequest request = new ListArtifactoryStorageStatisticRequest();
        request.withTenantId("{tenant_id}");
        request.withProjectId("{project_id}");
        try {
            ListArtifactoryStorageStatisticResponse response = client.listArtifactoryStorageStatistic(request);
            System.out.println(response.toString());
        } catch (ConnectionException e) {
            e.printStackTrace();
        }
    }
}

```



```
    } catch (RequestTimeoutException e) {
        e.printStackTrace();
    } catch (ServiceResponseException e) {
        e.printStackTrace();
        System.out.println(e.getHttpStatusCode());
        System.out.println(e.getRequestId());
        System.out.println(e.getErrorCode());
        System.out.println(e.getErrorMsg());
    }
}
}
```

Python

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    # variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    # example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.environ["CLOUD_SDK_AK"]
    sk = os.environ["CLOUD_SDK_SK"]

    credentials = BasicCredentials(ak, sk)

    client = CodeArtsArtifactClient.new_builder() \
        .with_credentials(credentials) \
        .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
        .build()

    try:
        request = ListArtifactoryStorageStatisticRequest()
        request.tenant_id = "{tenant_id}"
        request.project_id = "{project_id}"
        response = client.list_artifactory_storage_statistic(request)
        print(response)
    except exceptions.ClientRequestException as e:
        print(e.status_code)
        print(e.request_id)
        print(e.error_code)
        print(e.error_msg)
```

Go

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    // risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    // variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    // example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
```

```
sk := os.Getenv("CLOUD_SDK_SK")

auth := basic.NewCredentialsBuilder().
    WithAk(ak).
    WithSk(sk).
    Build()

client := codeartsartifact.NewCodeArtsArtifactClient(
    codeartsartifact.CodeArtsArtifactClientBuilder().
        WithRegion(region.ValueOf("<YOUR REGION>")).
        WithCredential(auth).
        Build())

request := &model.ListArtifactoryStorageStatisticRequest{}
request.TenantId = "{tenant_id}"
request.ProjectId = "{project_id}"
response, err := client.ListArtifactoryStorageStatistic(request)
if err == nil {
    fmt.Printf("%+v\n", response)
} else {
    fmt.Println(err)
}
}
```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.9 审计日志

4.9.1 查询仓库或文件的审计日志信息

功能介绍

查询仓库或文件的审计日志信息

调用方法

请参见[如何调用API](#)。

URI

GET /cloudartifact/v5/{tenant_id}/{project_id}/{module}/{repo}/audit

表 4-60 路径参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|------------|------|--------|------|
| tenant_id | 是 | String | 租户id |
| project_id | 是 | String | 项目id |
| module | 是 | String | 模块 |
| repo | 是 | String | 仓库id |

表 4-61 Query 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|-------------|------|---------|------|
| user_id | 否 | String | 用户id |
| instance_id | 否 | String | 实例id |
| page_num | 否 | Integer | 页码 |
| page_size | 否 | Integer | 每页大小 |

请求参数

无

响应参数

状态码： 200

表 4-62 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

查询仓库或文件的审计日志信息

```
https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/00000000000000000000000000000000/00000000000000000000000000000000/file/cn-north-7_5a775fdcb14f4431b6c0015618140bc3_maven_1_108/audit?page_num=1&page_size=5
```

响应示例

状态码： 200

OK

```
{
  "status": "success",
  "trace_id": "143002-1701222589443-431",
  "result": {
    "auditInfoList": [ {
      "id": "2271182",
      "module": "file",
      "operation": "upload",
      "time": "2023/10/27 15:46:19",
      "info": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_1_108",
      "data": "1/1/1/1-1.jar",
      "reason": null,
      "userAgent": "Apache-HttpClient/4.5.13 (Java/1.8.0_232)",
      "operator": "devcloud_devcloud_y00226182_01",
      "ipSource": "10.172.180.79"
    } ],
    "total": 1
  }
}
```

SDK 代码示例

SDK代码示例如下。

Java

```
package com.huaweicloud.sdk.test;

import com.huaweicloud.sdk.core.auth.ICredential;
import com.huaweicloud.sdk.core.auth.BasicCredentials;
import com.huaweicloud.sdk.core.exception.ConnectionException;
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;
import com.huaweicloud.sdk.core.exception.ServiceResponseException;
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;
import com.huaweicloud.sdk.codeartsartifact.v2.*;
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;

public class ShowAuditSolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or
        // environment variables and decrypted during use to ensure security.
        // In this example, AK and SK are stored in environment variables for authentication. Before running
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
        String ak = System.getenv("CLOUD_SDK_AK");
        String sk = System.getenv("CLOUD_SDK_SK");

        ICredential auth = new BasicCredentials()
            .withAk(ak)
            .withSk(sk);

        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
            .withCredential(auth)
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
            .build();
        ShowAuditRequest request = new ShowAuditRequest();
        request.withTenantId("{tenant_id}");
        request.withProjectId("{project_id}");
        request.withModule("{module}");
    }
}
```

```
request.withRepo("{repo}");
try {
    ShowAuditResponse response = client.showAudit(request);
    System.out.println(response.toString());
} catch (ConnectionException e) {
    e.printStackTrace();
} catch (RequestTimeoutException e) {
    e.printStackTrace();
} catch (ServiceResponseException e) {
    e.printStackTrace();
    System.out.println(e.getHttpStatusCode());
    System.out.println(e.getRequestId());
    System.out.println(e.getErrorCode());
    System.out.println(e.getErrorMsg());
}
}
```

Python

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    # variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    # example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.environ["CLOUD_SDK_AK"]
    sk = os.environ["CLOUD_SDK_SK"]

    credentials = BasicCredentials(ak, sk)

    client = CodeArtsArtifactClient.new_builder() \
        .with_credentials(credentials) \
        .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
        .build()

    try:
        request = ShowAuditRequest()
        request.tenant_id = "{tenant_id}"
        request.project_id = "{project_id}"
        request.module = "{module}"
        request.repo = "{repo}"
        response = client.show_audit(request)
        print(response)
    except exceptions.ClientRequestException as e:
        print(e.status_code)
        print(e.request_id)
        print(e.error_code)
        print(e.error_msg)
```

Go

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)
```

```
func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    // risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    // variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    // example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
    sk := os.Getenv("CLOUD_SDK_SK")

