

云数据库 HBase 版

SDK参考

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阿里云HBase支持以下类型的SDK：

- Java SDK
- Python SDK
- PHP SDK
- .NET SDK
- C/C++ SDK
- Go SDK

SDK使用说明和下载地址

说明以下版本仅供参考，请通过Marven下载最新版本的SDK。

```
<dependency>
<groupId>com.aliyun</groupId>
<artifactId>aliyun-java-sdk-hbase</artifactId>
<version>2.0.0</version>
</dependency>
<dependency>
<groupId>com.aliyun</groupId>
<artifactId>aliyun-java-sdk-core</artifactId>
<version>4.4.7</version>
</dependency>
```

Java SDK for HBase OpenApi使用参考

欢迎使用阿里云开发者工具套件（Alibaba Cloud SDK for Java）。Alibaba Cloud SDK for Java让您不用复杂编程即可访问云数据库HBase版。本教程介绍如何安装并开始使用Alibaba Cloud SDK for Java。

前置条件

1、创建AccessKey

在线调试和生成SDK示例

OpenAPI Explorer提供在线调用云产品API、动态生成 SDK示例代码和快速检索接口等功能，能显著降低使用API的难度，推荐您使用，进入页面后，选择HBase产品，提供了接口列表，且包含了各个语言的调试demo，供大家参考。

1、安装下载Alibaba Cloud SDK for Java

注意：通过maven引用sdk包时，请下载最新的版本。

2、示例demo

1) 设置环境参数

```
DefaultProfile profile = DefaultProfile.getProfile("cn-hangzhou",
"LTAI4FvzUftE*****", "PxPzgeIK1XCkWBXW*****");
// 以下非必选项，可默认
DefaultProfile.addEndpoint(
"cn-hangzhou", // 地域ID
"hbase", // 产品编码
"hbase.aliyuncs.com" // 接入地址，即域名
);
```

2) 初始化客户端

```
IAcsClient client = new DefaultAcsClient(profile);
```

3) 构造请求对象

```
DescribeInstanceRequest request = new DescribeInstanceRequest();
request.setClusterId("ap-*****");
```

4) 请求调用

```
DescribeInstanceResponse response;
try {
response = client.getAcsResponse(request);
System.out.println(new Gson().toJson(response));
} catch (ClientException e) {
e.printStackTrace();
}
```

参考示例

```
DefaultProfile profile = DefaultProfile.getProfile("cn-hangzhou",
"ak*****", "akSecret*****");
DefaultProfile.addEndpoint(
"cn-hangzhou", // 地域ID
"hbase", // 产品编码
"hbase.aliyuncs.com" // 接入地址，即域名
);
IAcsClient client = new DefaultAcsClient(profile);
DescribeInstanceRequest request = new DescribeInstanceRequest();
request.setClusterId("ap-*****");
DescribeInstanceResponse response;
try {
response = client.getAcsResponse(request);
System.out.println(new Gson().toJson(response));
} catch (ClientException e) {
e.printStackTrace();
}
```

响应示例

```
{
"requestId": "2817B189-6927-41E0-879F-*****",
"instanceId": "ap-*****",
"instanceName": "myInstanceName",
"status": "ACTIVATION",
"payType": "PayAsYouGo",
"createdTime": "2019-10-31T21:50:14",
"majorVersion": "2.0",
"minorVersion": "2.4.3.1",
"engine": "spark",
"networkType": "VPC",
"vpcId": "vpc-*****",
"vswitchId": "vsw-*****",
"masterInstanceType": "spark.sn1.medium",
"masterNodeCount": 2,
"masterDiskType": "",
"masterDiskSize": 0,
"coreInstanceType": "spark.sn1.large",
"coreNodeCount": 4,
"coreDiskType": "cloud_efficiency",
"coreDiskSize": 100,
"regionId": "cn-hangzhou",
"zoneId": "cn-hangzhou-f",
"coldStorageStatus": "close",
"backupStatus": "close",
"tags": [
]
}
```