

制品仓库

API 参考

文档版本 01
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1 使用前必读

[概述](#)

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[终端节点](#)

[约束与限制](#)

[基本概念](#)

1.1 概述

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

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

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

1.2 调用说明

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

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

1.3 终端节点

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

表 1-1 制品仓库的终端节点

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

1.4 约束与限制

详细的限制请参见具体API的说明。

1.5 基本概念

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

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

2 API 概览

表 2-1 制品仓库接口说明

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

分类	接口
权限查看	查询用户在项目下的权限

3 如何调用 API

[构造请求](#)

[认证鉴权](#)

[返回结果](#)

3.1 构造请求

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

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

请求 URI

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

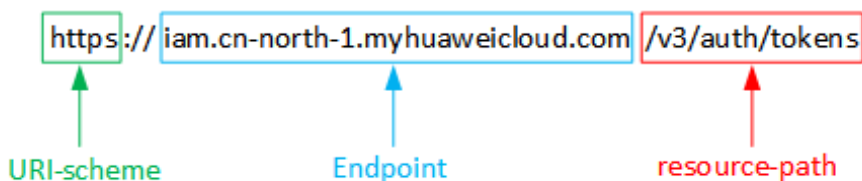
请求URI由四部分构成：**{URI-scheme}://{Endpoint} / {resource-path} ? {query-string}**

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

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

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

图 3-1 URI 示意图



说明

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

请求方法

HTTP请求方法（也称为操作或动词），它告诉服务你正在请求什么类型的操作。

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

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

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

请求消息头

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

如下公共消息头需要添加到请求中。

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

📖 说明

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

AK/SK认证的详细说明请参加[AK/SK认证](#)。

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

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

请求消息体

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

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

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

📖 说明

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

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

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

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

3.2 认证鉴权

调用接口有如下两种认证方式，您可以选择其中一种进行认证鉴权。

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

Token 认证

📖 说明

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

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

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

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

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

```

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

```

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

```

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

```

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

AK/SK 认证

📖 说明

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

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

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

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

须知

签名SDK只提供签名功能，与服务提供的SDK不同，使用时请注意。

3.3 返回结果

状态码

请求发送以后，您会收到响应，包含状态码、响应消息头和消息体。

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

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

响应消息头

对应请求消息头，响应同样也有消息头，如“Content-type”。

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

图 3-2 获取用户 Token 响应消息头

```
connection → keep-alive
content-type → application/json
date → Tue, 12 Feb 2019 06:52:13 GMT
server → Web Server
strict-transport-security → max-age=31536000; includeSubdomains;
transfer-encoding → chunked
via → proxy A
x-content-type-options → nosniff
x-download-options → noopen
x-frame-options → SAMEORIGIN
x-iam-trace-id → 218d45ab-d674-4995-af3a-2d0255ba41b5
x-subject-token
→ MIIVXQVJKoZIhvcNAQcCoIIYJCCGEoCAQExDTALBglghkgBZQMEAgEwgharBgkqhkiG9w0BBwGgghacBIIWmHsidG9rZW4iOnsiZXhwaXJlc19hdCI6ijwMTktMDItMTNUMC
fj3Kjs6YgKnpVNRbW2eZ5eb78SZ0kqjACgkIQ1wi4JlGzrpd18LGXK5tdfdq4lqHCYb8P4NaY0NYejcAgzIVeFVtLWT1GSO0zxKZmlQHJQ82HBqHdglZO9fuEbL5dMhdavj+33wEI
xHRC9I87o+k9-
j+CMZSEB7bUGd5Uj6eRASXl1jipPEGA270g1FruooL6jqglFkNPQuFSOU8+uSsttVwRtNfsC+qTp22Rkd5MCqFGQ8LcuUx3Ca+9CMBnOintWW7oeRUVhVpxk8pxiX1wTEboX-
RzT6MUbpvGw-oPNFYdECKnoH3Hrozv0vN--n5d6Nbxg==
x-xss-protection → 1; mode=block;
```

响应消息体

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

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

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

```

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

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

其中，error_code表示错误码，error_msg表示错误描述信息。

4 API

[发布库文件查询](#)

[回收站](#)

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[权限查看](#)

4.1 发布库文件查询

4.1.1 获取项目下文件版本信息列表(待下线)

功能介绍

获取项目下文件版本信息列表(待下线)

调用方法

请参见[如何调用API](#)。

URI

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

表 4-1 路径参数

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

表 4-2 Query 参数

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

参数	是否必选	参数类型	描述
limit	否	Integer	参数解释: 每页显示的条目数量。 约束限制: 不涉及。 取值范围: 1-100。 默认取值: 10
offset	否	Integer	参数解释: 此次分页查询数据开始的位置。 约束限制: 不涉及。 取值范围: 大于0。 默认取值: 0

请求参数

表 4-3 请求 Header 参数

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

响应参数

状态码： 200

表 4-4 响应 Body 参数

参数	参数类型	描述
result	result object	参数解释: 返回的具体结果信息 取值范围: 不涉及。 默认取值: 无。

表 4-5 result

参数	参数类型	描述
data	Array of ReleaseFileVersionDo objects	参数解释: 符合条件的结果列表 取值范围: 不涉及。 默认取值: 无。
total_records	Integer	参数解释: 符合条件的结果总条数。 取值范围: 1-1000。 默认取值: 无。
total_pages	Integer	参数解释: 符合条件的结果总页数。 取值范围: 1-10000。 默认取值: 无。

表 4-6 ReleaseFileVersionDo

参数	参数类型	描述
version	String	参数解释: 发布库文件的版本 取值范围: 0-100长度的字符串。 默认取值: 无。
path	String	参数解释: 发布库文件的路径 取值范围: 0-100长度的字符串。 默认取值: 无。
download_url	String	参数解释: 发布库文件的下载链接 取值范围: 0-10000长度的字符串。 默认取值: 无。

状态码： 403

表 4-7 响应 Body 参数

参数	参数类型	描述
error_code	String	参数解释: 错误码。 取值范围: 200-599。 默认取值: 无。
error_msg	String	参数解释: 错误信息。 取值范围: 不涉及。 默认取值: 无。


```
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 ShowReleaseProjectFilesSolution {

    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();
        ShowReleaseProjectFilesRequest request = new ShowReleaseProjectFilesRequest();
        request.withProjectId("{project_id}");
        try {
            ShowReleaseProjectFilesResponse response = client.showReleaseProjectFiles(request);
            System.out.println(response.toString());
        } catch (ConnectionException e) {
            e.printStackTrace();
        } catch (RequestTimeoutException e) {
            e.printStackTrace();
        } catch (ServiceResponseException e) {
            e.printStackTrace();
            System.out.println(e.getHttpStatusCode());
            System.out.println(e.getRequestId());
            System.out.println(e.getErrorCode());
            System.out.println(e.getErrorMsg());
        }
    }
}
```

Python

```
# coding: utf-8

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

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

    credentials = BasicCredentials(ak, sk)

    client = CodeArtsArtifactClient.new_builder() \
```

```
.with_credentials(credentials) \  
.with_region(CodeArtsArtifactRegion.value_of("<YOUR REGION>")) \  
.build()  
  
try:  
    request = ShowReleaseProjectFilesRequest()  
    request.project_id = "{project_id}"  
    response = client.show_release_project_files(request)  
    print(response)  
except exceptions.ClientRequestException as e:  
    print(e.status_code)  
    print(e.request_id)  
    print(e.error_code)  
    print(e.error_msg)
```

Go

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

更多

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

状态码

状态码	描述
200	OK
403	Forbidden
500	Internal Error

错误码

请参见[错误码](#)。

4.1.2 获取项目下文件版本信息列表

功能介绍

获取项目下文件版本信息列表

调用方法

请参见[如何调用API](#)。

URI

GET /v2/{project_id}/release/files

表 4-9 路径参数

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

表 4-10 Query 参数

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

请求参数

表 4-11 请求 Header 参数

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

响应参数

状态码： 200

表 4-12 响应 Body 参数

参数	参数类型	描述
result	result object	<p>参数解释: 返回的具体结果信息</p> <p>取值范围: 不涉及。</p> <p>默认取值: 无。</p>

表 4-13 result

参数	参数类型	描述
data	Array of ReleaseFileVersionDo objects	<p>参数解释: 符合条件的结果列表</p> <p>取值范围: 不涉及。</p> <p>默认取值: 无。</p>

参数	参数类型	描述
total_records	Integer	参数解释: 符合条件的结果总条数。 取值范围: 1-1000。 默认取值: 无。
total_pages	Integer	参数解释: 符合条件的结果总页数。 取值范围: 1-10000。 默认取值: 无。

表 4-14 ReleaseFileVersionDo

参数	参数类型	描述
version	String	参数解释: 发布库文件的版本 取值范围: 0-100长度的字符串。 默认取值: 无。
path	String	参数解释: 发布库文件的路径 取值范围: 0-100长度的字符串。 默认取值: 无。
download_url	String	参数解释: 发布库文件的下载链接 取值范围: 0-10000长度的字符串。 默认取值: 无。

状态码: 403

响应示例

状态码： 403

Forbidden

