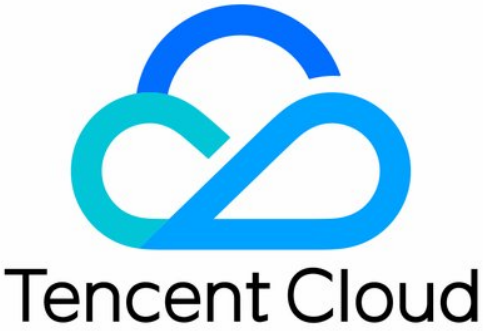
Batch Compute

SDK Documentation

Product Documentation



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SDK Documentation 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)

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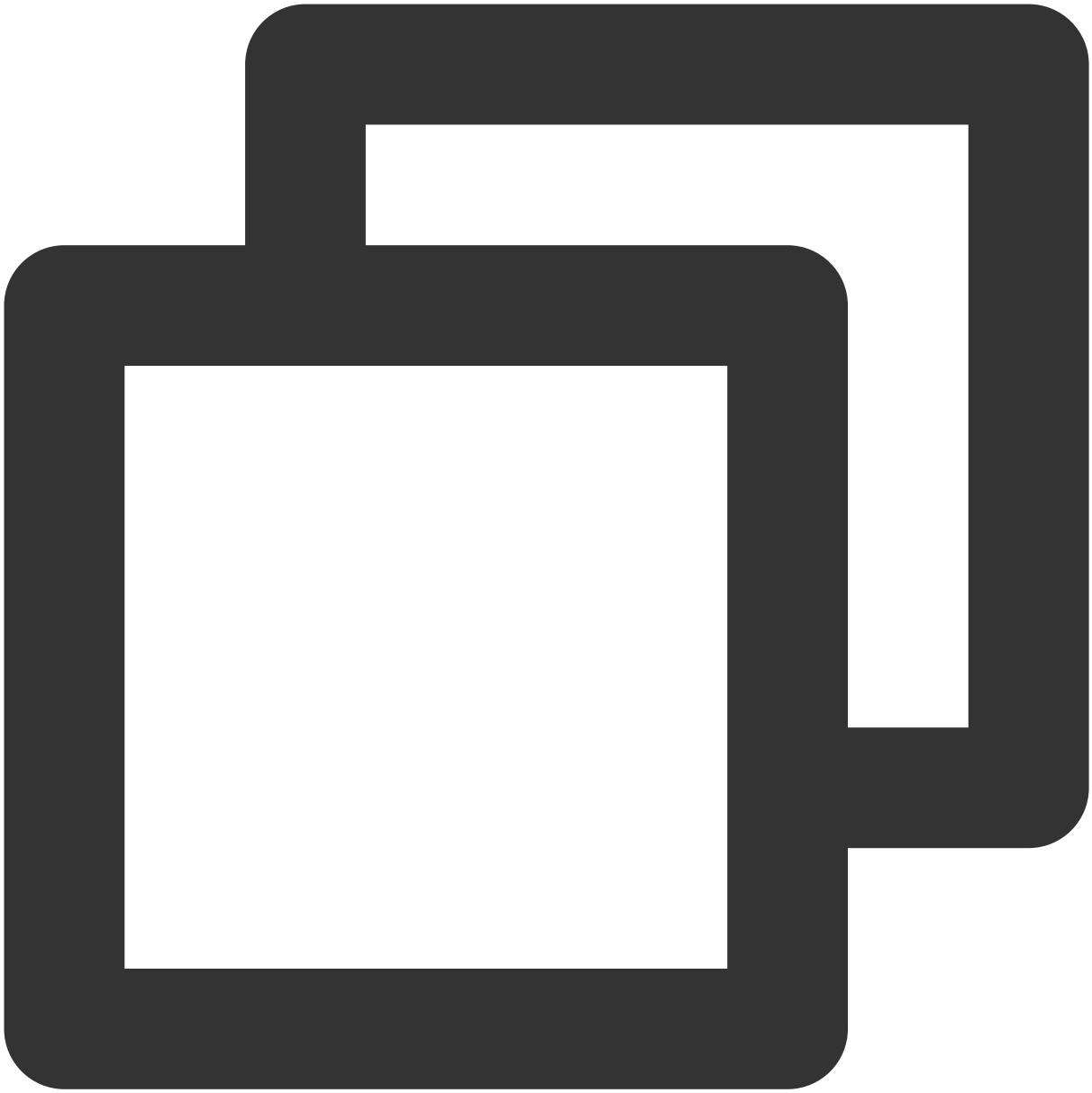

```
from tencentcloud.common import credential
from tencentcloud.common.profile.client_profile import ClientProfile
from tencentcloud.common.profile.http_profile import HttpProfile
from tencentcloud.common.exception.tencent_cloud_sdk_exception import TencentCloudS
from tencentcloud.batch.v20170312 import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

    clientProfile = ClientProfile()
```

