

制品仓库

API 参考

文档版本 01
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漏洞处理流程

华为公司对产品漏洞管理的规定以“漏洞处理流程”为准，该流程的详细内容请参见如下网址：

<https://www.huawei.com/cn/psirt/vul-response-process>

如企业客户须获取漏洞信息，请参见如下网址：

<https://securitybulletin.huawei.com/enterprise/cn/security-advisory>

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1 使用前必读

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](#)。

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）
亚太-新加坡	ap-southeast-3	artifact.ap-southeast-3.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
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

3 如何调用 API

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。

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。

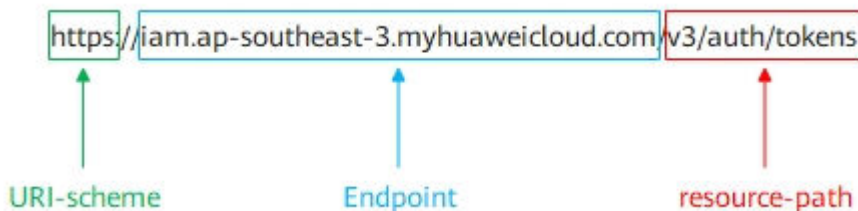
请求URI由四部分构成：**{URI-scheme}://{Endpoint} / {resource-path} ? {query-string}**

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服务在亚太-新加坡区域的Endpoint为iam.ap-southeast-3.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“亚太-新加坡”区域的Token，则需使用“亚太-新加坡”区域的Endpoint（iam.ap-southeast-3.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.ap-southeast-3.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.ap-southeast-3.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。

名称	描述	是否必选	备注
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.ap-southeast-3.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ap-southeast-3，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.ap-southeast-3.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"
        }
    }
}

```

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": "xxxxxxx"
    }
  }
}

```

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.ap-southeast-3.myhuaweicloud.com/v3/auth/projects
Content-Type: application/json
X-Auth-Token: ABCDEFJ....
```

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
→ MIIYXQYJKoZIhvcNAQcCoIIYTCCEoCAQExDTALBglghkgBZQMEAgEwgharBgkqhkiG9w0BBwGgghacBIIWmHsidG9rZW4iOansiZXhwaXJlc19hdCI6IiwMTktMDItMTNUMC
fj3KJs6YgKnpVNRbW2eZ5eb78SZOkajACgkIQ01wi4JIGzrpd18LGXK5bdfq4lqHCYb8P4NaY0NYejcAgz/VeFYtLWT1GSO0zxKZmiQHQj82HBqHdgIZO9fuEbL5dMhdavj+33wEI
xHRCE9I87o+k9-
j+CMZSEB7bUGd5Uj6eRASXl1jipPEGA270g1FruooL6jggIFkNPQuFSOU8+uSsttVwrNfsC+qTp22Rkd5MCqFGQ8LcuUxC3a+9CMBnOintWW7oeRUUVhVpxk8pxiX1wTEboX-
RzT6MUbpvGw-oPNFYxJECKnoH3HRozv0vN--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": "ap-southeast-3",
            .....
          }
        ]
      }
    ]
  }
}
    
```

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

4.1 回收站

4.1.1 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 4-1 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 4-2 IDETrashArtifactModel

参数	是否必选	参数类型	描述
id	否	String	仓库id

参数	是否必选	参数类型	描述
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 4-3 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	String	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": "success"
}
```

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.getStatusCode());
            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  
  
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 = 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](#)。

4.1.2 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 4-4 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 4-5 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 4-6 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	String	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_5a775fdcb14f4431b6c0015618140bc3_debian_43",
  "format" : "debian",
  "uri" : "cn-north-7_5a775fdcb14f4431b6c0015618140bc3_debian_43/",
  "status" : "active"
}, {
  "id" : "cn-north-7_5a775fdcb14f4431b6c0015618140bc3_go_4",
  "format" : "go",
  "uri" : "cn-north-7_5a775fdcb14f4431b6c0015618140bc3_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

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 = 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](#)。

4.2 仓库管理

4.2.1 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 4-7 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 4-8 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	String	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_5a775fdbcb14f4431b6c0015618140bc3_maven_1_201",  
    "snapshot" : "cn-north-7_5a775fdbcb14f4431b6c0015618140bc3_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.getHttpStatusCode());
    System.out.println(e.getRequestId());
    System.out.println(e.getErrorCode());
    System.out.println(e.getErrorMsg());
}
}
```

