

批量计算 SDK 文档 产品文档



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SDK 文档

使用指南

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您可以通过以下视频了解并开始使用批量计算 SDK：

[点击查看视频](#)

开发准备

- 选择不同语言的 SDK，[下载和安装](#)。
- 首次使用批量计算，参考 [开始前的准备](#)。
- 了解更多接口参数，参考 [API 文档](#)。

接入步骤

腾讯云提供了一个代码 [在线生成工具](#)，以交互式的体验，提供不同语言 SDK 代码示例。

1. 产品选择“批量计算”，找到对应的接口。
2. 根据帮助提示，填写“个人密钥”和“输入参数”。
3. （可选）勾选“只看必选参数”。
4. 在右侧“代码生成”栏中，复制不同语言的代码到本地执行。
5. 在生产使用前，在“在线调用”栏中发起真实请求，验证结果是否符合预期。

代码示例

提交作业（Python 版本）

```
from tencentcloud.common import credential
from tencentcloud.common.profile.client_profile import ClientProfile
from tencentcloud.common.profile.http_profile import HttpProfile
from tencentcloud.common.exception.tencent_cloud_sdk_exception import TencentCloudSDKException
from tencentcloud.batch.v20170312 import batch_client, models
try:
    cred = credential.Credential("your secret id", "your secret key")
    httpProfile = HttpProfile()
    httpProfile.endpoint = "batch.tencentcloudapi.com"
```

```
clientProfile = ClientProfile()
clientProfile.httpProfile = httpProfile
client = batch_client.BatchClient(cred, "ap-guangzhou", clientProfile)

req = models.SubmitJobRequest()
params = '{"Placement":{"Zone":"ap-guangzhou-3"},"Job":{"JobName":"demo","JobDescription":"test job","Priority":1,"Tasks":[{"TaskName":"task","TaskInstanceNum":1,"Application":{"Command":"echo hello"},"ComputeEnv":{"EnvData":{"InstanceType":"S2.SMALL1","ImageId":"img-enf3kukl"},"SystemDisk":{"DiskType":"CLOUD_PREMIUM","DiskSize":50}}},"MaxRetryCount":1,"Timeout":3600}]}'
req.from_json_string(params)

resp = client.SubmitJob(req)
print(resp.to_json_string())

except TencentCloudSDKException as err:
    print(err)
```

查询作业 (Python 版本)

```
from tencentcloud.common import credential
from tencentcloud.common.profile.client_profile import ClientProfile
from tencentcloud.common.profile.http_profile import HttpProfile
from tencentcloud.common.exception.tencent_cloud_sdk_exception import TencentCloudSDKException
from tencentcloud.batch.v20170312 import batch_client, models
try:
    cred = credential.Credential("your secret id", "your secret key")
    httpProfile = HttpProfile()
    httpProfile.endpoint = "batch.tencentcloudapi.com"

    clientProfile = ClientProfile()
    clientProfile.httpProfile = httpProfile
    client = batch_client.BatchClient(cred, "ap-guangzhou", clientProfile)

    req = models.DescribeJobRequest()
```

```
params = '{"JobId":"job-mhgy1dot"}'
req.from_json_string(params)

resp = client.DescribeJob(req)
print(resp.to_json_string())

except TencentCloudSDKException as err:
    print(err)
```

提交作业 (Java 版本)

```
import com.tencentcloudapi.common.Credential;
import com.tencentcloudapi.common.profile.ClientProfile;
import com.tencentcloudapi.common.profile.HttpProfile;
import com.tencentcloudapi.common.exception.TencentCloudSDKException;

import com.tencentcloudapi.batch.v20170312.BatchClient;

import com.tencentcloudapi.batch.v20170312.models.SubmitJobRequest;
import com.tencentcloudapi.batch.v20170312.models.SubmitJobResponse;

public class SubmitJob
{
    public static void main(String [] args) {
        try{

            Credential cred = new Credential("your secret id", "your secret key");

            HttpProfile httpProfile = new HttpProfile();
            httpProfile.setEndpoint("batch.tencentcloudapi.com");

            ClientProfile clientProfile = new ClientProfile();
            clientProfile.setHttpProfile(httpProfile);

            BatchClient client = new BatchClient(cred, "ap-guangzhou", clientProfile);

            String params = "{\"Placement\":{\"Zone\":\"ap-guangzhou-3\"},\"Job\":{\"JobName
```

```
\":\\"demo\\",\\"JobDescription\\":\\"test job\\",\\"Priority\\":1,\\"Tasks\\":[{\\"TaskName\\":\\"task\\",\\"TaskInstanceNum\\":1,\\"Application\\":{\\"Command\\":\\"echo hello\\"},\\"ComputeEnv\\":{\\"EnvData\\":{\\"InstanceType\\":\\"S2.SMALL1\\",\\"ImageId\\":\\"img-enf3kukl\\",\\"SystemDisk\\":{\\"DiskType\\":\\"CLOUD_PREMIUM\\",\\"DiskSize\\":50}}},\\"MaxRetryCount\\":1,\\"Timeout\\":3600}}]}}";  
SubmitJobRequest req = SubmitJobRequest.fromJsonString(params, SubmitJobRequest.class);  
  
SubmitJobResponse resp = client.SubmitJob(req);  
  
System.out.println(SubmitJobRequest.toJsonString(resp));  
} catch (TencentCloudSDKException e) {  
System.out.println(e.toString());  
}  
  
}  
  
}
```

查询作业 (Java 版本)

```
import com.tencentcloudapi.common.Credential;  
import com.tencentcloudapi.common.profile.ClientProfile;  
import com.tencentcloudapi.common.profile.HttpProfile;  
import com.tencentcloudapi.common.exception.TencentCloudSDKException;  
  
import com.tencentcloudapi.batch.v20170312.BatchClient;  
  
import com.tencentcloudapi.batch.v20170312.models.DescribeJobRequest;  
import com.tencentcloudapi.batch.v20170312.models.DescribeJobResponse;  
  
public class DescribeJob  
{  
    public static void main(String [] args) {  
        try{  
  
            Credential cred = new Credential("your secret id", "your secret key");
```

```
HttpProfile httpProfile = new HttpProfile();
httpProfile.setEndpoint("batch.tencentcloudapi.com");

ClientProfile clientProfile = new ClientProfile();
clientProfile.setHttpProfile(httpProfile);

BatchClient client = new BatchClient(cred, "ap-guangzhou", clientProfile);

String params = "{\"JobId\":\"job-mhgy1dot\"}";
DescribeJobRequest req = DescribeJobRequest.fromJsonString(params, DescribeJobRequest.class);

DescribeJobResponse resp = client.DescribeJob(req);

System.out.println(DescribeJobRequest.toJsonString(resp));
} catch (TencentCloudSDKException e) {
System.out.println(e.toString());
}

}

}
```