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```
    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)

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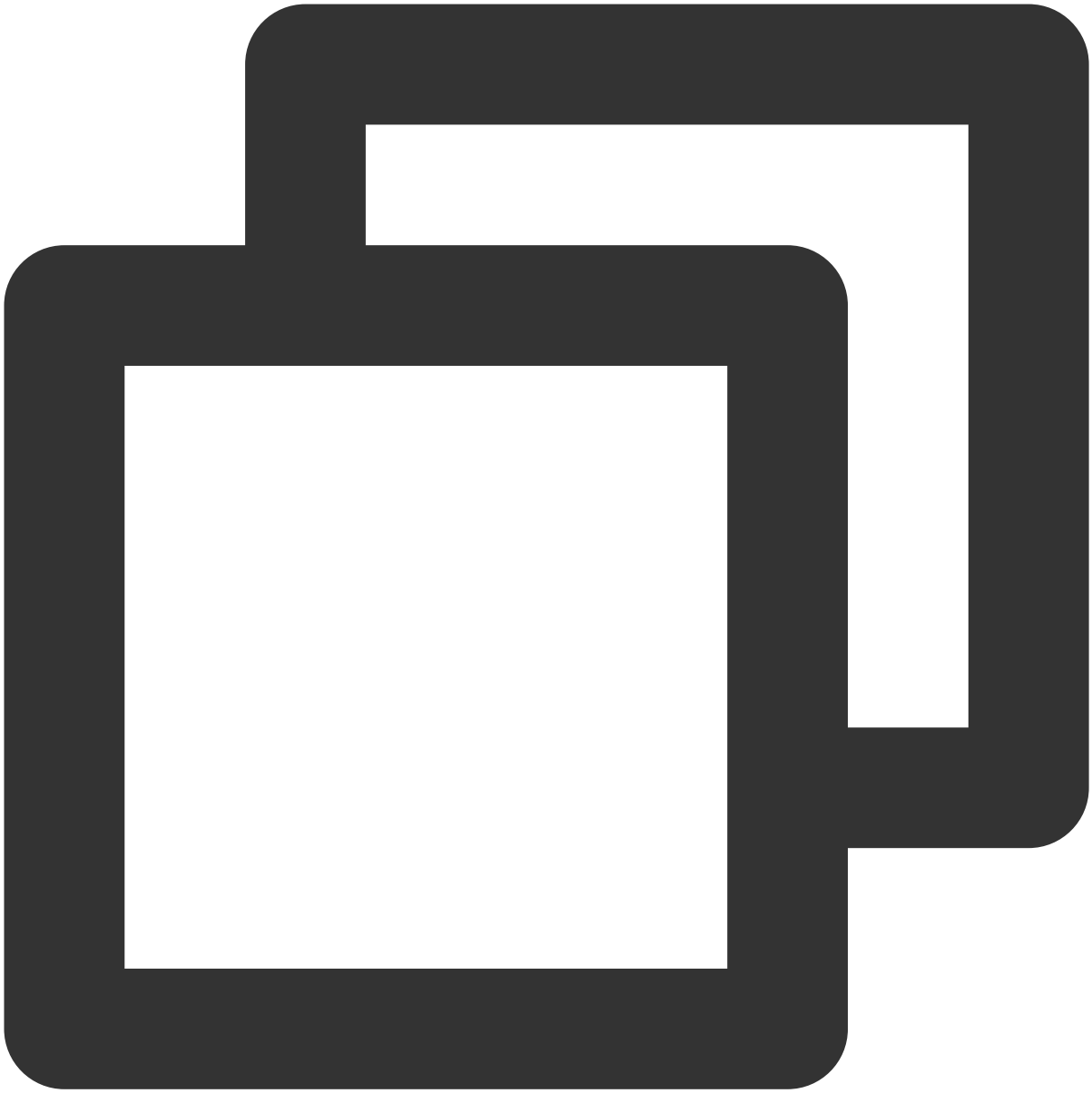

```
from tencentcloud.common import credential
from tencentcloud.common.profile.client_profile import ClientProfile
from tencentcloud.common.profile.http_profile import HttpProfile
from tencentcloud.common.exception.tencent_cloud_sdk_exception import TencentCloudS
from tencentcloud.batch.v20170312 import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

    clientProfile = ClientProfile()
```

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```
    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)