Python

创建maven仓库

```
# coding: utf-8

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 = 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](#)。

4.2.2 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 4-9 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 4-10 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
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 4-11 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	String	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();
        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

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 = ModifyRepositoryRequest()
    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{
        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](#)。

4.2.3 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 4-12 路径参数

参数	是否必选	参数类型	描述
repo_id	是	String	仓库id

请求参数

无

响应参数

状态码： 200

表 4-13 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	String	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_5a775fdcb14f4431b6c0015618140bc3_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();
        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

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()
        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{}
    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](#)。

4.2.4 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 4-14 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 4-15 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	String	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": "success"
}
```

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

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 = 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](#)。

4.2.5 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 4-16 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 4-17 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	String	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_5a775fdbcb14f4431b6c0015618140bc3_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.getStatusCode());
    System.out.println(e.getRequestId());
    System.out.println(e.getErrorCode());
    System.out.println(e.getErrorMsg());
}
}
```

Python

删除仓库

```
# coding: utf-8

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 = 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](#)。

4.2.6 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 4-18 Query 参数

参数	是否必选	参数类型	描述
project_id	否	String	项目id
policy	否	String	snapshot or releases
access	否	String	r or rw
default	否	String	是否返回默认仓库 true or false
ids	否	String	仓库id 多个仓库id用英文逗号间隔

请求参数

无

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	String	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": "6qY_h]3H9=",  
    "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.ulanqab.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();
        request.withProjectId("<project_id>");
        request.withPolicy("<policy>");
        request.withAccess("<access>");
        request.withDefault("<default>");
        request.withIds("<ids>");
        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

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 = ShowMavenInfoRequest()
    request.project_id = "<project_id>"
    request.policy = "<policy>"
    request.access = "<access>"
    request.default = "<default>"
    request.ids = "<ids>"
    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{}
    projectIdRequest := "<projectId>"
    request.ProjectId = &projectIdRequest
    policyRequest := "<policy>"
    request.Policy = &policyRequest
    accessRequest := "<access>"
    request.Access = &accessRequest
    defaultRequest := "<default>"
    request.Default = &defaultRequest
    idsRequest := "<ids>"
```



```

request.Ids = &idsRequest
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](#)。

4.2.7 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 4-20 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

参数	是否必选	参数类型	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 4-21 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	String	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": "5a775fdcb14f4431b6c0015618140bc3",
      "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 CreateArtifactSolution {

    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();
CreateArtifactRequest request = new CreateArtifactRequest();
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 {
    CreateArtifactResponse response = client.createArtifact(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.getErrMsg());
}
}
```

Python

创建非maven仓库

```
# coding: utf-8

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 = 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](#)。

4.2.8 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 4-22 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

参数	是否必选	参数类型	描述
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 4-23 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	String	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_5a775fdb14f4431b6c0015618140bc3_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

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 = 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_5a775fdcb14f4431b6c0015618140bc3_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](#)。

4.3 仓库关联项目

4.3.1 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 4-24 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 4-25 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	String	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_5a775fdb14f4431b6c0015618140bc3_maven_1_11",
  "description" : null,
  "createTime" : "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.ulanhqab.huawei.com/artgalaxy/cn-north-7_5a775fdb14f4431b6c0015618140bc3_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();
request.withProjectId("<project_id>");
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.getHttpStatusCode());
    System.out.println(e.getRequestId());
    System.out.println(e.getErrorCode());
    System.out.println(e.getErrorMsg());
}
}
```

Python