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
        WithSk(sk).
        Build()

    client := codeartsartifact.NewCodeArtsArtifactClient(
        codeartsartifact.CodeArtsArtifactClientBuilder().
            WithRegion(region.ValueOf("<YOUR REGION>")).
            WithCredential(auth).
            Build())

    request := &model.ShowAuditRequest{}
    request.TenantId = "{tenant_id}"
    request.ProjectId = "{project_id}"
    request.Module = "{module}"
    request.Repo = "{repo}"
    response, err := client.ShowAudit(request)
    if err == nil {
        fmt.Printf("%+v\n", response)
    } else {
        fmt.Println(err)
    }
}
```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.10 关注

4.10.1 关注组件/取消关注组件

功能介绍

关注组件/取消关注组件

调用方法

请参见[如何调用API](#)。

URI

POST /cloudartifact/v5/attention

请求参数

表 4-63 请求 Body 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|-----------|------|------------------|---------|
| attention | 是 | String | 关注/取消关注 |
| ids | 是 | Array of strings | 组件id列表 |
| format | 否 | String | 格式 |

响应参数

状态码： 200

表 4-64 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

关注组件/取消关注组件

```
https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/attention
```

```
{
  "format": "npm",
  "attention": "0",
  "ids": [ "cn-north-7_5a775fdcb14f4431b6c0015618140bc3_maven_1_108/1/1/1/1-1.jar" ]
}
```

响应示例

状态码： 200

OK

```
{
  "status": "success",
}
```

```
"trace_id" : "143002-1701222737501-435",  
"result" : null  
}
```

SDK 代码示例

SDK代码示例如下。

Java

关注组件/取消关注组件

```
package com.huaweicloud.sdk.test;  
  
import com.huaweicloud.sdk.core.auth.ICredential;  
import com.huaweicloud.sdk.core.auth.BasicCredentials;  
import com.huaweicloud.sdk.core.exception.ConnectionException;  
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;  
import com.huaweicloud.sdk.core.exception.ServiceResponseException;  
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;  
import com.huaweicloud.sdk.codeartsartifact.v2.*;  
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;  
  
import java.util.List;  
import java.util.ArrayList;  
  
public class CreateAttentionSolution {  
  
    public static void main(String[] args) {  
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great  
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or  
        // environment variables and decrypted during use to ensure security.  
        // In this example, AK and SK are stored in environment variables for authentication. Before running  
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment  
        String ak = System.getenv("CLOUD_SDK_AK");  
        String sk = System.getenv("CLOUD_SDK_SK");  
  
        ICredential auth = new BasicCredentials()  
            .withAk(ak)  
            .withSk(sk);  
  
        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()  
            .withCredential(auth)  
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))  
            .build();  
  
        CreateAttentionRequest request = new CreateAttentionRequest();  
        AttentionDO body = new AttentionDO();  
        List<String> listbodyIds = new ArrayList<>();  
        listbodyIds.add("cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_1_108/1/1/1-1-1.jar");  
        body.withFormat("npm");  
        body.withIds(listbodyIds);  
        body.withAttention("0");  
        request.withBody(body);  
        try {  
            CreateAttentionResponse response = client.createAttention(request);  
            System.out.println(response.toString());  
        } catch (ConnectionException e) {  
            e.printStackTrace();  
        } catch (RequestTimeoutException e) {  
            e.printStackTrace();  
        } catch (ServiceResponseException e) {  
            e.printStackTrace();  
            System.out.println(e.getStatusCode());  
            System.out.println(e.getRequestId());  
            System.out.println(e.getErrorCode());  
            System.out.println(e.getErrorMsg());  
        }  
    }  
}
```



```
}  
}
```

Python

关注组件/取消关注组件

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    # variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    # example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.environ["CLOUD_SDK_AK"]
    sk = os.environ["CLOUD_SDK_SK"]

    credentials = BasicCredentials(ak, sk)

    client = CodeArtsArtifactClient.new_builder() \
        .with_credentials(credentials) \
        .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
        .build()

    try:
        request = CreateAttentionRequest()
        listIdsbody = [
            "cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_1_108/1/1/1-1-1.jar"
        ]
        request.body = AttentionDO(
            format="npm",
            ids=listIdsbody,
            attention="0"
        )
        response = client.create_attention(request)
        print(response)
    except exceptions.ClientRequestException as e:
        print(e.status_code)
        print(e.request_id)
        print(e.error_code)
        print(e.error_msg)
```

Go

关注组件/取消关注组件

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    // risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    // variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
```

```
example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
ak := os.Getenv("CLOUD_SDK_AK")
sk := os.Getenv("CLOUD_SDK_SK")

auth := basic.NewCredentialsBuilder().
    WithAk(ak).
    WithSk(sk).
    Build()

client := codeartsartifact.NewCodeArtsArtifactClient(
    codeartsartifact.CodeArtsArtifactClientBuilder().
        WithRegion(region.ValueOf("<YOUR REGION>")).
        WithCredential(auth).
        Build())

request := &model.CreateAttentionRequest{}
var listIdsbody = []string{
    "cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_1_108/1/1/1-1-1.jar",
}
formatAttentionDo:= "npm"
request.Body = &model.AttentionDo{
    Format: &formatAttentionDo,
    Ids: listIdsbody,
    Attention: "0",
}
response, err := client.CreateAttention(request)
if err == nil {
    fmt.Printf("%+v\n", response)
} else {
    fmt.Println(err)
}
}
```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.10.2 查询关注列表

功能介绍

查询关注列表

调用方法

请参见[如何调用API](#)。

URI

GET /cloudartifact/v5/attention/artifacts

表 4-65 Query 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|------------|------|---------|---|
| page_no | 否 | Integer | 参数解释: 页码 约束限制: 不涉及 取值范围: 最小值1 默认取值: 默认值1 |
| page_size | 否 | Integer | 参数解释: 每页大小 约束限制: 不涉及 取值范围: 最小值1, 最大值100 默认取值: 默认值10 |
| project_id | 否 | String | 参数解释: 项目id, 对应"需求管理 CodeArts Req"项目唯一标识, 私有依赖库首页地址栏url https://{host}/cloudartifact/project/{project_id}/repository 中project_id变量的值 约束限制: 不涉及 取值范围: 只能使用小写英文字符及数字, 字符串长度为32位 默认取值: 不涉及 |

请求参数

无

响应参数

状态码： 200

表 4-66 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

查询关注列表

