

This page shows how to make a Cloud Translation - Basic (v2) request with `curl`.

Translation is available in [two editions](/translate/docs/editions) (/translate/docs/editions). This guide provides all required setup steps to start Cloud Translation - Basic.

1. [Sign in](https://accounts.google.com/Login) (https://accounts.google.com/Login) to your Google Account.

If you don't already have one, [sign up for a new account](https://accounts.google.com/SignUp) (https://accounts.google.com/SignUp).

2. Set up a Cloud Console project.

Click to:

- Create or select a project.
- Enable the Cloud Translation API for that project.
- Create a service account.
- Download a private key as JSON.

You can view and manage these resources at any time in the [Cloud Console](https://console.cloud.google.com/) (https://console.cloud.google.com/).

3. Set the environment variable **`GOOGLE_APPLICATION_CREDENTIALS`** to the path of the JSON file that contains your service account key. This variable only applies to your current shell session, so if you open a new session, set the variable again.

4. Install and initialize the Cloud SDK (/sdk/docs/).

Make a Translation API Request using a REST method call to the v2 translate method.

1. Use `curl` to make a request to the `https://translation.googleapis.com/language/translate/v2` endpoint.

The `curl` command includes JSON with the text to be translated (`q`), the language to translate from (`source`), and the language to translate to (`target`).

The source and target languages are identified using the iso-639-1 (https://en.wikipedia.org/wiki/List_of_ISO_639-1_codes) codes. The source language is English (`en`) and the target language is Spanish (`es`). The format of the query is noted as "text" for plain text.

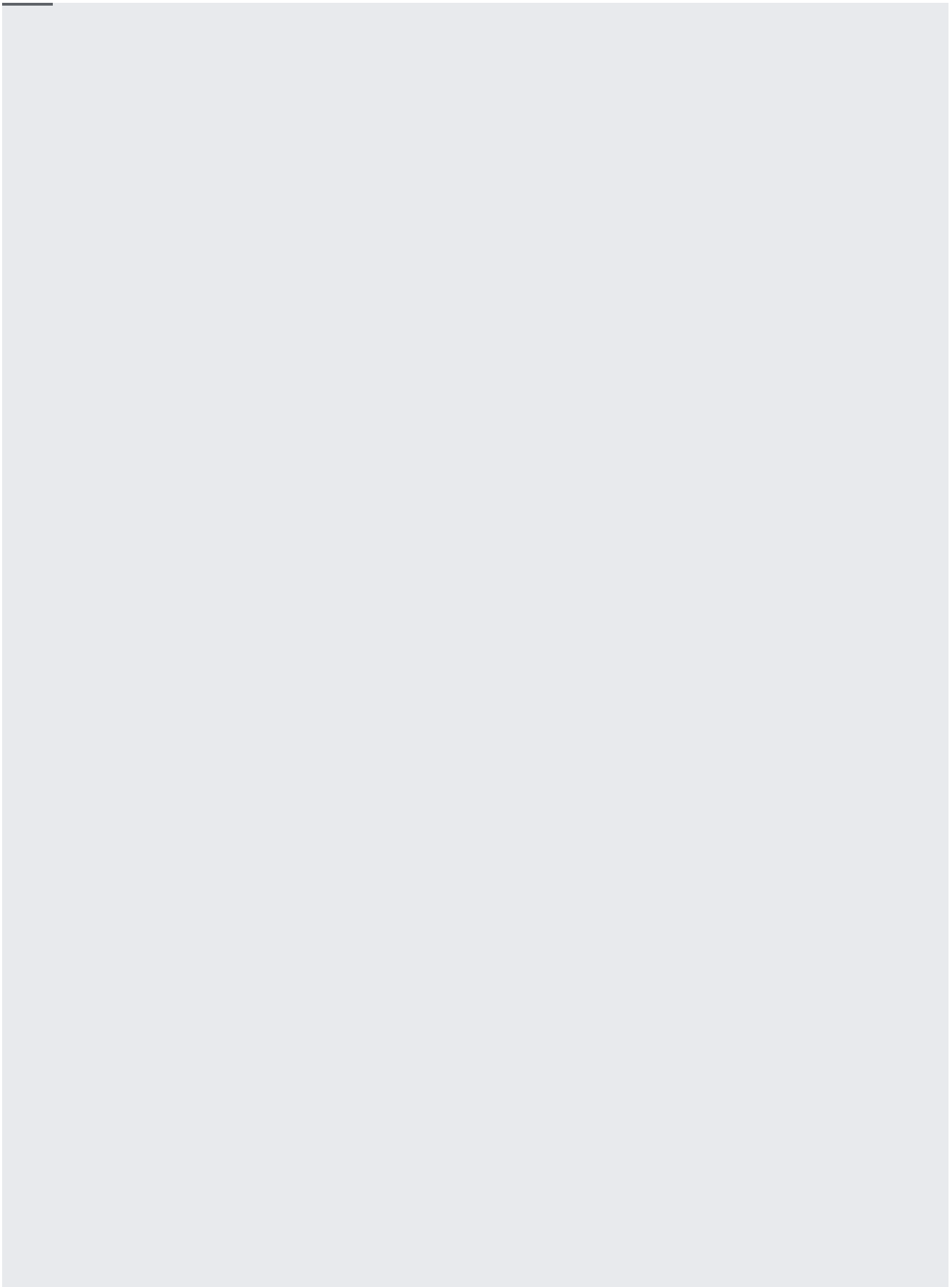
★ The sample `curl` command uses the `gcloud auth application-default print-access-token` command to get an authentication token.