```
# coding: utf-8

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 = ShowProjectListRequest()
        request.project_id = "<project_id>"
        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{}
    request.ProjectId = "<project_id>"
    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](#)。

4.3.2 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 4-26 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 4-27 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	String	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.getStatusCode());
            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
```



```
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{
    "5a775fdcb14f4431b6c0015618140bc3_tab_maven2_23",
    "5a775fdcb14f4431b6c0015618140bc3_tab_maven2_120",
    "5a775fdcb14f4431b6c0015618140bc3_tab_maven2_201",
}
projectIdIdePrivilageProjectInfo:= "e2ee90487d6349dd944a5767225f6f55"
request.Body = &model.IdePrivilageProjectInfo{
    Ids: &listIdsbody,
    ProjectId: &projectIdIdePrivilageProjectInfo,
}
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](#)。

4.4 仓库容量

4.4.1 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 4-28 Query 参数

参数	是否必选	参数类型	描述
format_list	否	String	类型列表
in_project	否	String	是否在项目中

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	String	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();
        request.withFormatList("<format_list>");
        request.withInProject("<in_project>");
        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

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 = ShowStorageRequest()
    request.format_list = "<format_list>"
    request.in_project = "<in_project>"
    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{}
    formatListRequest := "<format_list>"
    request.FormatList = &formatListRequest
    inProjectRequest := "<in_project>"
    request.InProject = &inProjectRequest
    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](#)。

4.5 搜索

4.5.1 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 4-30 Query 参数

参数	是否必选	参数类型	描述
checksum	是	String	checksum
page_no	否	Integer	页码
page_size	否	Integer	每页条数
format	否	String	仓库类型
in_project	否	String	是否在项目中
project_id	否	String	项目id

请求参数

无

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
result	String	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=e2ee90487d6349dd944a5767225f6f55&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_5a775fdb14f4431b6c0015618140bc3_pypi_40",
    "repoName": "testpypi",
    "displayName": null,
    "oldRepold": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_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();
    request.withChecksum("<checksum>");
    request.withPageNo(<page_no>);
    request.withPageSize(<page_size>);
    request.withFormat("<format>");
    request.withInProject("<in_project>");
    request.withProjectId("<project_id>");
    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

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()
        request.checksum = "<checksum>"
```



```
request.page_no = <page_no>
request.page_size = <page_size>
request.format = "<format>"
request.in_project = "<in_project>"
request.project_id = "<project_id>"
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{}
    request.Checksum = "<checksum>"
    pageNoRequest := int32(<page_no>)
    request.PageNo = &pageNoRequest
    pageSizeRequest := int32(<page_size>)
    request.PageSize = &pageSizeRequest
    formatRequest := "<format>"
    request.Format = &formatRequest
    inProjectRequest := "<in_project>"
    request.InProject = &inProjectRequest
    projectIdRequest := "<project_id>"
    request.ProjectId = &projectIdRequest
    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](#)。

4.5.2 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 4-32 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	String	页码
page_size	否	String	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 4-33 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	String	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,
      "oldRepold": "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

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"
        projectIdIdeRepoSearchDo: "e2ee90487d6349dd944a5767225f6f55"
        pageSizeIdeRepoSearchDo: int32(10)
    }
```

```

pageNoIdeRepoSearchDo:= int32(1)
artifactTypeIdeRepoSearchDo:= "pypi"
request.Body = &model.IdeRepoSearchDo{
    InProject: &inProjectIdeRepoSearchDo,
    ProjectId: &projectIdIdeRepoSearchDo,
    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](#)。

4.6 用户管理

4.6.1 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 4-34 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	String	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

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](#)。

4.7 仓库详情

4.7.1 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 4-35 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 4-36 Query 参数