```
https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/attention/artifacts?
page_size=10&page_no=1&project_id=035a1e9da3074adfb57acd1da494d736
```

响应示例

状态码： 200

OK

```
{
  "status": "success",
  "trace_id": "143006-1701222864960-289",
  "result": {
    "data": [ {
      "id": "43e78ea4903d468db517e069ab91ce1c",
      "domainId": "5a775fdcb14f4431b6c0015618140bc3",
      "repositoryId": "cn-north-7_5a775fdcb14f4431b6c0015618140bc3_maven_1_108",
      "repositoryName": "maven1",
      "format": "maven2",
      "policy": "release",
      "artifactId": "cn-north-7_5a775fdcb14f4431b6c0015618140bc3_maven_1_108/1/1/1-1-1.jar",
      "path": "cn-north-7_5a775fdcb14f4431b6c0015618140bc3_maven_1_108/1/1/1-1-1.jar",
      "modifiedUserName": "devcloud_devcloud_y00226182_01",
      "modifiedUserId": "e9253deb37654775bb3c411aca89153a",
      "userId": null,
      "modifiedTime": "2023-11-29 09:54:22",
      "region": "cn-north-7"
    } ],
    "totalRecords": 1,
    "totalPages": 1
  }
}
```

SDK 代码示例

SDK代码示例如下。

Java

```
package com.huaweicloud.sdk.test;

import com.huaweicloud.sdk.core.auth.ICredential;
```

```
import com.huaweicloud.sdk.core.auth.BasicCredentials;
import com.huaweicloud.sdk.core.exception.ConnectionException;
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;
import com.huaweicloud.sdk.core.exception.ServiceResponseException;
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;
import com.huaweicloud.sdk.codeartsartifact.v2.*;
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;

public class ListAttentionsSolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or
        // environment variables and decrypted during use to ensure security.
        // In this example, AK and SK are stored in environment variables for authentication. Before running
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
        String ak = System.getenv("CLOUD_SDK_AK");
        String sk = System.getenv("CLOUD_SDK_SK");

        ICredential auth = new BasicCredentials()
            .withAk(ak)
            .withSk(sk);

        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
            .withCredential(auth)
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
            .build();
        ListAttentionsRequest request = new ListAttentionsRequest();
        try {
            ListAttentionsResponse response = client.listAttentions(request);
            System.out.println(response.toString());
        } catch (ConnectionException e) {
            e.printStackTrace();
        } catch (RequestTimeoutException e) {
            e.printStackTrace();
        } catch (ServiceResponseException e) {
            e.printStackTrace();
            System.out.println(e.getHttpStatusCode());
            System.out.println(e.getRequestId());
            System.out.println(e.getErrorCode());
            System.out.println(e.getErrorMsg());
        }
    }
}
```

Python

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    # variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    # example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.getenv("CLOUD_SDK_AK")
    sk = os.getenv("CLOUD_SDK_SK")

    credentials = BasicCredentials(ak, sk)

    client = CodeArtsArtifactClient.new_builder() \
        .with_credentials(credentials) \
```

```
.with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
.build()

try:
    request = ListAttentionsRequest()
    response = client.list_attentions(request)
    print(response)
except exceptions.ClientRequestException as e:
    print(e.status_code)
    print(e.request_id)
    print(e.error_code)
    print(e.error_msg)
```

Go

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    // risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    // variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    // example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
    sk := os.Getenv("CLOUD_SDK_SK")

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
        WithSk(sk).
        Build()

    client := codeartsartifact.NewCodeArtsArtifactClient(
        codeartsartifact.CodeArtsArtifactClientBuilder().
            WithRegion(region.ValueOf("<YOUR REGION>")).
            WithCredential(auth).
            Build())

    request := &model.ListAttentionsRequest{}
    response, err := client.ListAttentions(request)
    if err == nil {
        fmt.Printf("%+v\n", response)
    } else {
        fmt.Println(err)
    }
}
```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.11 文件管理

4.11.1 查询仓库文件夹目录

功能介绍

查询仓库文件夹目录

调用方法

请参见[如何调用API](#)。

URI

GET /cloudartifact/v5/{tenant_id}/{project_id}/{repo_name}/file-tree

表 4-67 路径参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|------------|------|--------|--|
| tenant_id | 是 | String | 参数解释： 租户id。 约束限制： 不涉及。 取值范围： 字符串长度不小于1。 默认取值： 不涉及。 |
| project_id | 是 | String | 参数解释： 项目ID，对应"需求管理 CodeArts Req"项目唯一标识， 私有依赖库首页地址栏url https://{host}/cloudartifact/ project/{project_id}/repository 中project_id变量的值。 约束限制： 必传。 取值范围： 字符串长度32。 默认取值： 不涉及。 |

| 参数 | 是否必选 | 参数类型 | 描述 |
|-----------|------|--------|---|
| repo_name | 是 | String | 参数解释： 仓库名称。 约束限制： 不涉及。 取值范围： 不涉及。 默认取值： 不涉及。 |

表 4-68 Query 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|----------------|------|---------|--|
| path | 是 | String | 参数解释： 仓库路径。 约束限制： 必传。 取值范围： 不涉及。 默认取值： 不涉及。 |
| instance_id | 否 | String | 参数解释： 实例id。 约束限制： 当前未使用该参数。 取值范围： 不涉及。 默认取值： 不涉及。 |
| is_recycle_bin | 否 | Boolean | 参数解释： 是否回收站文件。 约束限制： 不涉及。 取值范围： true: 查询仓库回收站列表 false: 查询仓库目录列表 默认取值： 不涉及。 |

请求参数

无

响应参数

状态码： 200

表 4-69 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

查询仓库文件夹目录

```
https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/00000000000000000000000000000000/11111111111111111111111111111111111111111111/cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_1_108/file-tree?path=/&is_recycle_bin=true
```

响应示例

状态码： 200

OK

```
{
  "status": "success",
  "trace_id": "143002-1701223028671-441",
  "result": {
    "children": [ {
      "name": "1",
      "uri": "https://cloudartifacts-backend.cn-north-7.myhuaweicloud.com/artgalaxy/api/storage/auto-trashcan/cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_1_108/1",
      "path": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_1_108/1",
      "modified": "2023-11-29 09:56:51",
      "folder": true,
      "display_size": null,
      "modified_by": "devcloud_devcloud_y00226182_01",
      "has_child": "true"
    } ],
    "uploadAccess": false,
    "total": 1,
    "uri": "/cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_1_108",
    "created": "2023-11-29T09:56:51.349+08:00"
  }
}
```

SDK 代码示例

SDK代码示例如下。

Java