```
{
  "error_code": "CR.4102",
  "error_msg": "当前用户没有该项目权限"
}
```

状态码： 500

Internal Error

```
{
  "error_code": "CR.5000",
  "error_msg": "未知服务错误"
}
```

SDK 代码示例

SDK代码示例如下。

Java

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

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

public class ShowProjectReleaseFilesSolution {

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

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

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

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

Python

```
# coding: utf-8

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

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

    credentials = BasicCredentials(ak, sk)

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

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

Go

```
package main

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

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

    auth := basic.NewCredentialsBuilder().
        WithAk(ak).
```

```

WithSk(sk).
Build()

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

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

更多

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

状态码

状态码	描述
200	OK
403	Forbidden
500	Internal Error

错误码

请参见[错误码](#)。

4.2 回收站

4.2.1 批量还原回收站

功能介绍

批量还原回收站

调用方法

请参见[如何调用API](#)。

URI

PUT /cloudartifact/v5/trashes

请求参数

表 4-17 请求 Body 参数

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

表 4-18 IDETrashArtifactModel

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

响应参数

状态码： 200

表 4-19 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。
result	Object	参数解释: 请求返回结果, 接口不同, 返回不同。 取值范围: 根据不同接口有不同范围。

请求示例

批量还原回收站

```
/v5/trashes

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

响应示例

状态码: 200

OK

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

SDK 代码示例

SDK代码示例如下。

Java

批量还原回收站

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

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

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

public class BatchRestoreRepoSolution {

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

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

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

import os
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.environ["CLOUD_SDK_AK"]
    sk = os.environ["CLOUD_SDK_SK"]

    credentials = BasicCredentials(ak, sk)

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

    try:
        request = BatchRestoreRepoRequest()
```

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

Go

批量还原回收站

```
package main

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

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

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

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

    request := &model.BatchRestoreRepoRequest{
        idBody:= "cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_4"
        formatBody:= "go"
        statusBody:= "active"
        uriBody:= "cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_4/"
        idBody1:= "cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_2_23"
        formatBody1:= "maven2"
        statusBody1:= "active"
        uriBody1:= "cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_2_23/"
        var listBodybody = []model.IdeTrashArtifactModel{
            {
                Id: &idBody,
```

```
Format: &formatBody,  
Status: &statusBody,  
Uri: &uriBody,  
},  
{  
  Id: &idBody1,  
  Format: &formatBody1,  
  Status: &statusBody1,  
  Uri: &uriBody1,  
},  
}  
request.Body = &listBodybody  
response, err := client.BatchRestoreRepo(request)  
if err == nil {  
  fmt.Printf("%+v\n", response)  
} else {  
  fmt.Println(err)  
}  
}
```

更多

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.2.2 批量删除回收站

功能介绍

批量删除回收站

调用方法

请参见[如何调用API](#)。

URI

DELETE /cloudartifact/v5/trashes

请求参数

表 4-20 请求 Body 参数

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

表 4-21 TrashArtifactModelForDelete

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

响应参数

状态码： 200

表 4-22 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。

参数	参数类型	描述
result	Object	参数解释: 请求返回结果，接口不同，返回不同。 取值范围: 根据不同接口有不同范围。

请求示例

批量删除回收站

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

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

响应示例

状态码： 200

OK

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

SDK 代码示例

SDK代码示例如下。

Java

批量删除回收站

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

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

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

```
public class BatchDeleteTrashesSolution {

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

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

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

Python

批量删除回收站

```
# coding: utf-8

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

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

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

credentials = BasicCredentials(ak, sk)

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

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

Go

批量删除回收站

```
package main

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

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

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

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

    request := &model.BatchDeleteTrashesRequest{}
    var listBodybody = []model.TrashArtifactModelForDelete{
```



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

更多

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.3 仓库管理

4.3.1 创建 maven 仓库

功能介绍

创建maven仓库

调用方法

请参见[如何调用API](#)。

URI

POST /cloudartifact/v5/maven/repositories

请求参数

表 4-23 请求 Body 参数

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

响应参数

状态码： 200

表 4-24 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。
trace_id	String	参数解释: 请求id，当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。
result	Object	参数解释: 请求返回结果，接口不同，返回不同。 取值范围: 根据不同接口有不同范围。

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();
IDERpositoryDO body = new IDERpositoryDO();
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

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

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

    credentials = BasicCredentials(ak, sk)

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

    try:
        request = CreateMavenRepoRequest()
        request.body = IDERpositoryDO(
            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{
        typeIdRepositoryDo: "hosted"
        projectIdRepositoryDo:= "e2ee90487d6349dd944a5767225f6f55"
        shareRightIdRepositoryDo:= "PROJECT"
        includesPatternIdRepositoryDo:= "**/*"
        snapshotIdRepositoryDo:= "testmaven"
        releaseIdRepositoryDo:= "testmaven"
        descriptionIdRepositoryDo:= ""
        formatIdRepositoryDo:= "maven2"
        repositoryNameIdRepositoryDo:= "testmaven"
        request.Body = &model.IdRepositoryDo{
            Type: &typeIdRepositoryDo,
            ProjectId: &projectIdRepositoryDo,
            ShareRight: &shareRightIdRepositoryDo,
            IncludesPattern: &includesPatternIdRepositoryDo,
            Snapshot: &snapshotIdRepositoryDo,
            Release: &releaseIdRepositoryDo,
            Description: &descriptionIdRepositoryDo,
            Format: &formatIdRepositoryDo,
            RepositoryName: &repositoryNameIdRepositoryDo,
```

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

更多

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.3.2 编辑仓库

功能介绍

编辑仓库

调用方法

请参见[如何调用API](#)。

URI

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

表 4-25 路径参数

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

请求参数

表 4-26 请求 Body 参数

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

响应参数

状态码： 200

表 4-27 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。
result	Object	参数解释: 请求返回结果, 接口不同, 返回不同。 取值范围: 根据不同接口有不同范围。

请求示例

编辑maven仓库

```
https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/repositories/tab/{tab_id}
{
```

```
"repo_name" : "testmaven",  
"description" : "12",  
"includes_pattern" : "**/*",  
"release" : "testmaven",  
"snapshot" : "testmaven"  
}
```

响应示例

状态码: 200

OK

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

SDK 代码示例

SDK代码示例如下。

Java

编辑maven仓库

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



```
body.withDescription("12");
body.withIncludesPattern("**/*");
body.withRepoName("testmaven");
request.withBody(body);
try {
    ModifyRepositoryResponse response = client.modifyRepository(request);
    System.out.println(response.toString());
} catch (ConnectionException e) {
    e.printStackTrace();
} catch (RequestTimeoutException e) {
    e.printStackTrace();
} catch (ServiceResponseException e) {
    e.printStackTrace();
    System.out.println(e.getHttpStatusCode());
    System.out.println(e.getRequestId());
    System.out.println(e.getErrorCode());
    System.out.println(e.getErrorMsg());
}
}
```

Python

编辑maven仓库

```
# coding: utf-8

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

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

    credentials = BasicCredentials(ak, sk)

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

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

Go

编辑maven仓库

```
package main

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

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

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

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

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

更多

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.3.3 查看仓库信息

功能介绍

查看仓库信息

调用方法

请参见[如何调用API](#)。

URI

GET /cloudartifact/v5/repositories/{repo_id}

表 4-28 路径参数

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

请求参数

无

响应参数

状态码： 200

表 4-29 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。
result	Object	参数解释: 请求返回结果, 接口不同, 返回不同。 取值范围: 根据不同接口有不同范围。

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.ulanqab.huawei.com/artgalaxy/cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_1_201/",
"packageType" : "maven"
}
}
```

SDK 代码示例

SDK代码示例如下。

Java

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

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

public class ShowRepositoryInfoSolution {

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

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

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

Python