参数	是否必选	参数类型	描述
group_id	否	String	组id
page_no	否	Integer	页码
page_size	否	Integer	每页大小
sort	否	String	排序类型
qname	否	String	查询内容
type	否	String	仓库类型
format	否	String	仓库格式
format_list	否	String	仓库格式列表
is_recycle_bin	否	Boolean	是否是回收站文件
is_need_pagination	否	Boolean	是否需要分页
in_project	否	Boolean	是否在项目中

请求参数

无

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	String	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,nugget,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.withGroupId("<group_id>");
request.withPageNo("<page_no>");
request.withPageSize("<page_size>");
request.withSort("<sort>");
request.withQname("<qname>");
request.withType("<type>");
request.withFormat("<format>");
request.withFormatList("<format_list>");
request.withIsRecycleBin("<is_recycle_bin>");
request.withIsNeedPaging("<is_need_paging>");
request.withInProject("<in_project>");
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.getHttpStatusCode());
    System.out.println(e.getRequestId());
    System.out.println(e.getErrorCode());
    System.out.println(e.getErrorMsg());
}
}
```

Python

```
# coding: utf-8

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 = ListAllRepositoriesRequest()
        request.group_id = "<group_id>"
        request.page_no = <page_no>
        request.page_size = <page_size>
        request.sort = "<sort>"
```

```

request.qname = "<qname>"
request.type = "<type>"
request.format = "<format>"
request.format_list = "<format_list>"
request.is_recycle_bin = <IsRecycleBin>
request.is_need_paging = <IsNeedPaging>
request.in_project = <InProject>
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{}
    groupIdRequest := "<group_id>"
    request.GroupId = &groupIdRequest
    pageNoRequest := int32(<page_no>)
    request.PageNo = &pageNoRequest
    pageSizeRequest := int32(<page_size>)
    request.PageSize = &pageSizeRequest
    sortRequest := "<sort>"
    request.Sort = &sortRequest
    qnameRequest := "<qname>"
    request.Qname = &qnameRequest
    typeRequest := "<type>"
    request.Type = &typeRequest
    formatRequest := "<format>"
    request.Format = &formatRequest
    formatListRequest := "<format_list>"
    request.FormatList = &formatListRequest
    isRecycleBinRequest := <is_recycle_bin>
    request.IsRecycleBin = &isRecycleBinRequest
    isNeedPagingRequest := <is_need_paging>
    request.IsNeedPaging = &isNeedPagingRequest
    inProjectRequest := <in_project>

```

```
request.InProject = &inProjectRequest
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](#)。

4.7.2 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 4-38 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 4-39 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 4-40 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	String	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.withRegion("<region>");
        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

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.region = "<region>"
        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{}
regionRequest:= "<region>"
request.Region = &regionRequest
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](#)。

4.7.3 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 4-41 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 4-42 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 4-43 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	String	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_5a775fdb14f4431b6c0015618140bc3_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.withRepo("<repo>");
request.withStartTime("<start_time>");
request.withEndTime("<end_time>");
request.withInstanceId("<instance_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

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 = ListArtifactoryStorageStatisticRequest()
        request.repo = "<repo>"
        request.start_time = "<start_time>"
        request.end_time = "<end_time>"
        request.instance_id = "<instance_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{}
    repoRequest := "<repo>"
    request.Repo = &repoRequest
    startTimeRequest := "<start_time>"
    request.StartTime = &startTimeRequest
    endTimeRequest := "<end_time>"
    request.EndTime = &endTimeRequest
    instanceIdRequest := "<instance_id>"
    request.InstanceId = &instanceIdRequest
    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](#)。