```
package com.huaweicloud.sdk.test;

import com.huaweicloud.sdk.core.auth.ICredential;
import com.huaweicloud.sdk.core.auth.BasicCredentials;
import com.huaweicloud.sdk.core.exception.ConnectionException;
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;
import com.huaweicloud.sdk.core.exception.ServiceResponseException;
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;
import com.huaweicloud.sdk.codeartsartifact.v2.*;
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;

public class ShowFileTreeSolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or
        // environment variables and decrypted during use to ensure security.
        // In this example, AK and SK are stored in environment variables for authentication. Before running
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
        String ak = System.getenv("CLOUD_SDK_AK");
        String sk = System.getenv("CLOUD_SDK_SK");

        ICredential auth = new BasicCredentials()
            .withAk(ak)
            .withSk(sk);

        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
            .withCredential(auth)
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
            .build();
        ShowFileTreeRequest request = new ShowFileTreeRequest();
        request.withTenantId("{tenant_id}");
        request.withProjectId("{project_id}");
        request.withRepoName("{repo_name}");
        try {
            ShowFileTreeResponse response = client.showFileTree(request);
            System.out.println(response.toString());
        } catch (ConnectionException e) {
            e.printStackTrace();
        } catch (RequestTimeoutException e) {
            e.printStackTrace();
        } catch (ServiceResponseException e) {
            e.printStackTrace();
            System.out.println(e.getHttpStatusCode());
            System.out.println(e.getRequestId());
            System.out.println(e.getErrorCode());
            System.out.println(e.getErrorMsg());
        }
    }
}
```

Python

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    # variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
```

example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment

```
ak = os.environ["CLOUD_SDK_AK"]
sk = os.environ["CLOUD_SDK_SK"]

credentials = BasicCredentials(ak, sk)

client = CodeArtsArtifactClient.new_builder() \
    .with_credentials(credentials) \
    .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
    .build()

try:
    request = ShowFileTreeRequest()
    request.tenant_id = "{tenant_id}"
    request.project_id = "{project_id}"
    request.repo_name = "{repo_name}"
    response = client.show_file_tree(request)
    print(response)
except exceptions.ClientRequestException as e:
    print(e.status_code)
    print(e.request_id)
    print(e.error_code)
    print(e.error_msg)
```

Go

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    // risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    // variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    // example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
    sk := os.Getenv("CLOUD_SDK_SK")

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
        WithSk(sk).
        Build()

    client := codeartsartifact.NewCodeArtsArtifactClient(
        codeartsartifact.CodeArtsArtifactClientBuilder().
            WithRegion(region.ValueOf("<YOUR REGION>")).
            WithCredential(auth).
            Build())

    request := &model.ShowFileTreeRequest{}
    request.TenantId = "{tenant_id}"
    request.ProjectId = "{project_id}"
    request.RepoName = "{repo_name}"
    response, err := client.ShowFileTree(request)
    if err == nil {
        fmt.Printf("%+v\n", response)
    } else {
        fmt.Println(err)
    }
}
```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.11.2 查询仓库文件详情

功能介绍

查询仓库文件详情

调用方法

请参见[如何调用API](#)。

URI

GET /cloudartifact/v5/{tenant_id}/{project_id}/{repo_name}/file-detail

表 4-70 路径参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|-----------|------|--------|--|
| tenant_id | 是 | String | 参数解释： 租户id。 约束限制： 必传。 取值范围： 不涉及。 默认取值： 不涉及。 |

| 参数 | 是否必选 | 参数类型 | 描述 |
|------------|------|--------|--|
| project_id | 是 | String | <p>参数解释： 项目ID，对应"需求管理 CodeArts Req"项目唯一标识，私有依赖库首页地址栏url https://{host}/cloudartifact/project/{project_id}/repository 中project_id变量的值。</p> <p>约束限制： 必传。</p> <p>取值范围： 字符串长度32。</p> <p>默认取值： 不涉及。</p> |
| repo_name | 是 | String | <p>参数解释： 仓库名称。</p> <p>约束限制： 必传。</p> <p>取值范围： 不涉及。</p> <p>默认取值： 不涉及。</p> |

表 4-71 Query 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|------|------|--------|---|
| path | 是 | String | <p>参数解释： 仓库路径。</p> <p>约束限制： 必传。</p> <p>取值范围： 不涉及。</p> <p>默认取值： 不涉及。</p> |

| 参数 | 是否必选 | 参数类型 | 描述 |
|-------------|------|--------|---|
| format | 是 | String | 参数解释： 仓库格式。 约束限制： 必传。 取值范围： maven2, docker, conan, debian, go, nuget, rpm, pypi, npm, cocoapods, generic。 默认取值： 不涉及。 |
| instance_id | 否 | String | 参数解释： 实例id。 约束限制： 当前未使用该参数。 取值范围： 不涉及。 默认取值： 不涉及。 |

请求参数

无

响应参数

状态码： 200

表 4-72 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

查询仓库文件详情

```
https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/00000000000000000000000000000000/11111111111111111111111111111111/cn-
```

```
north-7_5a775fdb14f4431b6c0015618140bc3_go_19/file-detail?path=/up/up/9Hn1036zgQqL4G805Ufb43H4s1t984&format=go
```

响应示例

状态码： 200

OK

