

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

[Cloud Speech-to-Text](https://cloud.google.com/speech-to-text/) (<https://cloud.google.com/speech-to-text/>)

[Documentation](https://cloud.google.com/speech-to-text/docs/) (<https://cloud.google.com/speech-to-text/docs/>) [Guides](#)

Sample applications

This page lists the code samples currently available for Speech-to-Text.

The Cloud Speech-to-Text v1 is officially released and is generally available from the <https://speech.googleapis.com/v1/speech> endpoint. The [Client Libraries](https://cloud.google.com/speech-to-text/docs/reference/libraries) (<https://cloud.google.com/speech-to-text/docs/reference/libraries>) are released as Alpha and will likely be changed in backward-incompatible ways. The client libraries are currently not recommended for production use.

These samples require that you have set up `gcloud` and have created and activated a service account. For information about setting up `gcloud`, and also creating and activating a service account, see [Quickstart](https://cloud.google.com/speech-to-text/docs/quickstart) (<https://cloud.google.com/speech-to-text/docs/quickstart>).

Programming language examples

The following are links to complete samples that you can download that show how to send audio to Cloud Speech-to-Text and receive a text transcription for that audio. You can find more details about running the sample in the README file included with the download.

- [Python non-streaming and streaming speech recognition samples](https://github.com/GoogleCloudPlatform/python-docs-samples/tree/master/speech/cloud-client)
(<https://github.com/GoogleCloudPlatform/python-docs-samples/tree/master/speech/cloud-client>)
- [Node.js non-streaming and streaming speech recognition samples](https://github.com/googleapis/nodejs-speech/tree/master/samples)
(<https://github.com/googleapis/nodejs-speech/tree/master/samples>)
- [Java non-streaming and streaming speech recognition samples](https://github.com/GoogleCloudPlatform/java-docs-samples/tree/master/speech)
(<https://github.com/GoogleCloudPlatform/java-docs-samples/tree/master/speech>)
- [C++ non-streaming and streaming speech recognition samples](https://github.com/GoogleCloudPlatform/cpp-docs-samples/tree/master/speech/api)
(<https://github.com/GoogleCloudPlatform/cpp-docs-samples/tree/master/speech/api>)
- [C# non-streaming and streaming speech recognition samples](https://github.com/GoogleCloudPlatform/dotnet-docs-samples/tree/master/speech/api)
(<https://github.com/GoogleCloudPlatform/dotnet-docs-samples/tree/master/speech/api>)

- [Go non-streaming speech recognition samples](https://github.com/GoogleCloudPlatform/golang-samples/tree/master/speech)
(<https://github.com/GoogleCloudPlatform/golang-samples/tree/master/speech>)
- [PHP non-streaming speech recognition samples](https://github.com/GoogleCloudPlatform/php-docs-samples/tree/master/speech)
(<https://github.com/GoogleCloudPlatform/php-docs-samples/tree/master/speech>)
- [Ruby non-streaming speech recognition samples](https://github.com/GoogleCloudPlatform/ruby-docs-samples/tree/master/speech)
(<https://github.com/GoogleCloudPlatform/ruby-docs-samples/tree/master/speech>)

Mobile platform examples

Android sample

This sample shows you how to use your microphone with the Cloud Speech RPC API to provide streaming speech recognition.

Documentation and Code

(<https://github.com/GoogleCloudPlatform/android-docs-samples/tree/master/speech/Speech>)

iOS samples

This sample shows you how to use your microphone with the Cloud Speech RPC API to provide non-streaming and streaming speech recognition.

Documentation and Code

(<https://github.com/GoogleCloudPlatform/ios-docs-samples/tree/master/speech/Objective-C>)

This sample creates a live translation service using the Cloud Speech-to-Text, Translation, and Text-to-Speech APIs.

Documentation and Code

(<https://github.com/GoogleCloudPlatform/ios-docs-samples/tree/master/speech-to-speech>)

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