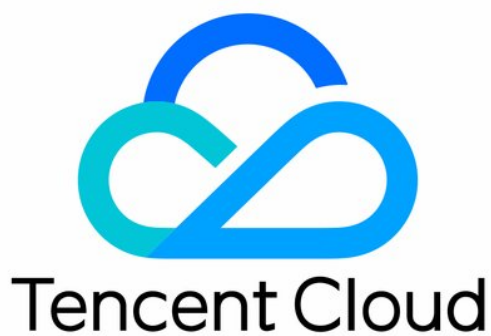


Batch Compute

SDK Documentation

Product Documentation



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Instructions

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Preparations

Download and install the SDK for your language in Tencent Cloud SDK Center.

If this is your first time using BatchCompute, please see [Preparation](#).

For more information about API parameters, see [API Documentation](#).

Access Steps

1. Select **BatchCompute** and find the corresponding API.
2. Enter **Personal key** and **Input parameters** according to the help prompts.
3. (Optional) Select **Only view required parameters**.
4. In the **Code generation** column on the right, copy the different language code to local execution.
5. Before the producer is used, a real request is initiated in the **Online calling** column to verify whether the results meet expectations.

Sample Codes

Submitting a Job (Python Version)

```
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 TencentCloudS
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","JobDe
req.from_json_string(params)

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

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

Querying a Job (Python Version)

```
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 TencentCloudS
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)
```

Submitting a Job (Java Version)

```
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\\"},\\"
            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());
        }
    }
}
```

Querying a Job (Java Version)

```
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());
    }
}
}
```