```
# coding: utf-8

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

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

    credentials = BasicCredentials(ak, sk)

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

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

Go

```
package main

import (
```

```

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

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

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

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

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

```

更多

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.3.4 创建 docker 仓库

功能介绍

创建docker仓库

调用方法

请参见[如何调用API](#)。

URI

POST /cloudartifact/v5/repositories

请求参数

表 4-30 请求 Body 参数

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

响应参数

状态码： 200

表 4-31 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。
result	Object	参数解释: 请求返回结果, 接口不同, 返回不同。 取值范围: 根据不同接口有不同范围。

请求示例

创建Docker仓库请求示例

```
/v5/repositories

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

响应示例

状态码: 200

OK

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

SDK 代码示例

SDK代码示例如下。

Java

创建Docker仓库请求示例

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

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

public class CreateDockerRepositoriesSolution {

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

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

        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
            .withCredential(auth)
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
            .build();
        CreateDockerRepositoriesRequest request = new CreateDockerRepositoriesRequest();
        CreateDockerRepositoryDO body = new CreateDockerRepositoryDO();
```

```
body.withType("Hosted");
body.withDescription("string");
body.withDisplayName("string");
body.withFormat("docker");
request.withBody(body);
try {
    CreateDockerRepositoriesResponse response = client.createDockerRepositories(request);
    System.out.println(response.toString());
} catch (ConnectionException e) {
    e.printStackTrace();
} catch (RequestTimeoutException e) {
    e.printStackTrace();
} catch (ServiceResponseException e) {
    e.printStackTrace();
    System.out.println(e.getHttpStatusCode());
    System.out.println(e.getRequestId());
    System.out.println(e.getErrorCode());
    System.out.println(e.getErrorMsg());
}
}
```

Python

创建Docker仓库请求示例

```
# coding: utf-8

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

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

    credentials = BasicCredentials(ak, sk)

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

    try:
        request = CreateDockerRepositoriesRequest()
        request.body = CreateDockerRepositoryDO(
            type="Hosted",
            description="string",
            display_name="string",
            format="docker"
        )
        response = client.create_docker_repositories(request)
        print(response)
    except exceptions.ClientRequestException as e:
        print(e.status_code)
        print(e.request_id)
        print(e.error_code)
        print(e.error_msg)
```

Go

创建Docker仓库请求示例

```
package main

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

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

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

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

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

更多

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.3.5 删除仓库到回收站

功能介绍

删除仓库到回收站

调用方法

请参见[如何调用API](#)。

URI

DELETE /cloudartifact/v5/repositories

请求参数

表 4-32 请求 Body 参数

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

响应参数

状态码： 200

表 4-33 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。

参数	参数类型	描述
result	Object	参数解释: 请求返回结果，接口不同，返回不同。 取值范围: 根据不同接口有不同范围。

请求示例

删除仓库

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

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

响应示例

状态码: 200

OK

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

SDK 代码示例

SDK代码示例如下。

Java

删除仓库

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

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

public class DeleteRepositorySolution {

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

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

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

CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
    .withCredential(auth)
    .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
    .build();
DeleteRepositoryRequest request = new DeleteRepositoryRequest();
IDERepoRevisionModel body = new IDERepoRevisionModel();
body.withFormat("maven2");
body.withRepositoryIds("[cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_2_201]");
request.withBody(body);
try {
    DeleteRepositoryResponse response = client.deleteRepository(request);
    System.out.println(response.toString());
} catch (ConnectionException e) {
    e.printStackTrace();
} catch (RequestTimeoutException e) {
    e.printStackTrace();
} catch (ServiceResponseException e) {
    e.printStackTrace();
    System.out.println(e.getHttpStatusCode());
    System.out.println(e.getRequestId());
    System.out.println(e.getErrorCode());
    System.out.println(e.getErrMsg());
}
}
```

Python

删除仓库

```
# coding: utf-8

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

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

4.3.6 查询租户 Maven 仓库列表和账号密码

功能介绍

查询租户Maven仓库列表和账号密码，支持跨租户

调用方法

请参见[如何调用API](#)。

URI

GET /cloudartifact/v5/maven/info

表 4-34 Query 参数

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

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

请求参数

无

响应参数

状态码: 200

表 4-35 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。
result	Array of objects	参数解释: 请求返回结果, 接口不同, 返回不同。 取值范围: 根据不同接口有不同范围。

请求示例

查询租户Maven仓库列表和账号密码

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

响应示例

状态码: 200

OK

```
{
  "status": "success",
  "trace_id": "143002-1701176094147-90",
  "result": [ {
    "status": "active",
    "domainId": "5a775fdb14f4431b6c0015618140bc3",
    "region": "cn-north-7",
    "createdTime": "2023-11-24 17:13:52",
    "modifiedTime": "2023-11-24 17:13:52",
    "createdUserId": "e9253deb37654775bb3c411aca89153a",
    "createdUserName": "devcloud_devcloud_y00226182_01",
    "modifiedUserId": null,
    "modifiedUserName": null,
    "name": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_5_120",
    "disable": false,
    "format": "maven2",
    "type": "virtual",
    "policy": "release",
    "tabId": "5a775fdb14f4431b6c0015618140bc3_tab_maven2_120",
    "repositoryName": "adasasfsafdasdfasd",
    "displayName": "adasasfsafdasdfasd",
    "description": "",
    "snapshot": null,
    "release": null,
  } ]
}
```

```
"npm" : null,
"snapshotStatus" : null,
"releaseStatus" : null,
"projectId" : "e2ee90487d6349dd944a5767225f6f55",
"includesPattern" : "**/*",
"repositoryIds" : null,
"uri" : null,
"deploymentPolicy" : null,
"repositories" : null,
"parentRepoName" : null,
"userName" : null,
"password" : "****",
"remoteUrl" : null,
"defaultDeployRepository" : null,
"remoteType" : null,
"proxy" : null,
"allowAnonymous" : null,
"autoCleanSnapshot" : null,
"snapshotAliveDays" : null,
"maxUniqueSnapshots" : null,
"shareRight" : "PROJECT",
"nexuRepo" : false,
"username" : "cn-north-7_5a775fdb14f4431b6c0015618140bc3_e9253deb37654775bb3c411aca89153a",
"url" : "https://devrepo.devcloud.cn-north-7.ulanhqab.huawei.com/artgalaxy/cn-
north-7_5a775fdb14f4431b6c0015618140bc3_maven_5_120/",
"packageType" : "maven"
} ]
}
```

SDK 代码示例

SDK代码示例如下。

Java

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

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

public class ShowMavenInfoSolution {

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

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

        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
            .withCredential(auth)
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
            .build();
        ShowMavenInfoRequest request = new ShowMavenInfoRequest();
        try {
```

```
ShowMavenInfoResponse response = client.showMavenInfo(request);
System.out.println(response.toString());
} catch (ConnectionException e) {
    e.printStackTrace();
} catch (RequestTimeoutException e) {
    e.printStackTrace();
} catch (ServiceResponseException e) {
    e.printStackTrace();
    System.out.println(e.getHttpStatusCode());
    System.out.println(e.getRequestId());
    System.out.println(e.getErrorCode());
    System.out.println(e.getErrorMsg());
}
}
```

Python

```
# coding: utf-8

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

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

    credentials = BasicCredentials(ak, sk)

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

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

Go

```
package main

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

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

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

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

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

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

更多

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.3.7 创建非 maven 仓库

功能介绍

创建非maven仓库

调用方法

请参见[如何调用API](#)。

URI

POST /cloudartifact/v5/artifact/

请求参数

表 4-36 请求 Body 参数

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

响应参数

状态码： 200

表 4-37 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。
result	Object	参数解释: 请求返回结果, 接口不同, 返回不同。 取值范围: 根据不同接口有不同范围。

请求示例

创建非maven仓库

```
https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/artifact/  
  
{  
  "repository_name": "test-pypi",  
  "type": "hosted",  
  "format": "pypi",  
  "description": "",  
  "includes_pattern": "**/*",  
  "share_right": "PROJECT",  
  "project_id": "e2ee90487d6349dd944a5767225f6f55"  
}
```