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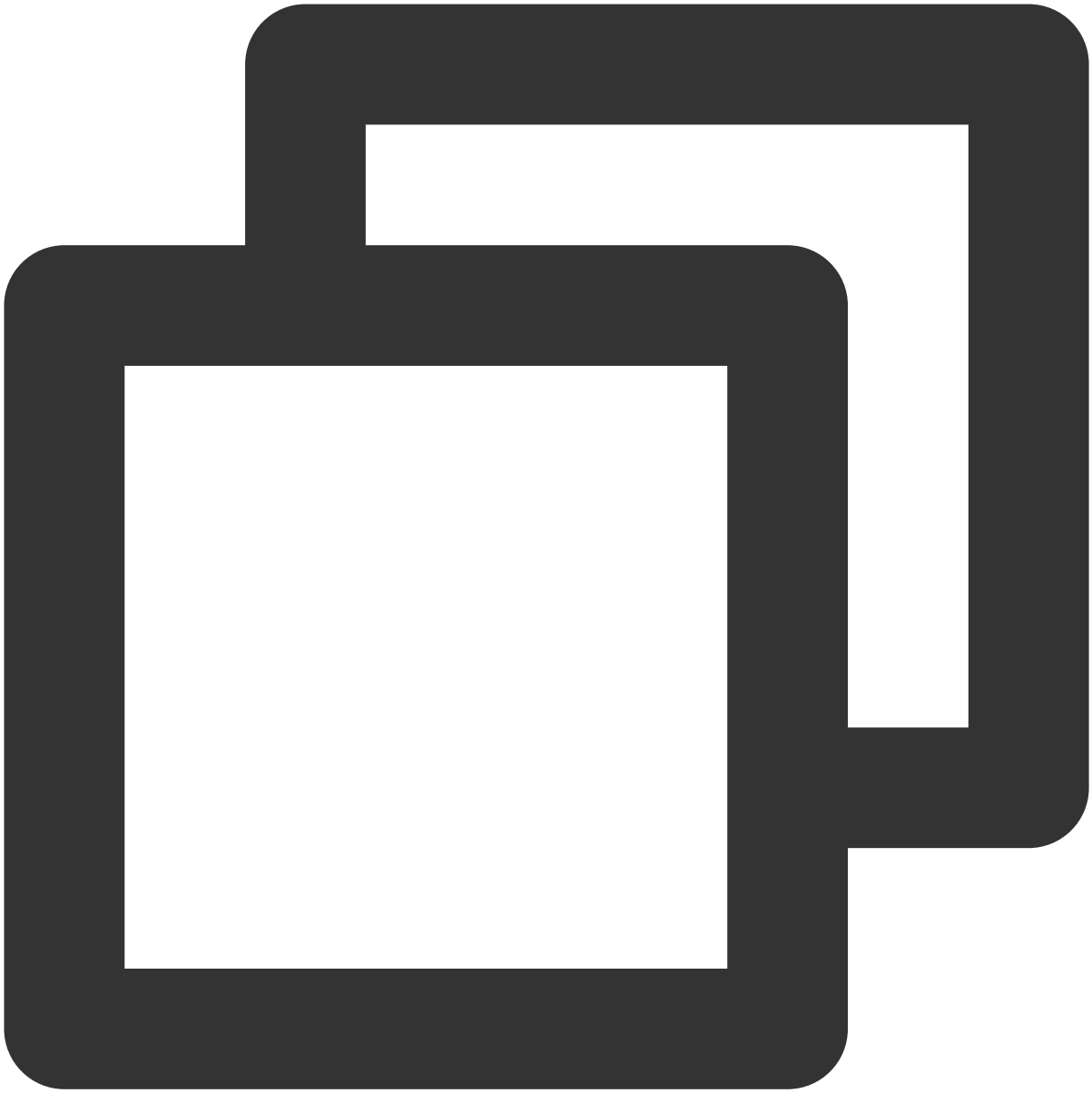

```
import com.tencentcloudapi.common.Credential;
import com.tencentcloudapi.common.profile.ClientProfile;
import com.tencentcloudapi.common.profile.HttpProfile;
import com.tencentcloudapi.common.exception.TencentCloudSDKException;

import com.tencentcloudapi.batch.v20170312.BatchClient;

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

public class SubmitJob
```

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```
{
    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", clientProfil

            String params = "{\\"Placement\\":{\\"Zone\\":\\"ap-guangzhou-3\\"},\\"
            SubmitJobRequest req = SubmitJobRequest.fromJsonString(params, SubmitJo

            SubmitJobResponse resp = client.SubmitJob(req);

