

[AI & Machine Learning Products](https://cloud.google.com/products/machine-learning/) (https://cloud.google.com/products/machine-learning/)

[Cloud Translation](https://cloud.google.com/translate/) (https://cloud.google.com/translate/)

[Documentation](https://cloud.google.com/translate/docs/) (https://cloud.google.com/translate/docs/) [Guides](#)

Long-running operations (Advanced)

Some methods of the Cloud Translation API return a long-running operation. These methods are asynchronous, and the operation may not be completed when the method returns a response. You can check on the status of an operation, or cancel an operation.

Operation status

The following shows how to poll an operation's status.

REST & CMD LINE

Call the `get` method for the `operation` (https://cloud.google.com/translate/docs/reference/rest/v3/projects.locations.operations) resource.

Before using any of the request data below, make the following replacements:

- ***project-number-or-id***: your GCP project number, or ID
- ***location-id***: the location you chose for your Cloud Storage bucket
- ***operation-id***: operation ID you received above

HTTP method and URL:

```
GET https://translation.googleapis.com/v3/projects/project-number-or-id/locations/
```

To send your request, expand one of these options:

▼ curl (Linux, macOS, or Cloud Shell)

Note: Ensure you have set the [GOOGLE_APPLICATION_CREDENTIALS](https://cloud.google.com/docs/authentication/production) (https://cloud.google.com/docs/authentication/production) environment variable to your service account private key file path.

Execute the following command:

```
curl -X GET \  
-H "Authorization: Bearer "$(gcloud auth application-default print-access-token) \  
https://translation.googleapis.com/v3/projects/project-number-or-id/locations/loca
```

PowerShell (Windows)

Note: Ensure you have set the [GOOGLE_APPLICATION_CREDENTIALS](https://cloud.google.com/docs/authentication/production) (<https://cloud.google.com/docs/authentication/production>) environment variable to your service account private key file path.

Execute the following command:

```
$cred = gcloud auth application-default print-access-token  
$headers = @{ "Authorization" = "Bearer $cred" }
```

```
Invoke-WebRequest `\  
-Method GET `\  
-Headers $headers `\  
-Uri "https://translation.googleapis.com/v3/projects/project-number-or-id/locati
```

You should receive a JSON response similar to the following:

```
{  
  "name": "projects/project-number/locations/location-id/operations/operation-id",  
  "metadata": {  
    "@type": "type.googleapis.com/google.cloud.translation.v3.SomeOperationMetadat",  
    "state": "SUCCEEDED",  
    "submitTime": "2019-11-27T22:59:40Z"  
  }  
}
```

When the operation has completed, a `state` value of `SUCCEEDED` is returned.

Operation cancelation

The following shows how to cancel an operation.

REST & CMD LINE

Call the `cancel` method on the `operation`

(<https://cloud.google.com/translate/docs/reference/rest/v3/projects.locations.operations>) resource.

Before using any of the request data below, make the following replacements:

- ***project-number***: your GCP project number, or ID
- ***location-id***: the location you chose for your Cloud Storage bucket
- ***operation-id***: operation ID you received above

HTTP method and URL:

```
POST https://translation.googleapis.com/v3/projects/project-number-or-id/locations
```

To send your request, expand one of these options:

▼ curl (Linux, macOS, or Cloud Shell)

Note: Ensure you have set the [GOOGLE_APPLICATION_CREDENTIALS](https://cloud.google.com/docs/authentication/production) (<https://cloud.google.com/docs/authentication/production>) environment variable to your service account private key file path.

Execute the following command:

```
curl -X POST \  
-H "Authorization: Bearer "$(gcloud auth application-default print-access-token) \  
-H "Content-Type: application/json; charset=utf-8" \  
-d "" \  
https://translation.googleapis.com/v3/projects/project-number-or-id/locations/loca
```

▼ PowerShell (Windows)

Note: Ensure you have set the [GOOGLE_APPLICATION_CREDENTIALS](https://cloud.google.com/docs/authentication/production) (<https://cloud.google.com/docs/authentication/production>) environment variable to your service account private key file path.

Execute the following command:

```
$cred = gcloud auth application-default print-access-token
$headers = @{ "Authorization" = "Bearer $cred" }

Invoke-WebRequest `
  -Method POST `
  -Headers $headers `
  -Uri "https://translation.googleapis.com/v3/projects/project-number-or-id/locati
```

You should receive a successful status code (2xx) and an empty response.

Except as otherwise noted, the content of this page is licensed under the [Creative Commons Attribution 4.0 License](https://creativecommons.org/licenses/by/4.0/) (https://creativecommons.org/licenses/by/4.0/), and code samples are licensed under the [Apache 2.0 License](https://www.apache.org/licenses/LICENSE-2.0) (https://www.apache.org/licenses/LICENSE-2.0). For details, see our [Site Policies](https://developers.google.com/terms/site-policies) (https://developers.google.com/terms/site-policies). Java is a registered trademark of Oracle and/or its affiliates.

Last updated January 23, 2020.