```
{
  "status": "success",
  "trace_id": "143002-1701223197469-447",
  "result": {
    "repo": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_19",
    "path": "/up/up/9Hn1036zgQqL4G805Ufb43H4s1t984",
    "name": "9Hn1036zgQqL4G805Ufb43H4s1t984",
    "created": "2023-11-14 19:29:46",
    "createdBy": "devcloud_devcloud_y00226182_01",
    "lastModified": "2023-11-14 19:29:46",
    "lastUpdated": "2023-11-14 19:29:46",
    "modifiedBy": "devcloud_devcloud_y00226182_01",
    "uri": "https://cloudartifacts-backend.cn-north-7.myhuaweicloud.com/artgalaxy/api/storage/cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_19/up/up/9Hn1036zgQqL4G805Ufb43H4s1t984",
    "downloadUri": "https://cloudartifacts-backend.cn-north-7.myhuaweicloud.com/artgalaxy/cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_19/up/up/9Hn1036zgQqL4G805Ufb43H4s1t984",
    "mimeType": null,
    "size": "1056",
    "attention": "0",
    "checksums": {
      "sha512": "86b14ee38fbee9b33184b018dd7740c75acb994292a2f71db7af9952ecb7676fe759cfc3207ab4d5b7f76252c0e3a6683c00e7c0af3cb73282ee05a5441e72c",
      "sha256": "806f31bccdf84d133de1b307834e7f4f07810b4f5204bd449ce088c051513a4",
      "sha1": "20691eee689efdf42e926b52b6f84c51439ab054",
      "md5": "af5b0888060bcdabc8a5440251556461"
    },
    "packageName": null,
    "version": null,
    "groupId": null,
    "artifactId": null,
    "properties": null,
    "downloadInfo": {
      "uri": "https://cloudartifacts-backend.cn-north-7.myhuaweicloud.com/artgalaxy/api/storage/cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_19/up/up/9Hn1036zgQqL4G805Ufb43H4s1t984",
      "downloadCount": 0,
      "lastDownloaded": 0,
      "remoteDownloadCount": 0,
      "remoteLastDownloaded": 0,
      "lastDownloadedBy": ""
    },
    "gavDisplay": {
      "gavInfo": null,
      "configInfo": ""
    },
    "originalChecksums": {},
    "displayName": "go3",
    "display_size": "1.03 KB"
  }
}
```

SDK 代码示例

SDK代码示例如下。

Java

```
package com.huaweicloud.sdk.test;
```

```
import com.huaweicloud.sdk.core.auth.ICredential;
import com.huaweicloud.sdk.core.auth.BasicCredentials;
import com.huaweicloud.sdk.core.exception.ConnectionException;
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;
import com.huaweicloud.sdk.core.exception.ServiceResponseException;
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;
import com.huaweicloud.sdk.codeartsartifact.v2.*;
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;

public class ListArtifactoryComponentSolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or
        // environment variables and decrypted during use to ensure security.
        // In this example, AK and SK are stored in environment variables for authentication. Before running
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
        String ak = System.getenv("CLOUD_SDK_AK");
        String sk = System.getenv("CLOUD_SDK_SK");

        ICredential auth = new BasicCredentials()
            .withAk(ak)
            .withSk(sk);

        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
            .withCredential(auth)
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
            .build();
        ListArtifactoryComponentRequest request = new ListArtifactoryComponentRequest();
        request.withTenantId("{tenant_id}");
        request.withProjectId("{project_id}");
        request.withRepoName("{repo_name}");
        try {
            ListArtifactoryComponentResponse response = client.listArtifactoryComponent(request);
            System.out.println(response.toString());
        } catch (ConnectionException e) {
            e.printStackTrace();
        } catch (RequestTimeoutException e) {
            e.printStackTrace();
        } catch (ServiceResponseException e) {
            e.printStackTrace();
            System.out.println(e.getHttpStatusCode());
            System.out.println(e.getRequestId());
            System.out.println(e.getErrorCode());
            System.out.println(e.getErrorMsg());
        }
    }
}
```

Python

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    # variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    # example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.getenv("CLOUD_SDK_AK")
    sk = os.getenv("CLOUD_SDK_SK")
```



```
credentials = BasicCredentials(ak, sk)

client = CodeArtsArtifactClient.new_builder() \
    .with_credentials(credentials) \
    .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
    .build()

try:
    request = ListArtifactoryComponentRequest()
    request.tenant_id = "{tenant_id}"
    request.project_id = "{project_id}"
    request.repo_name = "{repo_name}"
    response = client.list_artifactory_component(request)
    print(response)
except exceptions.ClientRequestException as e:
    print(e.status_code)
    print(e.request_id)
    print(e.error_code)
    print(e.error_msg)
```

Go

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
    codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
    region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    // risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    // variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    // example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
    sk := os.Getenv("CLOUD_SDK_SK")

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
        WithSk(sk).
        Build()

    client := codeartsartifact.NewCodeArtsArtifactClient(
        codeartsartifact.CodeArtsArtifactClientBuilder().
            WithRegion(region.ValueOf("<YOUR REGION>")).
            WithCredential(auth).
            Build())

    request := &model.ListArtifactoryComponentRequest{}
    request.TenantId = "{tenant_id}"
    request.ProjectId = "{project_id}"
    request.RepoName = "{repo_name}"
    response, err := client.ListArtifactoryComponent(request)
    if err == nil {
        fmt.Printf("%+v\n", response)
    } else {
        fmt.Println(err)
    }
}
```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.11.3 非 maven 删除文件

功能介绍

非maven删除文件

调用方法

请参见[如何调用API](#)。

URI

DELETE /cloudartifact/v5/file

请求参数

表 4-73 请求 Body 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|------|------|--------|------|
| path | 是 | String | 文件路径 |

响应参数

状态码： 200

表 4-74 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

非Maven删除文件

```
https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/file
{
  "path" : "cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_19/down/down/
GOR7zo553IL44I063cdVKui7n58078"
}
```

响应示例

状态码： 200

OK

```
{
  "status" : "success",
  "trace_id" : "143002-1701223356546-449",
  "result" : "delete file success!"
}
```

SDK 代码示例

SDK代码示例如下。

Java

非Maven删除文件

```
package com.huaweicloud.sdk.test;

import com.huaweicloud.sdk.core.auth.ICredential;
import com.huaweicloud.sdk.core.auth.BasicCredentials;
import com.huaweicloud.sdk.core.exception.ConnectionException;
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;
import com.huaweicloud.sdk.core.exception.ServiceResponseException;
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;
import com.huaweicloud.sdk.codeartsartifact.v2.*;
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;

public class DeleteArtifactFileSolution {

    public static void main(String[] args) {
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or
        // environment variables and decrypted during use to ensure security.
        // In this example, AK and SK are stored in environment variables for authentication. Before running
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
        String ak = System.getenv("CLOUD_SDK_AK");
        String sk = System.getenv("CLOUD_SDK_SK");

        ICredential auth = new BasicCredentials()
            .withAk(ak)
            .withSk(sk);