响应示例

状态码: 200

OK

```
{  
  "status": "success",  
  "trace_id": "143003-1701176455154-4616",  
  "result": {  
    "artifactory": {  
      "status": null,  
      "domainId": "5a775fdb14f4431b6c0015618140bc3",  
      "region": "cn-north-7",  
      "createdTime": null,  
      "modifiedTime": null,  
      "createdUserId": "e9253deb37654775bb3c411aca89153a",  
      "createdUserName": "devcloud_devcloud_y00226182_01",  
      "modifiedUserId": "e9253deb37654775bb3c411aca89153a",  
      "modifiedUserName": "devcloud_devcloud_y00226182_01",  
      "name": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_pypi_41",  
      "disable": false,  
      "format": "pypi",  
      "type": "hosted",  
      "policy": null,  
      "tabId": null,  
      "repositoryName": "test-pypi",  
      "displayName": null,  
      "description": "",  
      "snapshot": null,  
      "release": null,  
      "npm": null,  
      "snapshotStatus": null,  
      "releaseStatus": null,  
      "projectId": "e2ee90487d6349dd944a5767225f6f55",  
      "includesPattern": "**/*",  
      "repositoryIds": null,  
      "uri": null,  
      "deploymentPolicy": null,  
      "repositories": null,  
      "parentRepoName": null,  
      "userName": null,  
      "password": null,  
      "remoteUrl": null,  
      "defaultDeployRepository": null,  
      "remoteType": null,  
      "proxy": null,  
      "allowAnonymous": null,  
      "autoCleanSnapshot": null,  
      "snapshotAliveDays": null,  
      "maxUniqueSnapshots": null,  
      "shareRight": "PROJECT",  
      "nexuRepo": false,  
      "url": "https://devrepo.devcloud.cn-north-7.ulanqab.huawei.com/artgalaxy/api/pypi/cn-north-7_5a775fdb14f4431b6c0015618140bc3_pypi_41/",  
      "packageType": "pypi"  
    }  
  }  
}
```

```
}  
}
```

SDK 代码示例

SDK代码示例如下。

Java

创建非maven仓库

```
package com.huaweicloud.sdk.test;  
  
import com.huaweicloud.sdk.core.auth.ICredential;  
import com.huaweicloud.sdk.core.auth.BasicCredentials;  
import com.huaweicloud.sdk.core.exception.ConnectionException;  
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;  
import com.huaweicloud.sdk.core.exception.ServiceResponseException;  
import com.huaweicloud.sdk.codeartsartifact.v2.region.CodeArtsArtifactRegion;  
import com.huaweicloud.sdk.codeartsartifact.v2.*;  
import com.huaweicloud.sdk.codeartsartifact.v2.model.*;  
  
public class CreateArtifactorySolution {  
  
    public static void main(String[] args) {  
        // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great  
        // security risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or  
        // environment variables and decrypted during use to ensure security.  
        // In this example, AK and SK are stored in environment variables for authentication. Before running  
        // this example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment  
        String ak = System.getenv("CLOUD_SDK_AK");  
        String sk = System.getenv("CLOUD_SDK_SK");  
  
        ICredential auth = new BasicCredentials()  
            .withAk(ak)  
            .withSk(sk);  
  
        CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()  
            .withCredential(auth)  
            .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))  
            .build();  
  
        CreateArtifactoryRequest request = new CreateArtifactoryRequest();  
        CreateNotMavenRepoDO body = new CreateNotMavenRepoDO();  
        body.withShareRight("PROJECT");  
        body.withProjectId("e2ee90487d6349dd944a5767225f6f55");  
        body.withIncludesPattern("**/*");  
        body.withDescription("");  
        body.withRepositoryName("test-pypi");  
        body.withType("hosted");  
        body.withFormat("pypi");  
        request.withBody(body);  
        try {  
            CreateArtifactoryResponse response = client.createArtifactory(request);  
            System.out.println(response.toString());  
        } catch (ConnectionException e) {  
            e.printStackTrace();  
        } catch (RequestTimeoutException e) {  
            e.printStackTrace();  
        } catch (ServiceResponseException e) {  
            e.printStackTrace();  
            System.out.println(e.getHttpStatusCode());  
            System.out.println(e.getRequestId());  
            System.out.println(e.getErrorCode());  
            System.out.println(e.getErrorMsg());  
        }  
    }  
}
```


Python

创建非maven仓库

```
# coding: utf-8

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

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

    credentials = BasicCredentials(ak, sk)

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

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

Go

创建非maven仓库

```
package main

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

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

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

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

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

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

更多

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.3.8 编辑非 maven 仓库信息

功能介绍

编辑非maven仓库信息

调用方法

请参见[如何调用API](#)。

URI

PUT /cloudartifact/v5/artifact/

请求参数

表 4-38 请求 Body 参数

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

响应参数

状态码： 200

表 4-39 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。

参数	参数类型	描述
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。
result	Object	参数解释: 请求返回结果, 接口不同, 返回不同。 取值范围: 根据不同接口有不同范围。

请求示例

更新非maven仓库

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

```
{
  "repository_ids": [ "cn-north-7_5a775fdb14f4431b6c0015618140bc3_pypi_41" ],
  "repo_name": "test-pypi",
  "format": "pypi",
  "description": "11",
  "includes_pattern": "11/**/*22/**/*",
  "deployment_policy": "allowRedeploy"
}
```

响应示例

状态码: 200

OK

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

SDK 代码示例

SDK代码示例如下。

Java

更新非maven仓库

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

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

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

public class UpdateArtifactorySolution {

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

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

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

Python

更新非Maven仓库

```
# coding: utf-8

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

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

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

credentials = BasicCredentials(ak, sk)

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

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

Go

更新非Maven仓库

```
package main

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

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

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

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

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

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

更多

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.4 仓库关联项目

4.4.1 查询项目管理关联仓库

功能介绍

查询项目管理关联仓库

调用方法

请参见[如何调用API](#)。

URI

GET /cloudartifact/v5/maven/repository/list

表 4-40 Query 参数

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

请求参数

无

响应参数

状态码： 200

表 4-41 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。
result	Array of objects	参数解释: 请求返回结果, 接口不同, 返回不同。 取值范围: 根据不同接口有不同范围。

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,
  "createdTime" : "2022-01-20 18:23:17",
  "createdUserId" : "e9253deb37654775bb3c411aca89153a",
  "createdUserName" : "devcloud_devcloud_y00226182_01",
  "modifiedTime" : "2023-11-28 11:25:22",
  "modifiedUserId" : "e9253deb37654775bb3c411aca89153a",
  "modifiedUserName" : "devcloud_devcloud_y00226182_01",
  "format" : "maven2",
  "repoType" : "hosted",
  "includesPattern" : "**/*",
  "url" : "https://devrepo.devcloud.cn-north-7.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();
        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

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

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

    credentials = BasicCredentials(ak, sk)

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

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

Go

```
package main

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

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
```

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

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

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

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

更多

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.4.2 项目关联仓库

功能介绍

项目关联仓库

调用方法

请参见[如何调用API](#)。

URI

POST /cloudartifact/v5/maven/project/repository

请求参数

表 4-42 请求 Body 参数

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

响应参数

状态码： 200

表 4-43 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。
result	Object	参数解释: 请求返回结果, 接口不同, 返回不同。 取值范围: 根据不同接口有不同范围。

请求示例

项目关联仓库

```
https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/maven/project/repository  
  
{  
  "project_id": "e2ee90487d6349dd944a5767225f6f55",  
  "ids": [ "5a775fdb14f4431b6c0015618140bc3_tab_maven2_23",  
    "5a775fdb14f4431b6c0015618140bc3_tab_maven2_120",  
    "5a775fdb14f4431b6c0015618140bc3_tab_maven2_201" ]  
}
```

响应示例

状态码： 200

OK

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

SDK 代码示例

SDK代码示例如下。

Java

项目关联仓库

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

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

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

public class CreateProjectRelatedRepositorySolution {

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

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

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

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

Python

项目关联仓库

```
# coding: utf-8

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

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

    credentials = BasicCredentials(ak, sk)

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

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

Go

项目关联仓库

```
package main

import (
    "fmt"
    "github.com/huaweicloud/huaweicloud-sdk-go-v3/core/auth/basic"
```

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

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

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

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

    request := &model.CreateProjectRelatedRepositoryRequest{}
    var listIdsbody = []string{
        "5a775fdb14f4431b6c0015618140bc3_tab_maven2_23",
        "5a775fdb14f4431b6c0015618140bc3_tab_maven2_120",
        "5a775fdb14f4431b6c0015618140bc3_tab_maven2_201",
    }
    projectIldIdPrivilageProjectInfo:= "e2ee90487d6349dd944a5767225f6f55"
    request.Body = &model.IdePrivilageProjectInfo{
        Ids: &listIdsbody,
        ProjectId: &projectIldIdPrivilageProjectInfo,
    }
    response, err := client.CreateProjectRelatedRepository(request)
    if err == nil {
        fmt.Printf("%+v\n", response)
    } else {
        fmt.Println(err)
    }
}
```