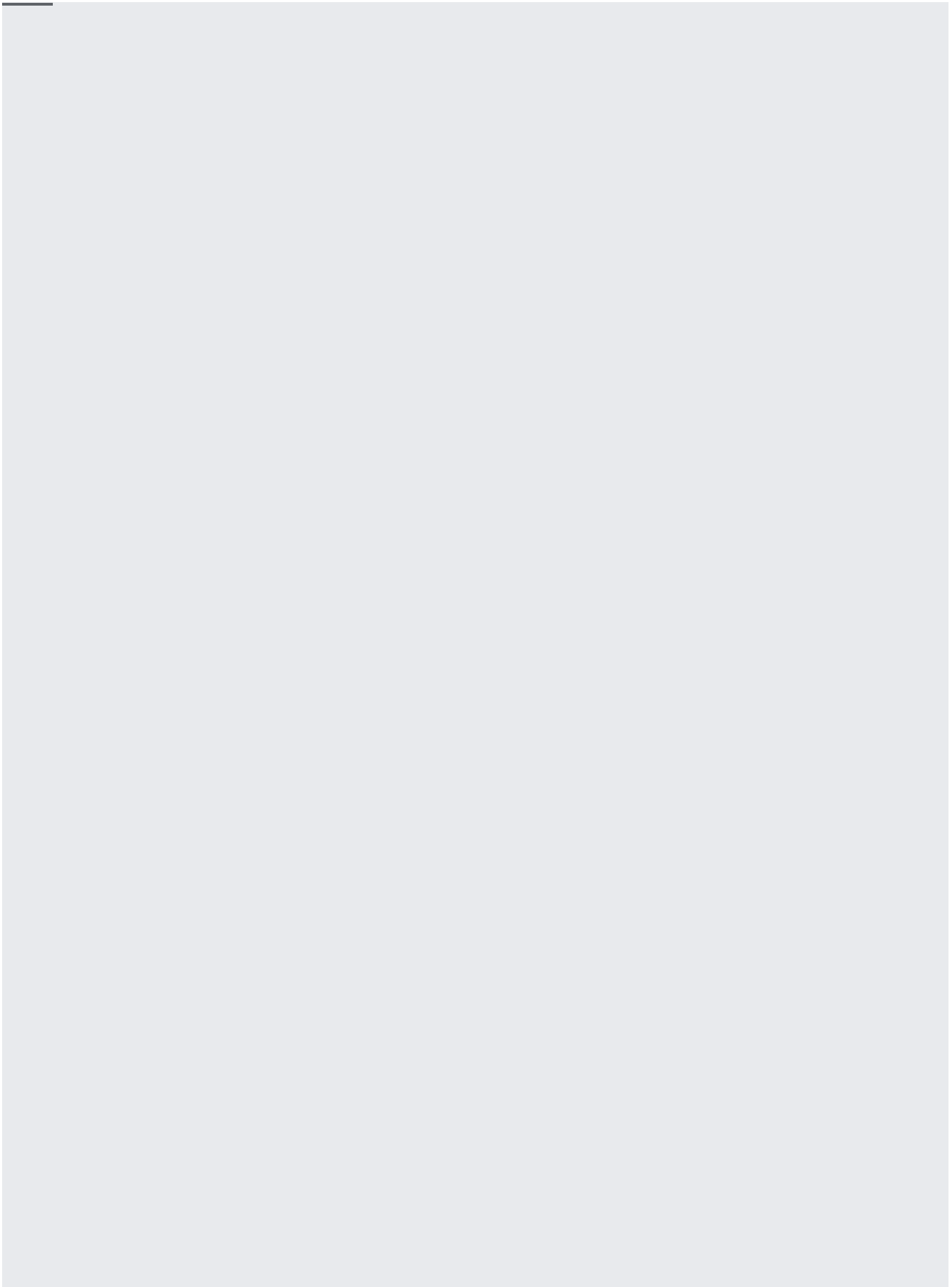
You should see a response similar to the following:

Congratulations! You've sent your first request to the Cloud Translation API!

You can skip this step if you are not going to use the API.

The client libraries are available for several popular languages, and these are the recommended option. To install a client library:





Go to [Translation Client Libraries \(/translate/docs/reference/libraries/v2/overview-v2\)](/translate/docs/reference/libraries/v2/overview-v2) for installation instructions.

To avoid unnecessary Google Cloud Platform charges, use the [Cloud Console \(https://console.cloud.google.com/\)](https://console.cloud.google.com/) to delete your project if you do not need it.

- Get started with the Cloud Translation - Basic (v2) in your language of choice by using a [Cloud Translation API Client Library \(/translate/docs/reference/libraries/v2/overview-v2\)](/translate/docs/reference/libraries/v2/overview-v2).
- Work through the [Sample Applications \(/translate/docs/samples\)](/translate/docs/samples).
- Learn more about the Translation REST API:
 - [Translating Text with REST \(/translate/docs/basic/translating-text\)](/translate/docs/basic/translating-text)
 - [Attribution requirements \(/translate/attribution\)](/translate/attribution)
 - [HTML markup requirements \(/translate/markup\)](/translate/markup)