        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
            .withCredential(auth)
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
            .build();
        DeleteArtifactFileRequest request = new DeleteArtifactFileRequest();
        PathMap body = new PathMap();
        body.withPath("cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_19/down/down/
GOR7zo553IL44I063cdVKui7n58078");
```

```
request.withBody(body);
try {
    DeleteArtifactFileResponse response = client.deleteArtifactFile(request);
    System.out.println(response.toString());
} catch (ConnectionException e) {
    e.printStackTrace();
} catch (RequestTimeoutException e) {
    e.printStackTrace();
} catch (ServiceResponseException e) {
    e.printStackTrace();
    System.out.println(e.getHttpStatusCode());
    System.out.println(e.getRequestId());
    System.out.println(e.getErrorCode());
    System.out.println(e.getErrorMsg());
}
}
```

Python

非Maven删除文件

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact_region import CodeArtsArtifactRegion
from huaweicloudsdkcore.exceptions import exceptions
from huaweicloudsdkcodeartsartifact.v2 import *

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    # variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    # example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.environ["CLOUD_SDK_AK"]
    sk = os.environ["CLOUD_SDK_SK"]

    credentials = BasicCredentials(ak, sk)

    client = CodeArtsArtifactClient.new_builder() \
        .with_credentials(credentials) \
        .with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \
        .build()

    try:
        request = DeleteArtifactFileRequest()
        request.body = PathMap(
            path="cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_19/down/down/
GOR7zo553lL44l063cdVKui7n58078"
        )
        response = client.delete_artifact_file(request)
        print(response)
    except exceptions.ClientRequestException as e:
        print(e.status_code)
        print(e.request_id)
        print(e.error_code)
        print(e.error_msg)
```

Go

非Maven删除文件

```
package main

import (
    "fmt"
```

```

"github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
codeartsartifact "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2"
"github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/model"
region "github.com/huaweicloud/huaweicloud-sdk-go-v3/services/codeartsartifact/v2/region"
)

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    variables and decrypted during use to ensure security.
    // In this example, AK and SK are stored in environment variables for authentication. Before running this
    example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak := os.Getenv("CLOUD_SDK_AK")
    sk := os.Getenv("CLOUD_SDK_SK")

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
        WithSk(sk).
        Build()

    client := codeartsartifact.NewCodeArtsArtifactClient(
        codeartsartifact.CodeArtsArtifactClientBuilder().
            WithRegion(region.ValueOf("<YOUR REGION>")).
            WithCredential(auth).
            Build())

    request := &model.DeleteArtifactFileRequest{}
    request.Body = &model.PathMap{
        Path: "cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_19/down/down/
GOR7zo553lL44l063cdVKui7n58078",
    }
    response, err := client.DeleteArtifactFile(request)
    if err == nil {
        fmt.Printf("%+v\n", response)
    } else {
        fmt.Println(err)
    }
}

```

更多

更多编程语言的SDK代码示例，请参见[API Explorer](#)的代码示例页签，可生成自动对应的SDK代码示例。

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.12 发布库套餐查询

4.12.1 获取当前用户的套餐信息

功能介绍

获取当前用户的套餐信息

调用方法

请参见[如何调用API](#)。

URI

GET /devreposerver/v5/data/package

表 4-75 Query 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|------------|------|--------|------|
| project_id | 否 | String | 项目id |

请求参数

无

响应参数

状态码： 200

表 4-76 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

```
https://localhost.com/devreposerver/v5/data/package?project_id=666666af0f00445f85dec483fbc97c78
```

响应示例

状态码： 200

OK

```
{  
  "status": "success",  
  "trace_id": "142838-1718767424403-26988",  
  "result": {
```

```
"needNotice" : true,  
"crossTenant" : false,  
"packageType" : 13,  
"packageStatus" : 1,  
"totalStorage" : "500GB",  
"totalDownloadTraffic" : "100GB",  
"usedStorage" : "46.69GB",  
"monthUsedTraffic" : "361.0B",  
"storagePercent" : 0.09,  
"trafficPercent" : 0,  
"packageDetail" : 0,  
"maxRepoNum" : "Infinity"  
}  
}
```

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.12.2 获取当前用户的套餐状态

功能介绍

获取当前用户的套餐状态

调用方法

请参见[如何调用API](#)。

URI

GET /devreposerver/v5/data/package/info

表 4-77 Query 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|------------|------|--------|------|
| project_id | 否 | String | 项目id |

请求参数

无

响应参数

状态码: 200

表 4-78 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

https://localhost.com/devreposerver/v5/data/package/info?project_id=666666af0f00445f85dec483fbc97c78

响应示例

状态码： 200

OK

```
{
  "status": "success",
  "trace_id": "76629-1718767405716-27335",
  "result": {
    "codeartsStorageExtension": {
      "resourceId": "7590809a5c9d42ae92b49b1190e94666",
      "serviceType": "hws.resource.type.codearts.extension.storage",
      "packageStatus": 2,
      "remainDays": 11,
      "nextActionUrl": "https://localhost.com/usercenter/?region=region&locale=zh-cn#/renewal?subscriptionId=01154-618366699-0&orderId=CS24066664337FWPY&isFrom=expense"
    },
    "codeartsTrafficExtension": {
      "resourceId": "37c9064954924750b2350e2d03e66666",
      "serviceType": "hws.resource.type.codearts.extension.flow",
      "packageStatus": 2,
      "remainDays": 11,
      "nextActionUrl": "https://localhost.com/usercenter/?region=region&locale=zh-cn#/renewal?subscriptionId=01154-618366663-0&orderId=CS24052666637LJS1&isFrom=expense"
    }
  }
}
```

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.13 发布库文件管理

4.13.1 彻底删除文件/文件夹

功能介绍

彻底删除文件/文件夹

调用方法

请参见[如何调用API](#)。

URI

DELETE /devreposerver/v5/files/compelation

请求参数

表 4-79 请求 Header 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|--------------|------|--------|-----------|
| X-Auth-Token | 是 | String | 认证token信息 |

表 4-80 请求 Body 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|--------|------|------------------|----------|
| [数组元素] | 否 | Array of strings | 删除文件id列表 |

响应参数

状态码： 200

表 4-81 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

```
https://localhost.com/devreposerver/v5/files/compelation
```

```
[ "666666af0f00445f85dec483fbc97c78", "6666666efdf244a3abcd53e5b19e86f4", "666666547a54464397b73c7ee1efd124" ]
```

