Optical Character Recognition

CLI Reference

Issue 01

Date 2026-10-29



HUAWEI CLOUD COMPUTING TECHNOLOGIES CO., LTD.

Copyright © Huawei Cloud Computing Technologies Co., Ltd. 2026. All rights reserved.

No part of this document may be reproduced or transmitted in any form or by any means without prior written consent of Huawei Cloud Computing Technologies Co., Ltd.

Trademarks and Permissions


and other Huawei trademarks are the property of Huawei Technologies Co., Ltd.
All other trademarks and trade names mentioned in this document are the property of their respective holders.

Notice

The purchased products, services and features are stipulated by the contract made between Huawei Cloud and the customer. All or part of the products, services and features described in this document may not be within the purchase scope or the usage scope. Unless otherwise specified in the contract, all statements, information, and recommendations in this document are provided "AS IS" without warranties, guarantees or representations of any kind, either express or implied.

The information in this document is subject to change without notice. Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, information, and recommendations in this document do not constitute a warranty of any kind, express or implied.

Huawei Cloud Computing Technologies Co., Ltd.

Address: Huawei Cloud Data Center Jiaoxinggong Road
Qianzhong Avenue
Gui'an New District
Gui Zhou 550029
People's Republic of China

Website: https://www.huaweicloud.com/intl/en-us/

Contents

1 Using KooCLI.....1
2 CLI Command Reference.....3

 Copyright © Huawei Cloud Computing Technologies Co., Ltd.

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 GES in API Explorer to manage and use your GES 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 configuring initialization, you need to obtain the AK/SK information. For detailed operations, 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.
   ```

 Copyright © Huawei Cloud Computing Technologies Co., Ltd.

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 OCR API for **RecognizeGeneralTable** as an example to describe how to generate a CLI command from API Explorer and then run the CLI command to call the API.

1. On the **API Explorer** page of OCR, 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 API for querying the graph list.

   ```
   hcloud OCR RecognizeGeneralTable --cli-region="XX-XXX-XX" --url="https://XXX.png"
   ```

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 API for querying the graph list.

   ```
   {
    "result": {
     "words_region_count": 2,
     "words_region_list": [
      {
       "type": "table",
       "words_block_count": 23,
       "words_block_list": [
        {
         "words": "xxxxxx",
         "rows": [
          0
         ],
         "columns": [
          0,
          1,
          2,
          3
         ]
    },
   ```

 Copyright © Huawei Cloud Computing Technologies Co., Ltd.

2 CLI Command Reference

Smart Document Recognizer

API Name	Command	Description	Operation
Smart Document Recognizer	hcloud OCR RecognizeSmartDocumentRecognizer	This API detects and extracts key-value pairs, text, and table content from various document layouts, such as certificates, receipts, and forms, and converts the text into a structured format.	**Go debug**

General Text

API Name	Command	Description	Operation
General Text	hcloud OCR RecognizeGeneralText	Detects and extracts text from images and returns the recognized text and coordinates. It can be used in various scenarios, such as scanned files, electronic documents, books, receipts, and forms. For details about the constraints on using this API, see **Constraints**. For details about how to use this API, see **Introduction to OCR**.	**Go debug**

 Copyright © Huawei Cloud Computing Technologies Co., Ltd.

Web Image

API Name	Command	Description	Operation
Web Image	hcloud OCR RecognizeWebImage	Web Image recognizes characters in a web image and returns the structured result in JSON format.	Go debug

General Table

API Name	Command	Description	Operation
General Table	hcloud OCR RecognizeGeneralTable	Detects and extracts the text in general table images that you upload (or the URLs redirecting to the image files stored on OBS), and converts the text into structured format. For details about the constraints on using this API, see Constraints. For details about how to use this API, see Introduction to OCR.	Go debug

Passport

API Name	Command	Description	Operation
Passport	hcloud OCR RecognizePassport	Passport recognizes the text on the first page of a passport and returns the structured information in JSON format.	Go debug

 Copyright © Huawei Cloud Computing Technologies Co., Ltd.

Thailand ID Card

API Name	Command	Description	Operation
Thailand ID Card	hcloud OCR RecognizeThailandIdcard	Thailand ID Card recognizes characters on a Thailand-issued national registration card and returns the structured result in JSON format.	Go debug

Myanmar ID Card

API Name	Command	Description	Operation
Myanmar ID Card	hcloud OCR RecognizeMyanmarIdcard	Myanmar ID Card recognizes information on Myanmar-issued national registration cards.	Go debug

Myanmar Driving License

API Name	Command	Description	Operation
Myanmar Driving License	hcloud OCR RecognizeMyanmarDriverLicense	Myanmar Driving License recognizes characters on a Myanmar-issued driver's license and returns the structured result in JSON format.	Go debug

Chile ID Card

API Name	Command	Description	Operation
Chile ID Card	hcloud OCR RecognizeChileIdCard	Chile ID Card recognizes the text in a Chile ID card image and returns the recognition result in JSON format.	Go debug

 Copyright © Huawei Cloud Computing Technologies Co., Ltd.

Thailand License Plate

API Name	Command	Description	Operation
Thailand License Plate	hcloud OCR RecognizeThailandLicensePlate	Thailand License Plate recognizes the license plate information in a thailand license plate image and returns the license plate number and location.	Go debug

ID Document

API Name	Command	Description	Operation
ID Document	hcloud OCR RecognizeIdDocument	This API identifies and extracts text from images of identity documents issued by multiple countries and regions, such as ID cards, driving licenses, and passports, and converts the text into a structured format. Table 1 lists the mapping between the countries/regions and identity documents.	Go debug

Cambodian ID Card

API Name	Command	Description	Operation
Cambodian ID Card	hcloud OCR RecognizeCambodianIdCard	Cambodian ID Card detects and extracts text from images of Cambodia-issued ID cards and converts the text into a structured format.	Go debug

 Copyright © Huawei Cloud Computing Technologies Co., Ltd.

Vietnam ID Card

API Name	Command	Description	Operation
Vietnam ID Card	hcloud OCR RecognizeVietnamIdCard	Detects and extracts text from Vietnam-issued citizen identity cards and converts the text into a structured format.	Go debug

Colombia ID Card

API Name	Command	Description	Operation
Colombia ID Card	hcloud OCR RecognizeColombiaIdCard	This API detects and extracts text from images of Colombia-issued identity cards and converts the text into a structured format.	Go debug

Peru ID Card

API Name	Command	Description	Operation
Peru ID Card	hcloud OCR RecognizePeruIdCard	This API detects and extracts text from Peru-issued identity cards and converts the text into a structured format.	Go debug

 Copyright © Huawei Cloud Computing Technologies Co., Ltd.

Auto ID Document Classification

API Name	Command	Description	Operation
Auto ID Document Classification	hcloud OCR RecognizeAutoId-DocClassification	Classifies nine types of ID documents and detects alarms, with results returned in JSON format. Supported document types include Peru ID card, Cambodian ID card, Hong Kong ID card, Macao ID card, Myanmar ID card, Myanmar driver's license, Thai ID card, passport, and Chinese ID card.	**Go debug**

 Copyright © Huawei Cloud Computing Technologies Co., Ltd.