4.8 审计日志

4.8.1 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 4-44 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 4-45 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


```
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.withUserId("<user_id>");
        request.withInstanceId("<instance_id>");
        request.withPageNum("<page_num>");
        request.withPageSize("<page_size>");
        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

from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact 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 = ShowAuditRequest()
    request.user_id = "<user_id>"
    request.instance_id = "<instance_id>"
    request.page_num = <page_num>
    request.page_size = <page_size>
    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{}
    userIDRequest := "<user_id>"
    request.UserId = &userIDRequest
    instanceIDRequest := "<instance_id>"
    request.InstanceId = &instanceIDRequest
    pageNumRequest := int32(<page_num>)
    request.PageNum = &pageNumRequest
    pageSizeRequest := int32(<page_size>)
    request.PageSize = &pageSizeRequest
    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](#)。

4.9 关注

4.9.1 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 4-47 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 4-48 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	String	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_5a775fdb14f4431b6c0015618140bc3_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.getHttpStatusCode());
    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

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 = CreateAttentionRequest()
        listbody = [
```

```
        "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](#)。

4.9.2 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 4-49 Query 参数

参数	是否必选	参数类型	描述
page_no	否	Integer	页码
page_size	否	Integer	每页大小
project_id	否	String	项目id

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
trace_id	String	请求id
result	String	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": "5a775fdb14f4431b6c0015618140bc3",
      "repositoryId": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_1_108",
      "repositoryName": "maven1",
      "format": "maven2",
      "policy": "release",
      "artifactId": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_1_108/1/1/1/1-1.jar",
      "path": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_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();
        request.withPageNo(<page_no>);
        request.withPageSize(<page_size>);
        request.withProjectId("<project_id>");
        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

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()
request.page_no = <page_no>
request.page_size = <page_size>
request.project_id = "<project_id>"
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{}
    pageNoRequest := int32(<page_no>)
    request.PageNo = &pageNoRequest
    pageSizeRequest := int32(<page_size>)
    request.PageSize = &pageSizeRequest
    projectIdRequest := "<project_id>"
    request.ProjectId = &projectIdRequest
    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](#)。

4.10 文件管理

4.10.1 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 4-51 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_name	是	String	仓库名称

表 4-52 Query 参数

参数	是否必选	参数类型	描述
path	是	String	仓库中路径
instance_id	否	String	实例id
is_recycle_bin	否	Boolean	是否是回收站文件

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.withPath("<path>");
        request.withInstanceId("<instance_id>");
        request.withIsRecycleBin("<is_recycle_bin>");
        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.getStatusCode());
            System.out.println(e.getRequestId());
            System.out.println(e.getErrorCode());
            System.out.println(e.getErrorMsg());
        }
    }
}

```

Python

```

# coding: utf-8

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 = ShowFileTreeRequest()
    request.path = "<path>"
    request.instance_id = "<instance_id>"
    request.is_recycle_bin = <IsRecycleBin>
    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.Path = "<path>"
    instanceIdRequest := "<instance_id>"
    request.InstanceId = &instanceIdRequest
    isRecycleBinRequest := <is_recycle_bin>
    request.IsRecycleBin = &isRecycleBinRequest
    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](#)。

4.10.2 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 4-54 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_name	是	String	仓库名称

表 4-55 Query 参数

参数	是否必选	参数类型	描述
path	是	String	仓库中路径
format	是	String	仓库格式
instance_id	否	String	实例id


```
"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" : { },
"display_name" : "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.withPath("<path>");
        request.withFormat("<format>");
        request.withInstanceId("<instance_id>");
        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

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.path = "<path>"
        request.format = "<format>"
        request.instance_id = "<instance_id>"
        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.Path = "<path>"
request.Format = "<format>"
instanceIdRequest := "<instance_id>"
request.InstanceId = &instanceIdRequest
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](#)。

4.10.3 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 4-57 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 4-58 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	String	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_5a775fdbcb14f4431b6c0015618140bc3_go_19/down/down/  
GOR7zo553lL44l063cdVKui7n58078"  
}
```

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_5a775fdcb14f4431b6c0015618140bc3_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

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 = 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](#)。

5 附录

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。
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。

状态码	编码	错误码说明
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。
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。

状态码	编码	错误码说明
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。

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": "ap-southeast-3",
      "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。
2. 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



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:

1. 登录管理控制台。
2. 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