响应示例

状态码: 200

OK

```
{
  "status": "success",
  "trace_id": "76629-1718766450894-27029",
  "result": {
    "reason": [],
    "failed_items": [],
    "success": 3,
    "success_items": [ "666666af0f00445f85dec483fbc97c78", "6666666efdf244a3abcd53e5b19e86f4",
"666666547a54464397b73c7ee1efd124" ],
    "failed": 0
  }
}
```

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.13.2 分页查询构建归档包列表

功能介绍

分页查询构建归档包列表

调用方法

请参见[如何调用API](#)。

URI

GET /devreposerver/v5/files/archives

表 4-82 Query 参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|-----------|------|---------|-------|
| parent_id | 否 | String | 父节点id |
| build_id | 否 | String | 构建id |
| build_no | 否 | String | 构建序号 |
| page_no | 否 | Integer | 页数 |

| 参数 | 是否必选 | 参数类型 | 描述 |
|-------------|------|---------|-------------|
| page_size | 否 | Integer | 每页数据量 |
| repo_branch | 否 | String | codehub仓库分支 |

请求参数

无

响应参数

状态码： 200

表 4-83 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

```
https://localhost.com/devreposerver/v5/files/archives?
build_id=66666603da854239ab51209ea7e27b64&repo_branch=master&parent_id=66666687399849b782b13
c9512fbb3b6
```

响应示例

状态码： 200

OK

```
{
  "status": "success",
  "trace_id": "76629-1718767414372-27337",
  "result": {
    "data": [ {
      "domainId": "09d2ca2f5080d5b60f51c00ae5666666",
      "region": "region",
      "createdTime": "2024-02-27 18:29:19",
      "createdUserId": "09d2ca2ffd00d3c21ff8c00a4d666666",
      "createdUserName": "test-user",
      "buildId": "11236703da854239ab51209ea7666666",
      "buildName": "maven1-23414517",
      "buildNo": "20240227.3",
      "buildVersion": "20240227.3",
      "buildUrl": "https://localhost.com/codeci/project/1bbbdd388234492793eb1bf59e666666/codeci/detail/
workspace/11236703da854239ab51209ea7666666/3",
      "repoUrl": "",
      "repoBranch": "master",
      "commitId": "66666683c1590363818225ec649d7cf161f0d49c",
      "projectId": "1bbbdd388234492793eb1bf59e666666",
      "fileId": "666666f9d76f405a8d503b841de02b51",
```

```

"repoName": "region_1bbbdd388234492793eb1bf59e666666_generic_0",
"parentId": "66666687399849b782b13c9512fbb3b6",
"fileName": "HelloWorld.class",
"size": 534,
"md5": "e06fcae2912a318db12955f37cd9230b",
"sha256": "96f5666537da969efee5f51f2969771b3743ada63fde57e42ad210c116ceedaf",
"downloadUrlWithId": "https://localhost.com/DevRepoServer/v1/files/download?file_id=666666f9d76f405a8d503b841de02b51&type=archive",
"webUrl": "https://localhost.com/cloudartifact/project/1bbbdd388234492793eb1bf59e666666/private/general?parentId=66666687399849b782b13c9512fbb3b6",
"versionEnable": false,
"migratedState": 2,
"repoSameTrashFileName": "trash_e653c9f9d76f405a8d503b841666666"
}],
"totalRecords": 1,
"totalPages": 1
}
}

```

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

4.14 发布库仓库详情

4.14.1 查询项目自动删除任务设置

功能介绍

查询项目自动删除任务设置

调用方法

请参见[如何调用API](#)。

URI

GET /devreposerver/v5/release/{project_id}/auto-deletion/settings

表 4-84 路径参数

| 参数 | 是否必选 | 参数类型 | 描述 |
|------------|------|--------|------|
| project_id | 是 | String | 项目id |

请求参数

无

响应参数

状态码： 200

表 4-85 响应 Body 参数

| 参数 | 参数类型 | 描述 |
|----------|--------|------------------|
| status | String | 结果状态 |
| trace_id | String | 请求id |
| result | Object | 请求返回结果，接口不同，返回不同 |

请求示例

<https://localhost.com/devreposerver/v5/release/6666669620d743eca6a57881a0f006fd/auto-deletion/settings>

响应示例

状态码： 200

OK

```
{
  "status": "success",
  "trace_id": "76629-1718852080645-39",
  "result": {
    "is_schedule_to_trash": true,
    "is_schedule_to_delete": true,
    "file_expire_time": 90,
    "trash_file_expire_time": 66,
    "project_id": "6666669620d743eca6a57881a0f006fd",
    "cleanRule": {
      "skipAutoTrash": {
        "packageCategory": "prod",
        "paths": [ "/a/b/c", "/d/d" ]
      }
    }
  }
}
```

状态码

| 状态码 | 描述 |
|-----|----|
| 200 | OK |

错误码

请参见[错误码](#)。

5 附录

[状态码](#)

[错误码](#)

[获取项目ID](#)

[获取账号ID](#)

5.1 状态码

表 5-1 状态码

| 状态码 | 编码 | 错误码说明 |
|-----|-------------------------------|---|
| 100 | Continue | 继续请求。 这个临时响应用来通知客户端，它的部分请求已经被服务器接收，且仍未被拒绝。 |
| 101 | Switching Protocols | 切换协议。只能切换到更高级的协议。 例如，切换到HTTP的新版本协议。 |
| 201 | Created | 创建类的请求完全成功。 |
| 202 | Accepted | 已经接受请求，但未处理完成。 |
| 203 | Non-Authoritative Information | 非授权信息，请求成功。 |
| 204 | NoContent | 请求完全成功，同时HTTP响应不包含响应体。 在响应OPTIONS方法的HTTP请求时返回此状态码。 |
| 205 | Reset Content | 重置内容，服务器处理成功。 |
| 206 | Partial Content | 服务器成功处理了部分GET请求。 |