更多

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.5 仓库容量

4.5.1 仓库用量查询

功能介绍

仓库用量查询

调用方法

请参见[如何调用API](#)。

URI

GET /cloudartifact/v5/storage

表 4-44 Query 参数

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

请求参数

无

响应参数

状态码： 200

表 4-45 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。
result	Object	参数解释: 请求返回结果, 接口不同, 返回不同。 取值范围: 根据不同接口有不同范围。

请求示例

仓库用量查询

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

响应示例

状态码: 200

OK

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

SDK 代码示例

SDK代码示例如下。

Java

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

import com.huaweicloud.sdk.core.auth.ICredential;
import com.huaweicloud.sdk.core.auth.BasicCredentials;
import com.huaweicloud.sdk.core.exception.ConnectionException;
import com.huaweicloud.sdk.core.exception.RequestTimeoutException;
import com.huaweicloud.sdk.core.exception.ServiceResponseException;
```

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

public class ShowStorageSolution {

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

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

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

Python

```
# coding: utf-8

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

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    # variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    # example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.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()
response = client.show_storage(request)
print(response)
except exceptions.ClientRequestException as e:
    print(e.status_code)
    print(e.request_id)
    print(e.error_code)
    print(e.error_msg)
```

Go

```
package main

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

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

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

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

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

更多

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.6 搜索

4.6.1 通过 checksum 搜索文件

功能介绍

通过checksum搜索文件

调用方法

请参见[如何调用API](#)。

URI

GET /cloudartifact/v5/search/checksum

表 4-46 Query 参数

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

参数	是否必选	参数类型	描述
page_size	否	Integer	<p>参数解释: 每页大小。</p> <p>约束限制: 不涉及。</p> <p>取值范围: 最小值1, 最大值100。</p> <p>默认取值: 10</p>
format	否	String	<p>参数解释: 仓库类型。</p> <p>约束限制: 不涉及。</p> <p>取值范围: 允许的类型为: maven2 npm go pypi rpm composer debian conan nuget docker2 cocoapods ohpm。</p> <p>默认取值: 不涉及。</p>
in_project	否	String	<p>参数解释: 是否在项目中, 值为true, project_id 有值时, 查询指定项目数据; project_id 无值时, 查询当前账号所有项目数据。值为false或不传值时查询当前租户下未关联项目的仓库数据。</p> <p>约束限制: 不涉及。</p> <p>取值范围: true or false。</p> <p>默认取值: 不涉及。</p>

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

请求参数

无

响应参数

状态码: 200

表 4-47 响应 Body 参数

参数	参数类型	描述
status	String	<p>参数解释: 请求成功、失败状态。</p> <p>取值范围: success: 请求成功。 error: 请求失败。</p>
trace_id	String	<p>参数解释: 请求id, 当前请求唯一标识。</p> <p>取值范围: 数字及中划线(-)组成的字符串。</p>
result	Array of objects	<p>参数解释: 请求返回结果, 接口不同, 返回不同。</p> <p>取值范围: 根据不同接口有不同范围。</p>

请求示例

通过checksum搜索文件

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

响应示例

状态码： 200

OK

```
{
  "status": "success",
  "trace_id": "143006-1701220804200-277",
  "result": [ {
    "name": "mod.txt",
    "relativePath": "1/1/mod.txt",
    "createdBy": null,
    "createdUserName": "devcloud_devcloud_y00226182_01",
    "created": null,
    "modified": "2023-11-29T09:19:13.711+08:00",
    "repo": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_pypi_40",
    "repoName": "testpypi",
    "displayName": null,
    "oldRepoId": "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();
try {
    SearchByChecksumResponse response = client.searchByChecksum(request);
    System.out.println(response.toString());
} catch (ConnectionException e) {
    e.printStackTrace();
} catch (RequestTimeoutException e) {
    e.printStackTrace();
} catch (ServiceResponseException e) {
    e.printStackTrace();
    System.out.println(e.getHttpStatusCode());
    System.out.println(e.getRequestId());
    System.out.println(e.getErrorCode());
    System.out.println(e.getErrorMsg());
}
}
```

Python

```
# coding: utf-8

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

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

    credentials = BasicCredentials(ak, sk)

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

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

Go

```
package main

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



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

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

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

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

更多

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.6.2 统筹搜索

功能介绍

统筹搜索

调用方法

请参见[如何调用API](#)。

URI

POST /cloudartifact/v5/tree/repos/artifacts

请求参数

表 4-48 请求 Body 参数

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

响应参数

状态码： 200

表 4-49 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。
result	Object	参数解释: 请求返回结果, 接口不同, 返回不同。 取值范围: 根据不同接口有不同范围。

请求示例

统筹搜索

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

```
{
  "artifact_name": "mod.txt",
```

```
"artifact_type" : "pypi",
"page_no" : 1,
"page_size" : 10,
"project_id" : "e2ee90487d6349dd944a5767225f6f55",
"in_project" : true
}
```

响应示例

状态码： 200

OK

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

SDK 代码示例

SDK代码示例如下。

Java

统筹搜索

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

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

public class SearchArtifactsSolution {

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

        ICredential auth = new BasicCredentials()
```

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

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

Python

统筹搜索

```
# coding: utf-8

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

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

    credentials = BasicCredentials(ak, sk)

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

    try:
        request = 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](#)。

4.7 用户管理

4.7.1 重置用户密码

功能介绍

重置用户密码

调用方法

请参见[如何调用API](#)。

URI

POST /cloudartifact/v5/maven/users/me

请求参数

无

响应参数

状态码： 200

表 4-50 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。
result	Object	参数解释: 请求返回结果, 接口不同, 返回不同。 取值范围: 根据不同接口有不同范围。

请求示例

重置用户的密码

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

响应示例

状态码: 200

OK

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

SDK 代码示例

SDK代码示例如下。

Java

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

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

public class ResetUserPasswordSolution {

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

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

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

Python

```
# coding: utf-8

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

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



```
credentials = BasicCredentials(ak, sk)

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

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

Go

```
package main

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

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

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

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

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

更多

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.8 仓库详情

4.8.1 查询仓库详情，不会去统计仓库下的制品数量

功能介绍

查询仓库详情，不会去统计仓库下的制品数量

调用方法

请参见[如何调用API](#)。

URI

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

表 4-51 路径参数

参数	是否必选	参数类型	描述
tenant_id	是	String	参数解释： 租户ID。 约束限制： 必传。 取值范围： 字符串长度不少于1。 默认取值：不涉及。

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

表 4-52 Query 参数

参数	是否必选	参数类型	描述
group_id	否	String	<p>参数解释： 用户组ID。</p> <p>约束限制： 不涉及。</p> <p>取值范围： 不涉及。</p> <p>默认取值： 不涉及。</p>
page_no	否	Integer	<p>参数解释： 查询获取仓库列表分页数量。</p> <p>约束限制： 不涉及。</p> <p>取值范围： 1~100000000。</p> <p>默认取值： 1。</p>

参数	是否必选	参数类型	描述
page_size	否	Integer	<p>参数解释： 查询获取仓库列表分页后每一页展示的仓库数量。</p> <p>约束限制： 不涉及。</p> <p>取值范围： 1~100。</p> <p>默认取值： 10。</p>
sort	否	String	<p>参数解释： 排序类型。</p> <p>约束限制： 不涉及。</p> <p>取值范围： 不涉及。</p> <p>默认取值： 不涉及。</p>
qname	否	String	<p>参数解释： 查询内容。</p> <p>约束限制： 不涉及。</p> <p>取值范围： 不涉及。</p> <p>默认取值： 不涉及。</p>
type	否	String	<p>参数解释： 仓库类型。</p> <p>约束限制： 不涉及。</p> <p>取值范围： hosted, local, virtual, remote, proxy。</p> <p>默认取值： 不涉及。</p>

参数	是否必选	参数类型	描述
format	否	String	<p>参数解释： 仓库格式。比如：maven2, docker, conan, debian, go 等。只能指定某一种格式。</p> <p>约束限制： 不涉及。</p> <p>取值范围： maven2, docker, conan, debian, go, nuget, rpm, pypi, npm, cocoapods, generic。</p> <p>默认取值： 不涉及。</p>
format_list	否	String	<p>参数解释： 仓库格式列表。可以指定多种格式，格式之间用逗号分隔。</p> <p>约束限制： 不涉及。</p> <p>取值范围： maven2, docker, conan, debian, go, nuget, rpm, pypi, npm, cocoapods, generic。</p> <p>默认取值： 不涉及。</p>
is_recycle_bin	否	Boolean	<p>参数解释： 是否是回收站仓库。</p> <p>约束限制： 不涉及。</p> <p>取值范围： true: 查询回收站中仓库 false: 查询活跃状态仓库</p> <p>默认取值： 不涉及。</p>

参数	是否必选	参数类型	描述
is_need_pagination	否	Boolean	<p>参数解释： 是否需要分页</p> <p>约束限制： 不涉及。</p> <p>取值范围： true：需要分页 false：不分页</p> <p>默认取值： 不涉及。</p>
in_project	否	Boolean	<p>是否在项目中。</p> <p>约束限制： 不涉及。</p> <p>取值范围： true：项目中 false：不在项目中</p> <p>默认取值： 不涉及。</p>

请求参数

无

响应参数

状态码： 200

表 4-53 响应 Body 参数

参数	参数类型	描述
status	String	<p>参数解释： 请求成功、失败状态。</p> <p>取值范围： success: 请求成功。 error: 请求失败。</p>
trace_id	String	<p>参数解释： 请求id，当前请求唯一标识。</p> <p>取值范围： 数字及中划线(-)组成的字符串。</p>

参数	参数类型	描述
result	Object	参数解释: 请求返回结果，接口不同，返回不同。 取值范围: 根据不同接口有不同范围。

请求示例

查询仓库详情，不会去统计仓库下的制品数量

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

响应示例

状态码： 200

OK