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

    }

}
```

Querying a Job (Java Version)

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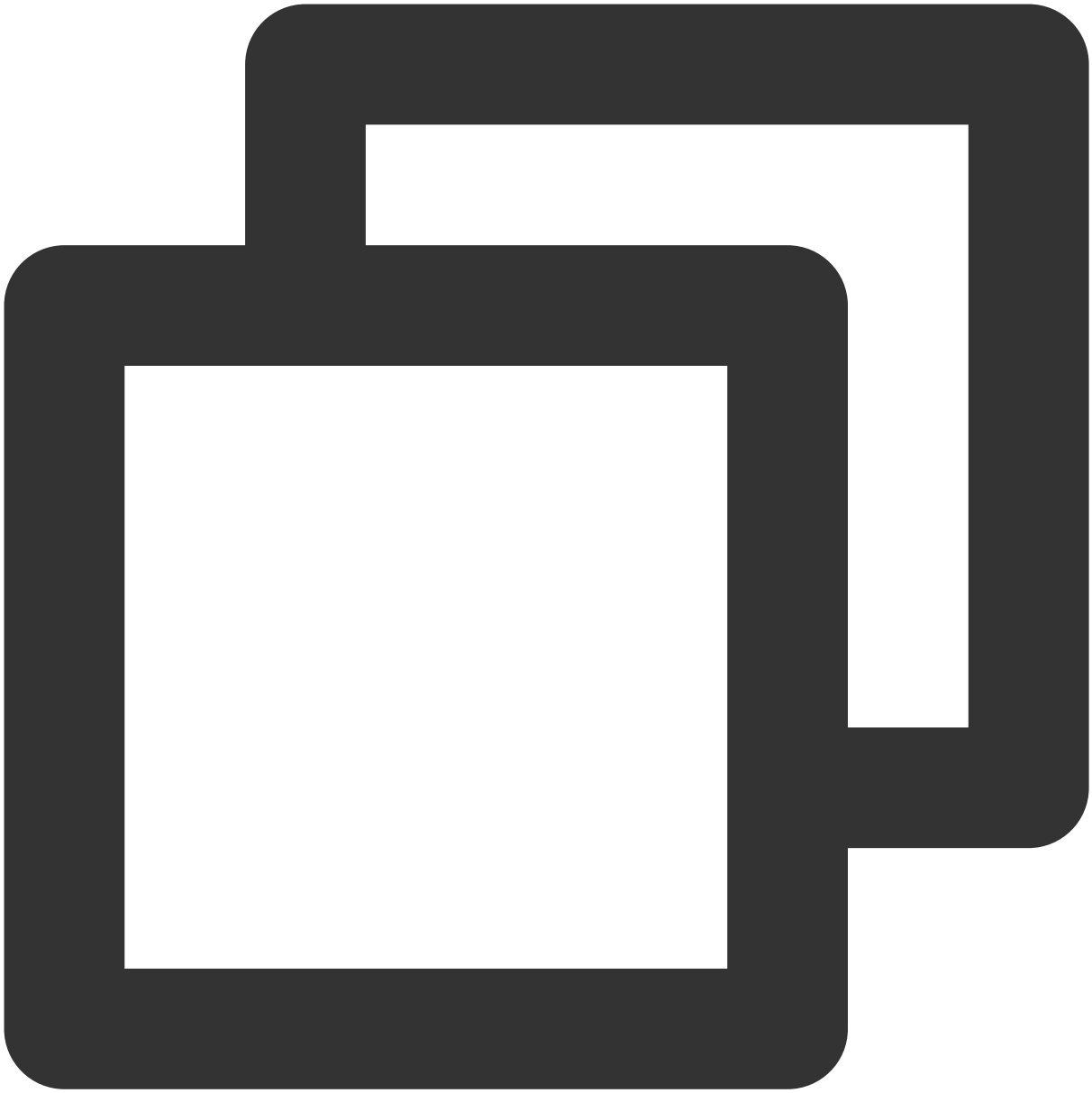

```
import com.tencentcloudapi.common.Credential;
import com.tencentcloudapi.common.profile.ClientProfile;
import com.tencentcloudapi.common.profile.HttpProfile;
import com.tencentcloudapi.common.exception.TencentCloudSDKException;

import com.tencentcloudapi.batch.v20170312.BatchClient;

import com.tencentcloudapi.batch.v20170312.models.DescribeJobRequest;
import com.tencentcloudapi.batch.v20170312.models.DescribeJobResponse;

public class DescribeJob
```

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```
{
    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", clientProfil

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

            DescribeJobResponse resp = client.DescribeJob(req);

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

    }

}
```

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