| 状态码 | 编码 | 错误码说明 |
|-----|-------------------------------|---|
| 300 | Multiple Choices | 多种选择。请求的资源可包括多个位置，相应可返回一个资源特征与地址的列表用于用户终端（例如：浏览器）选择。 |
| 301 | Moved Permanently | 永久移动，请求的资源已被永久的移动到新的URI，返回信息会包括新的URI。 |
| 302 | Found | 资源被临时移动。 |
| 303 | See Other | 查看其它地址。 使用GET和POST请求查看。 |
| 304 | Not Modified | 所请求的资源未修改，服务器返回此状态码时，不会返回任何资源。 |
| 305 | Use Proxy | 所请求的资源必须通过代理访问。 |
| 306 | Unused | 已经被废弃的HTTP状态码。 |
| 400 | BadRequest | 非法请求。 建议直接修改该请求，不要重试该请求。 |
| 401 | Unauthorized | 在客户端提供认证信息后，返回该状态码，表明服务端指出客户端所提供的认证信息不正确或非法。 |
| 402 | Payment Required | 保留请求。 |
| 403 | Forbidden | 请求被拒绝访问。 返回该状态码，表明请求能够到达服务端，且服务端能够理解用户请求，但是拒绝做更多的事情，因为该请求被设置为拒绝访问，建议直接修改该请求，不要重试该请求。 |
| 404 | NotFound | 所请求的资源不存在。 建议直接修改该请求，不要重试该请求。 |
| 405 | MethodNotAllowed | 请求中带有该资源不支持的方法。 建议直接修改该请求，不要重试该请求。 |
| 406 | Not Acceptable | 服务器无法根据客户端请求的内容特性完成请求。 |
| 407 | Proxy Authentication Required | 请求要求代理的身份认证，与401类似，但请求者应当使用代理进行授权。 |
| 408 | Request Time-out | 服务器等候请求时发生超时。 客户端可以随时再次提交该请求而无需进行任何更改。 |
| 409 | Conflict | 服务器在完成请求时发生冲突。 返回该状态码，表明客户端尝试创建的资源已经存在，或者由于冲突请求的更新操作不能被完成。 |

| 状态码 | 编码 | 错误码说明 |
|-----|---------------------------------|---|
| 410 | Gone | 客户端请求的资源已经不存在。 返回该状态码，表明请求的资源已被永久删除。 |
| 411 | Length Required | 服务器无法处理客户端发送的不带Content-Length的请求信息。 |
| 412 | Precondition Failed | 未满足前提条件，服务器未满足请求者在请求中设置的其中一个前提条件。 |
| 413 | Request Entity Too Large | 由于请求的实体过大，服务器无法处理，因此拒绝请求。为防止客户端的连续请求，服务器可能会关闭连接。如果只是服务器暂时无法处理，则会包含一个Retry-After的响应信息。 |
| 414 | Request-URI Too Large | 请求的URI过长（URI通常为网址），服务器无法处理。 |
| 415 | Unsupported Media Type | 服务器无法处理请求附带的媒体格式。 |
| 416 | Requested range not satisfiable | 客户端请求的范围无效。 |
| 417 | Expectation Failed | 服务器无法满足Expect的请求头信息。 |
| 422 | Unprocessable Entity | 请求格式正确，但是由于含有语义错误，无法响应。 |
| 429 | TooManyRequests | 表明请求超出了客户端访问频率的限制或者服务端接收到多于它能处理的请求。建议客户端读取相应的Retry-After首部，然后等待该首部指出的时间后再重试。 |
| 500 | InternalServerError | 表明服务端能被请求访问到，但是不能理解用户的请求。 |
| 501 | Not Implemented | 服务器不支持请求的功能，无法完成请求。 |
| 502 | Bad Gateway | 充当网关或代理的服务器，从远端服务器接收到了一个无效的请求。 |
| 503 | ServiceUnavailable | 被请求的服务无效。 建议直接修改该请求，不要重试该请求。 |
| 504 | ServerTimeout | 请求在给定的时间内无法完成。客户端仅在为请求指定超时（Timeout）参数时会得到该响应。 |
| 505 | HTTP Version not supported | 服务器不支持请求的HTTP协议的版本，无法完成处理。 |

5.2 错误码

当您调用API时，如果遇到“APIGW”开头的错误码，请参见[API网关错误码](#)进行处理。

更多服务错误码请参见[API错误中心](#)。

| 状态码 | 错误码 | 错误信息 | 描述 | 处理措施 |
|-----|---------|-------------|-------------|----------|
| 403 | CR.4102 | 当前用户没有该项目权限 | 当前用户没有该项目权限 | 请联系项目管理员 |
| 500 | CR.5000 | 未知服务错误 | 未知服务错误 | 请联系技术支持 |

5.3 获取项目 ID

调用 API 取项目 ID

项目ID还用通过调用[查询指定条件下的项目信息](#)API获取。

获取项目ID的接口为“GET https://{Endpoint}/v3/projects/”，其中“{Endpoint}”为IAM的终端节点，可以从[终端节点](#)获取。接口的认证鉴权请参见[认证鉴权](#)。

响应示例如下，其中“projects”下的“id”即为项目ID。

```
{
  "projects": [
    {
      "domain_id": "65382450e8f64ac0870cd180d14e684b",
      "is_domain": false,
      "parent_id": "65382450e8f64ac0870cd180d14e684b",
      "name": "cn-north-4",

      "description": "",
      "links": {
        "next": null,
        "previous": null,
        "self": "https://www.example.com/v3/projects/a4a5d4098fb4474fa22cd05f897d6b99"
      },
      "id": "a4a5d4098fb4474fa22cd05f897d6b99",
      "enabled": true
    }
  ],
  "links": {
    "next": null,
    "previous": null,
    "self": "https://www.example.com/v3/projects"
  }
}
```

从控制台获取项目 ID

在调用接口的时候，部分URL中需要填入项目编号，所以需要获取到项目编号。项目编号获取步骤如下：

1. 登录管理控制台。

- 鼠标悬停在右上角的用户名，在下拉列表中单击“我的凭证”。进入“我的凭证 > API凭证”页面，在项目列表中查看项目ID。

图 5-1 查看项目 ID



说明

多项目时，展开“所属区域”，从“项目ID”列获取子项目ID。

5.4 获取帐号 ID

在调用接口的时候，部分URL中需要填入帐号ID，所以需要先在管理控制台上获取到帐号ID。帐号ID获取步骤如下：

- 登录管理控制台。
- 鼠标悬停在右上角的用户名，在下拉列表中单击“我的凭证”。进入“我的凭证 > API凭证”页面，即可查看帐号ID。

图 5-2 获取帐号 ID