```
{
  "status": "success",
  "trace_id": "143006-1701221592150-283",
  "result": {
    "total": 183,
    "repositories": [ {
      "id": null,
      "name": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_conan_5",
      "description": "1,0",
      "createTime": "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.ulnqab.huawei.com/artgalaxy/api/conan/cn-
      north-7_5a775fdb14f4431b6c0015618140bc3_conan_5/",
      "storageSummaryInfo": null,
      "projectId": null,
      "shareRight": null,
      "deploymentPolicy": null,
      "repositoryName": "5465653",
      "displayName": null,
      "policy": null,
      "tabId": null,
      "status": "active",
      "domainId": "5a775fdb14f4431b6c0015618140bc3",
      "region": "cn-north-7",
      "uri": null,
      "disable": false,
      "packageType": "conan"
    }, {
      "id": null,
      "name": "cn-north-7_5a775fdb14f4431b6c0015618140bc3_conan_6",
      "description": "",
      "createTime": "2022-08-22 17:21:15",
```

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

SDK 代码示例

SDK代码示例如下。

Java

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

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

public class ListAllRepositoriesSolution {

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

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

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



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

Python

```
# coding: utf-8

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

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

    credentials = BasicCredentials(ak, sk)

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

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

Go

```
package main

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

func main() {
    // The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
```

```

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

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

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

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

更多

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.8.2 查询单个仓库详细信息，会去统计仓库下的制品数量

功能介绍

查询单个仓库详细信息，会去统计仓库下的制品数量

调用方法

请参见[如何调用API](#)。

URI

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

表 4-54 路径参数

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

表 4-55 Query 参数

参数	是否必选	参数类型	描述
region	是	String	服务区

请求参数

无

响应参数

状态码： 200

表 4-56 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。
result	Object	参数解释: 请求返回结果, 接口不同, 返回不同。 取值范围: 根据不同接口有不同范围。

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

SDK 代码示例

SDK代码示例如下。

Java

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

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

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

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

Python

```
# coding: utf-8

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

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

    credentials = BasicCredentials(ak, sk)

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

    try:
        request = ShowRepositoryRequest()
        request.tenant_id = "{tenant_id}"
        request.project_id = "{project_id}"
        request.repo_id = "{repo_id}"
```

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

Go

```
package main

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

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

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

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

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

更多

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.8.3 查询存储容量趋势

功能介绍

查询存储容量趋势

调用方法

请参见[如何调用API](#)。

URI

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

表 4-57 路径参数

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

表 4-58 Query 参数

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

请求参数

无

响应参数

状态码： 200

表 4-59 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。
result	Array of objects	参数解释: 请求返回结果, 接口不同, 返回不同。 取值范围: 根据不同接口有不同范围。

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();
ListArtifactStorageStatisticRequest request = new ListArtifactStorageStatisticRequest();
request.withTenantId("{tenant_id}");
request.withProjectId("{project_id}");
try {
    ListArtifactStorageStatisticResponse response = client.listArtifactStorageStatistic(request);
    System.out.println(response.toString());
} catch (ConnectionException e) {
    e.printStackTrace();
} catch (RequestTimeoutException e) {
    e.printStackTrace();
} catch (ServiceResponseException e) {
    e.printStackTrace();
    System.out.println(e.getHttpStatusCode());
    System.out.println(e.getRequestId());
    System.out.println(e.getErrorCode());
    System.out.println(e.getErrorMsg());
}
}
```

Python

```
# coding: utf-8

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

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

    credentials = BasicCredentials(ak, sk)

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

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

Go

```
package main

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

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

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

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

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

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

更多

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.9 审计日志

4.9.1 查询仓库或文件的审计日志信息

功能介绍

查询仓库或文件的审计日志信息

调用方法

请参见[如何调用API](#)。

URI

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

表 4-60 路径参数

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

表 4-61 Query 参数

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

请求参数

无

响应参数

状态码： 200

表 4-62 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。


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

public class ShowAuditSolution {

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

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

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

        ShowAuditRequest request = new ShowAuditRequest();
        request.withTenantId("{tenant_id}");
        request.withProjectId("{project_id}");
        request.withModule("{module}");
        request.withRepo("{repo}");
        try {
            ShowAuditResponse response = client.showAudit(request);
            System.out.println(response.toString());
        } catch (ConnectionException e) {
            e.printStackTrace();
        } catch (RequestTimeoutException e) {
            e.printStackTrace();
        } catch (ServiceResponseException e) {
            e.printStackTrace();
            System.out.println(e.getHttpStatusCode());
            System.out.println(e.getRequestId());
            System.out.println(e.getErrorCode());
            System.out.println(e.getErrorMsg());
        }
    }
}
```

Python

```
# coding: utf-8

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

if __name__ == "__main__":
    # The AK and SK used for authentication are hard-coded or stored in plaintext, which has great security
    # risks. It is recommended that the AK and SK be stored in ciphertext in configuration files or environment
    # variables and decrypted during use to ensure security.
    # In this example, AK and SK are stored in environment variables for authentication. Before running this
    # example, set environment variables CLOUD_SDK_AK and CLOUD_SDK_SK in the local environment
    ak = os.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.tenant_id = "{tenant_id}"
    request.project_id = "{project_id}"
    request.module = "{module}"
    request.repo = "{repo}"
    response = client.show_audit(request)
    print(response)
except exceptions.ClientRequestException as e:
    print(e.status_code)
    print(e.request_id)
    print(e.error_code)
    print(e.error_msg)

```

Go

```

package main

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

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

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

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

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

```

更多

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.10 关注

4.10.1 关注组件/取消关注组件

功能介绍

关注组件/取消关注组件

调用方法

请参见[如何调用API](#)。

URI

POST /cloudartifact/v5/attention

请求参数

表 4-63 请求 Body 参数

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

响应参数

状态码： 200

表 4-64 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。
result	Object	参数解释: 请求返回结果, 接口不同, 返回不同。 取值范围: 根据不同接口有不同范围。

请求示例

关注组件/取消关注组件

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

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

响应示例

状态码: 200

OK

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

SDK 代码示例

SDK代码示例如下。

Java

关注组件/取消关注组件

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

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

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

public class CreateAttentionSolution {

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

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

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

        CreateAttentionRequest request = new CreateAttentionRequest();
        AttentionDO body = new AttentionDO();
        List<String> listbodyIds = new ArrayList<>();
        listbodyIds.add("cn-north-7_5a775fdb14f4431b6c0015618140bc3_maven_1_108/1/1/1-1-1.jar");
        body.withFormat("npm");
        body.withIds(listbodyIds);
        body.withAttention("0");
        request.withBody(body);
        try {
            CreateAttentionResponse response = client.createAttention(request);
            System.out.println(response.toString());
        } catch (ConnectionException e) {
            e.printStackTrace();
        } catch (RequestTimeoutException e) {
            e.printStackTrace();
        } catch (ServiceResponseException e) {
            e.printStackTrace();
            System.out.println(e.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

