



# Retrieving invoice data with the Cleura Cloud REST API

You may download some or all of your Cleura Cloud invoice data using the Cleura Cloud REST API.

## Prerequisites

Before retrieving any of your invoice data, you need to [create a token](#) for the current session.

## Saving invoice data

To save JSON data about all available invoices locally, submit a Cleura Cloud REST API request like this:

```
curl -H "X-AUTH-LOGIN: your_username" \  
-H "X-AUTH-TOKEN: your_token" \  
-o invoices.json \  
https://rest.cleura.cloud/account/v1/invoices
```

A command like the above will download the data of up to 20 invoices and save them as JSON objects into the file `invoices.json`. You may change the number of invoices with the `limit` parameter:

```
curl -H "X-AUTH-LOGIN: your_username" \  
-H "X-AUTH-TOKEN: your_token" \  
-o invoices.json \  
https://rest.cleura.cloud/account/v1/invoices?limit=2
```

That will limit the number of invoices to 2. Please note that you may download data from up to 100 invoices.

## Sifting through invoice data

Once you have your invoice data, you may sift through it with a tool like `jq`. For example, here is a quick way to check if all downloaded invoices are already paid:

```
jq '[]'.status' invoices.json  
"paid"  
"paid"
```

To get a list with all invoice IDs, type the following:

```
jq '[]'.id' invoices.json  
"164..."  
"163..."
```

You may now get more information regarding a specific invoice. Find out, for instance, when is (or was) the due date for the invoice with ID `164...`:

```
jq '[] | select(.id=="164...") .dueDate' invoices.json  
"2023-01-23"
```

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