

CodeArts TestPlan

CLI Reference

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Contents

1 Using KooCLI.....1

2 CLI Command Reference.....4

1 Using KooCLI

Huawei Cloud Koo Command Line Interface (previously "HCloud CLI") is designed to manage Huawei Cloud service APIs released on [API Explorer](#). You can use this tool to call the APIs of CodeArts TestPlan in API Explorer to manage and use your resources. For details about KooCLI, see [What Is KooCLI?](#)

Installing KooCLI

Before you begin, you will need to install KooCLI. KooCLI is compatible with Windows, Linux, and macOS. Install the tool of the corresponding version based on the OS used by your machine.

- [Installing KooCLI in Windows](#)
- [Installing KooCLI in Linux](#)
- [Installing KooCLI in macOS](#)
- [Configuring and Using KooCLI in Docker](#)

Initializing KooCLI

When KooCLI is used to call APIs, you need to obtain the caller's identity information for authentication. If you initialize KooCLI, your permanent AK/SK is stored in the configuration file, so you do not need to enter the credentials each time you call an API.

Skip this step if you intend to pass authentication information directly in commands instead of using the configuration file. For details, see [Using KooCLI in Non-configuration Mode](#).

The following uses Windows as an example to describe how to initialize KooCLI. The steps on Linux and macOS are similar. Before the initialization, obtain the AK/SK information. For details, see [Access Keys](#).

1. Open the CLI.
2. Run the following command to initialize the configuration:
`hcloud configure init`
3. Enter the parameter values as prompted.

```
Access Key ID [required]: // Mandatory. Enter the AK.
Secret Access Key [required]: // Mandatory. Enter the SK. The system will anonymize the input.
Secret Access Key (again): // Mandatory. Enter the SK again. The system will anonymize the input.
Region: // Optional. Enter a region.
```

The message "Initialization successful" is then displayed.

Generating and Executing a CLI Command

KooCLI supports two command generation methods:

- Use API Explorer to quickly generate and obtain the CLI command for calling an API. **This method is recommended as it is more convenient.**
- Use CLI commands to query API operations and related parameters, and then manually combine CLI commands to call APIs. For details, see [Step 4: View and Run Cloud Service Operation Commands](#).

The following uses the tracker query API of CodeArts TestPlan as an example to describe how to generate a CLI command in API Explorer and then run the CLI command to call the API.

1. On the [API Explorer](#) page of CodeArts TestPlan, select the API for which you want to generate a CLI command.
2. In the parameter configuration interface in the middle, enter the parameters required to call the API.
3. In the pane on the right, click the **CLI Example** tab and view the generated CLI command.

The following is an example of the CLI command for calling the tracker query API.

```
hcloud Cloudtest ListTestCases --cli-region="ap-southeast-3." --name="TestPlan001" --enabled=true
```

4. Copy the generated CLI command and paste it into the CLI for execution.

The following is an example of the CLI command output for calling the tracker query API.

```
{
  "values": [
    {
      "name": "",
      "owner": {
        "id": "",
        "name": "TestPlan001"
      },
      "status": {
        "id": "0",
        "name": ""
      },
      "result": {},
      "module": {
        "id": "",
        "name": ""
      },
      "iteration": {},
      "id": "",
      "number": "",
      "rank_id": "2",
      "project_id": "",
      "execution_type": {
        "id": "0",
        "name": ""
      },
      "test_type": {
        "id": 0
      },
      "create_info": {
        "time": "2025-07-03 20:40:04",
        "timestamp": 1751546404000,

```

```
"user_id": "1bd6a7bb3d084481956ace3f9ddc1fc8",  
"user_name": "TestPlan001"  
},  
"execute_info": {},  
"associate_issue_info": {  
  "associate": false  
},  
"associate_defect_info": {  
  "associate": false  
}  
}  
],  
"total": 4  
}
```

2 CLI Command Reference

Test Plan Management

API Name	Command	Description	Operation
Adding Test Cases in Batches to a Plan	hcloud Cloudtest CreateTestCaseInPlan	Adds test cases in batches to a plan.	Go debug
Creating a Plan in a Project	hcloud Cloudtest CreatePlan	Create a plan in a project.	Go debug
Querying the Test Plan List in a Project	hcloud Cloudtest ShowPlans	Queries the test plan list in a project.	Go debug
Querying the Requirement Tree of a Test Plan	hcloud Cloudtest ShowIssuesByPlanId	Queries the requirement list in a test plan.	Go debug
Querying the Operation History of a Test Plan	hcloud Cloudtest ShowPlanJournals	Queries the operation history of a test plan.	Go debug
Querying the Test Plan List in a Project (V2)	hcloud Cloudtest ShowPlanList	Queries the test plan list in a project (V2).	Go debug

Custom Test Service Test Suite Management

API Name	Command	Description	Operation
Obtaining Details About Test Cases Associated with a Test Suite	hcloud Cloudtest ListTaskAssignCases	Obtaining Details About Test Cases Associated with a Test Suite	Go debug

ApigAutoInitController

API Name	Command	Description	Operation
Generating an API Test Suite by Importing Files from a Repository	hcloud Cloudtest CreateApiTestSuiteByRepoFile	Generates an API test suite by importing files from the repository.	Go debug

Obtaining the Environment Parameter Group List

API Name	Command	Description	Operation
Obtaining the Environment Parameter Group List	hcloud Cloudtest ListEnvironments	Obtains the environment parameter list of CloudTest.	Go debug