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

if __name__ == "__main__":
```

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

credentials = BasicCredentials(ak, sk)

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

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

Go

关注组件/取消关注组件

```
package main

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

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

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

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

    request := &model.CreateAttentionRequest{}
    var listIdsbody = []string{
```

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

更多

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.10.2 查询关注列表

功能介绍

查询关注列表

调用方法

请参见[如何调用API](#)。

URI

GET /cloudartifact/v5/attention/artifacts

表 4-65 Query 参数

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

请求参数

无

响应参数

状态码： 200

表 4-66 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。
result	Object	参数解释: 请求返回结果, 接口不同, 返回不同。 取值范围: 根据不同接口有不同范围。

请求示例

查询关注列表

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

响应示例

状态码: 200

OK

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

SDK 代码示例

SDK代码示例如下。

Java

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

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

public class ListAttentionsSolution {

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

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

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

Python

```
# coding: utf-8

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

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

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

credentials = BasicCredentials(ak, sk)

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

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

Go

```
package main

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

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

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

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

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

更多

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.11 文件管理

4.11.1 查询仓库文件夹目录

功能介绍

查询仓库文件夹目录

调用方法

请参见[如何调用API](#)。

URI

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

表 4-67 路径参数

参数	是否必选	参数类型	描述
tenant_id	是	String	参数解释： 租户id。 约束限制： 不涉及。 取值范围： 字符串长度不小于1。 默认取值： 不涉及。

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

表 4-68 Query 参数

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

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

请求参数

无

响应参数

状态码： 200

表 4-69 响应 Body 参数

参数	参数类型	描述
status	String	参数解释： 请求成功、失败状态。 取值范围： success: 请求成功。 error: 请求失败。
trace_id	String	参数解释： 请求id，当前请求唯一标识。 取值范围： 数字及中划线(-)组成的字符串。


```
public class ShowFileTreeSolution {

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

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

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

Python

```
# coding: utf-8

import os
from huaweicloudsdkcore.auth.credentials import BasicCredentials
from huaweicloudsdkcodeartsartifact.v2.region.codeartsartifact 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.tenant_id = "{tenant_id}"
request.project_id = "{project_id}"
request.repo_name = "{repo_name}"
response = client.show_file_tree(request)
print(response)
except exceptions.ClientRequestException as e:
    print(e.status_code)
    print(e.request_id)
    print(e.error_code)
    print(e.error_msg)

```

Go

```

package main

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

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

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

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

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

```

更多

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.11.2 查询仓库文件详情

功能介绍

查询仓库文件详情

调用方法

请参见[如何调用API](#)。

URI

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

表 4-70 路径参数

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

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

表 4-71 Query 参数

参数	是否必选	参数类型	描述
path	是	String	参数解释： 仓库路径。 约束限制： 必传。 取值范围： 不涉及。 默认取值： 不涉及。
format	是	String	参数解释： 仓库格式。 约束限制： 必传。 取值范围： maven2, docker, conan, debian, go, nuget, rpm, pypi, npm, cocoapods, generic。 默认取值： 不涉及。

参数	是否必选	参数类型	描述
instance_id	否	String	参数解释： 实例id。 约束限制： 当前未使用该参数。 取值范围： 不涉及。 默认取值： 不涉及。

请求参数

无

响应参数

状态码： 200

表 4-72 响应 Body 参数

参数	参数类型	描述
status	String	参数解释： 请求成功、失败状态。 取值范围： success: 请求成功。 error: 请求失败。
trace_id	String	参数解释： 请求id，当前请求唯一标识。 取值范围： 数字及中划线(-)组成的字符串。
result	Object	参数解释： 请求返回结果，接口不同，返回不同。 取值范围： 根据不同接口有不同范围。

请求示例

查询仓库文件详情

```
https://artifact.cn-south-1.myhuaweicloud.com/cloudartifact/v5/00000000000000000000000000000000/1111111111111111111111111111111111111111/cn-
```

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

响应示例

状态码： 200

OK

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

SDK 代码示例

SDK代码示例如下。

Java

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

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

public class ListArtifactoryComponentSolution {

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

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

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

Python

```
# coding: utf-8

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

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

```
credentials = BasicCredentials(ak, sk)

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

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

Go

```
package main

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

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

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

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

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

更多

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.11.3 非 maven 删除文件

功能介绍

非maven删除文件

调用方法

请参见[如何调用API](#)。

URI

DELETE /cloudartifact/v5/file

请求参数

表 4-73 请求 Body 参数

参数	是否必选	参数类型	描述
path	是	String	文件路径

响应参数

状态码： 200

表 4-74 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。

参数	参数类型	描述
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。
result	Object	参数解释: 请求返回结果, 接口不同, 返回不同。 取值范围: 根据不同接口有不同范围。

请求示例

非Maven删除文件

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

```
{
  "path" : "cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_19/down/down/
GOR7zo553IL44I063cdVKui7n58078"
}
```

响应示例

状态码: 200

OK

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

SDK 代码示例

SDK代码示例如下。

Java

非Maven删除文件

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

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

public class DeleteArtifactFileSolution {
```

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

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

    CodeArtsArtifactClient client = CodeArtsArtifactClient.newBuilder()
        .withCredential(auth)
        .withRegion(CodeArtsArtifactRegion.valueOf("<YOUR REGION>"))
        .build();
    DeleteArtifactFileRequest request = new DeleteArtifactFileRequest();
    PathMap body = new PathMap();
    body.withPath("cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_19/down/down/
GOR7zo553IL44I063cdVKui7n58078");
    request.withBody(body);
    try {
        DeleteArtifactFileResponse response = client.deleteArtifactFile(request);
        System.out.println(response.toString());
    } catch (ConnectionException e) {
        e.printStackTrace();
    } catch (RequestTimeoutException e) {
        e.printStackTrace();
    } catch (ServiceResponseException e) {
        e.printStackTrace();
        System.out.println(e.getStatusCode());
        System.out.println(e.getRequestId());
        System.out.println(e.getErrorCode());
        System.out.println(e.getErrorMsg());
    }
}
```

Python

非Emaven删除文件

```
# coding: utf-8

import os
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 = DeleteArtifactFileRequest()
```

```
request.body = PathMap(  
    path="cn-north-7_5a775fdb14f4431b6c0015618140bc3_go_19/down/down/  
GOR7zo553IL44I063cdVKui7n58078"  
)  
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Emaven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/  
GOR7zo553IL44I063cdVKui7n58078",  
    }  
    response, err := client.DeleteArtifactFile(request)  
    if err == nil {  
        fmt.Printf("%v\n", response)  
    } else {  
        fmt.Println(err)  
    }  
}
```

更多

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.12 发布库套餐查询

4.12.1 获取当前用户的套餐信息

功能介绍

获取当前用户的套餐信息

调用方法

请参见[如何调用API](#)。

URI

GET /devreposerver/v5/data/package

表 4-75 Query 参数

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

请求参数

无

响应参数

状态码: 200

表 4-76 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。
result	Object	参数解释: 请求返回结果, 接口不同, 返回不同。 取值范围: 根据不同接口有不同范围。

请求示例

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

响应示例

状态码: 200

OK

```
{
  "status": "success",
  "trace_id": "142838-1718767424403-26988",
  "result": {
    "needNotice": true,
    "crossTenant": false,
    "packageType": 13,
    "packageStatus": 1,
    "totalStorage": "500GB",
    "totalDownloadTraffic": "100GB",
    "usedStorage": "46.69GB",
    "monthUsedTraffic": "361.0B",
    "storagePercent": 0.09,
    "trafficPercent": 0,
    "packageDetail": 0,
    "maxRepoNum": "Infinity"
  }
}
```

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.12.2 获取当前用户的套餐状态

功能介绍

获取当前用户的套餐状态

调用方法

请参见[如何调用API](#)。

URI

GET /devreposerver/v5/data/package/info

表 4-77 Query 参数

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

请求参数

无

响应参数

状态码： 200

表 4-78 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。

参数	参数类型	描述
result	Object	参数解释: 请求返回结果，接口不同，返回不同。 取值范围: 根据不同接口有不同范围。

请求示例

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

响应示例

状态码: 200

OK

