

CodeArts PerfTest

CLI Reference

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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 PerfTest in API Explorer to manage and use your CodeArts PerfTest 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 project creation API of CodeArts PerfTest 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 PerfTest, 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 project creation API.

```
hcloud CPTS CreateProject --cli-region="ap-southeast-3" --  
project_id="672fccff34b843c6953285ea4e859ffd" --name="CreateProjectTest01" --  
description="testCLI"
```

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 the API of creating a project.

```
{  
  "name": "CreateProjectTest01",  
  "description": "TestCLI"  
}
```

2 CLI Command Reference

PerfTest Project Management

API Name	Command	Description	Operation
Querying a Project Set	hcloud CPTS ListProjectSets	This API is used to query a project set.	Go debug
Creating a Project	hcloud CPTS CreateProject	This API is used to create a project.	Go debug
Querying a Project	hcloud CPTS ShowProject	This API is used to query a project.	Go debug
Modifying a Project	hcloud CPTS UpdateProject	This API is used to modify a project.	Go debug
Deleting a Project	hcloud CPTS DeleteProject	This API is used to delete a project.	Go debug
Querying the Import Progress	hcloud CPTS ShowProcess	This API is used to query the import progress.	Go debug

Task Management

API Name	Command	Description	Operation
Querying a Task Set	hcloud CPTS ShowTaskSet	This API is used to query a task set.	Go debug
Querying a Task	hcloud CPTS ShowTask	This API is used to query a task.	Go debug
Modifying a Task	hcloud CPTS UpdateTask	This API is used to modify a task.	Go debug
Deleting a Task	hcloud CPTS DeleteTask	This API is used to delete a task.	Go debug

API Name	Command	Description	Operation
Creating a Task	hcloud CPTS CreateTask	This API is used to create a task.	Go debug
Updating the Status of a Task	hcloud CPTS UpdateTaskStatus	This API is used to update the status of a task.	Go debug
Modifying the Case Associated with the Task	hcloud CPTS UpdateTaskRelatedTestCase	This API is used to modify the case associated with the task.	Go debug

Case Management

API Name	Command	Description	Operation
Creating a Case	hcloud CPTS CreateCase	This API is used to create a case.	Go debug
Deleting a Case	hcloud CPTS DeleteCase	This API is used to delete a case.	Go debug
Modifying a Case	hcloud CPTS UpdateCase	This API is used to modify a case.	Go debug
Debugging a Case	hcloud CPTS DebugCase	This API is used to debug a case.	Go debug

Global Variable Management

API Name	Command	Description	Operation
Querying a Global Variable	hcloud CPTS ListVariables	This API is used to query a global variable.	Go debug
Creating a Variable	hcloud CPTS CreateVariable	This API is used to create a variable.	Go debug
Modifying a Variable	hcloud CPTS UpdateVariable	This API is used to modify a variable.	Go debug
Deleting a Global Variable	hcloud CPTS DeleteVariable	This API is used to delete a global variable.	Go debug

Transaction Management

API Name	Command	Description	Operation
Querying a Transaction Set	hcloud CPTS ShowTempSet	This API is used to query a transaction set.	Go debug
Creating a Transaction	hcloud CPTS CreateTemp	This API is used to create a transaction.	Go debug
Querying a Transaction	hcloud CPTS ShowTemp	This API is used to query a transaction.	Go debug
Modifying a Transaction	hcloud CPTS UpdateTemp	This API is used to modify a transaction	Go debug
Deleting a Transaction	hcloud CPTS DeleteTemp	This API is used to delete a transaction.	Go debug

Report Management

API Name	Command	Description	Operation
Querying a Report	hcloud CPTS ShowReport	This API is used to query a report.	Go debug
Querying the Offline Report List of a PerfTest Task	hcloud CPTS ShowHistoryRunInfo	This API is used to query the offline report list of a PerfTest task.	Go debug

Directory Management

API Name	Command	Description	Operation
Query a case tree.	hcloud CPTS ListProjectTest-Case	Querying a Case Tree	Go debug