```
{
  "status": "success",
  "trace_id": "76629-1718767405716-27335",
  "result": {
    "codeartsStorageExtension": {
      "resourceId": "7590809a5c9d42ae92b49b1190e94666",
      "serviceType": "hws.resource.type.codearts.extension.storage",
      "packageStatus": 2,
      "remainDays": 11,
      "nextActionUrl": "https://localhost.com/usercenter/?region=region&locale=zh-cn#/renewal?subscriptionId=01154-618666699-0&orderId=CS24066664337FWPY&isFrom=expense"
    },
    "codeartsTrafficExtension": {
      "resourceId": "37c9064954924750b2350e2d03e66666",
      "serviceType": "hws.resource.type.codearts.extension.flow",
      "packageStatus": 2,
      "remainDays": 11,
      "nextActionUrl": "https://localhost.com/usercenter/?region=region&locale=zh-cn#/renewal?subscriptionId=01154-618366663-0&orderId=CS24052666637LJS1&isFrom=expense"
    }
  }
}
```

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.13 发布库文件管理

4.13.1 彻底删除文件/文件夹

功能介绍

彻底删除文件/文件夹

调用方法

请参见[如何调用API](#)。

URI

DELETE /devreposerver/v5/files/compelation

请求参数

表 4-79 请求 Header 参数

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

表 4-80 请求 Body 参数

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

响应参数

状态码： 200

表 4-81 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。

参数	参数类型	描述
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。
result	Object	参数解释: 请求返回结果, 接口不同, 返回不同。 取值范围: 根据不同接口有不同范围。

请求示例

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

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

响应示例

状态码: 200

OK

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.13.2 分页查询构建归档包列表

功能介绍

分页查询构建归档包列表

调用方法

请参见[如何调用API](#)。

URI

GET /devreposerver/v5/files/archives

表 4-82 Query 参数

参数	是否必选	参数类型	描述
parent_id	否	String	父节点id
build_id	否	String	构建id
build_no	否	String	构建序号
page_no	否	Integer	页数
page_size	否	Integer	每页数据量
repo_branch	否	String	codehub仓库分支

请求参数

无

响应参数

状态码： 200

表 4-83 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。

参数	参数类型	描述
result	Object	<p>参数解释: 请求返回结果，接口不同，返回不同。</p> <p>取值范围: 根据不同接口有不同范围。</p>

请求示例

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

响应示例

状态码: 200

OK

```
{
  "status": "success",
  "trace_id": "76629-1718767414372-27337",
  "result": {
    "data": [ {
      "domainId": "09d2ca2f5080d5b60f51c00ae5666666",
      "region": "region",
      "createdTime": "2024-02-27 18:29:19",
      "createdUserId": "09d2ca2ffd00d3c21ff8c00a4d666666",
      "createdUserName": "test-user",
      "buildId": "11236703da854239ab51209ea7666666",
      "buildName": "maven1-23414517",
      "buildNo": "20240227.3",
      "buildVersion": "20240227.3",
      "buildUrl": "https://localhost.com/codeci/project/1bbdd388234492793eb1bf59e666666/codeci/detail/
workspace/11236703da854239ab51209ea7666666/3",
      "repoUrl": "",
      "repoBranch": "master",
      "commitId": "66666683c1590363818225ec649d7cf161f0d49c",
      "projectId": "1bbdd388234492793eb1bf59e666666",
      "fileId": "666666f9d76f405a8d503b841de02b51",
      "repoName": "region_1bbdd388234492793eb1bf59e666666_generic_0",
      "parentId": "66666687399849b782b13c9512fbb3b6",
      "fileName": "HelloWorld.class",
      "size": 534,
      "md5": "e06fcae2912a318db12955f37cd9230b",
      "sha256": "96f5666537da969efee5f51f2969771b3743ada63fde57e42ad210c116ceedaf",
      "downloadUrlWithId": "https://localhost.com/DevRepoServer/v1/files/download?
file_id=666666f9d76f405a8d503b841de02b51&type=archive",
      "webUrl": "https://localhost.com/cloudartifact/project/1bbdd388234492793eb1bf59e666666/private/
general?parentId=66666687399849b782b13c9512fbb3b6",
      "versionEnable": false,
      "migratedState": 2,
      "repoSameTrashFileName": "trash_e653c9f9d76f405a8d503b841666666"
    } ],
    "totalRecords": 1,
    "totalPages": 1
  }
}
```


状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.14 发布库仓库详情

4.14.1 查询项目自动删除任务设置

功能介绍

查询项目自动删除任务设置

调用方法

请参见[如何调用API](#)。

URI

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

表 4-84 路径参数

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

请求参数

无

响应参数

状态码： 200

表 4-85 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。
trace_id	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。
result	Object	参数解释: 请求返回结果, 接口不同, 返回不同。 取值范围: 根据不同接口有不同范围。

请求示例

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

响应示例

状态码: 200

OK

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

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

4.15 权限查看

4.15.1 查询用户在项目下的权限

功能介绍

查询用户在项目下的权限

调用方法

请参见[如何调用API](#)。

URI

GET /cloudartifact/v3/user/{project_id}/privileges

表 4-86 路径参数

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

请求参数

无

响应参数

状态码: 200

表 4-87 响应 Body 参数

参数	参数类型	描述
status	String	参数解释: 请求成功、失败状态。 取值范围: success: 请求成功。 error: 请求失败。
traceld	String	参数解释: 请求id, 当前请求唯一标识。 取值范围: 数字及中划线(-)组成的字符串。
result	result object	参数解释: 请求返回结果, 接口不同, 返回不同。 取值范围: 根据不同接口有不同范围。

表 4-88 result

参数	参数类型	描述
operations	String	参数解释: 操作列表。 取值范围: 英文字符串, 使用英文逗号分隔。
operationsIndex	Array of integers	参数解释: 操作序列号。 取值范围: 数字。
role_id	String	参数解释: 角色id。 取值范围: 32位英文、数字随机字符串。

参数	参数类型	描述
role_name	String	参数解释: 角色英文名称。 取值范围: Project manager, Product manager, Test manager, Operation manager, System engineer, Committer, Developer, Testter, Participant, Viever及自定义角色。
role_chinese_name	String	参数解释: 角色中文名称。 取值范围: 项目经理, 产品经理, 测试经理, 运维经理, 系统工程师, Committer, 开发人员, 测试人员, 参与者, 浏览者及自定义角色。
project_id	String	项目id。 取值范围: 32位英文、数字随机字符串。
area_service_id	String	参数解释: area服务id。 取值范围: 32位英文、数字随机字符串。
granted_object_path	String	参数解释: 授权对象路径。 取值范围: 英文、数字、斜线 (/)、星号 (*) 字符串
granted_object_type_id	String	参数解释: 授权对象类型id。 取值范围: 32位英文、数字随机字符串。

请求示例

<https://{endpoint}/cloudartifact/v3/user/6666669620d743eca6a57881a0f006fd/privileges>

响应示例

状态码: 200

OK

```
{
  "status": "success",
  "tracelid": "143006-1700618253925-55",
  "result": {
    "operations": "editRepository,restore,physicdelete,clearall",
    "operationsIndex": [ 2, 4, 5, 7 ],
    "role_id": "ca9615b14a794146ad1ff3ad9ba79666",
    "role_name": "Developer",
    "role_chinese_name": "开发人员",
    "project_id": "bef3419620d743eca6a57881a0f00666",
    "area_service_id": "c0ec24a435a640728b07785d882cf666",
    "granted_object_path": "/xxx/aaa/bbb/*",
    "granted_object_type_id": "f9fa2e8207254e14a7a0b1fa99ce9666"
  }
}
```

状态码

状态码	描述
200	OK

错误码

请参见[错误码](#)。

5 附录

[状态码](#)

[错误码](#)

[获取项目ID](#)

[获取账号ID](#)

5.1 状态码

表 5-1 状态码

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

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

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

5.2 错误码

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

更多服务错误码请参见[API错误中心](#)。

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

5.3 获取项目 ID

调用 API 取项目 ID

项目ID还用通过调用[查询指定条件下的项目信息](#)API获取。

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

响应示例如下，其中“projects”下的“id”即为项目ID。

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

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

从控制台获取项目 ID

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

1. 登录管理控制台。

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

图 5-1 查看项目 ID



说明

多项目时，展开“所属区域”，从“项目ID”列获取子项目ID。

5.4 获取帐号 ID

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

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

图 5-2 获取帐号 ID

