

To import text-to-speech functionality in Google Colab, you can use the gTTS (Google Text-to-Speech) library, which allows you to convert text into speech. Here's a step-by-step guide:

Install the required libraries: In a code cell in your Colab notebook, install the gTTS library using pip:

```
1 !pip install gTTS
2
```

Collecting gTTS

Downloading gTTS-2.3.2-py3-none-any.whl (28 kB)

Requirement already satisfied: requests<3,>=2.27 in /usr/local/lib/python3.10/dist-packages (from gTTS) (2.27.1)

Requirement already satisfied: click<8.2,>=7.1 in /usr/local/lib/python3.10/dist-packages (from gTTS) (8.1.3)

Requirement already satisfied: urllib3<1.27,>=1.21.1 in /usr/local/lib/python3.10/dist-packages (from requests<3,>=2.27->gTTS) (2.0.7)

Requirement already satisfied: certifi<2017.4.17 in /usr/local/lib/python3.10/dist-packages (from requests<3,>=2.27->gTTS) (2023.7.22)

Requirement already satisfied: charset-normalizer<3.0.0 in /usr/local/lib/python3.10/dist-packages (from requests<3,>=2.27->gTTS) (3.0.0)

Requirement already satisfied: idna<4,>=2.5 in /usr/local/lib/python3.10/dist-packages (from requests<3,>=2.27->gTTS) (3.4)

Installing collected packages: gTTS

Successfully installed gTTS-2.3.2

Import the necessary modules: In the next code cell, import the gTTS library and the IPython library to display the audio:

```
1 from gtts import gTTS
2 from IPython.display import Audio
3
```

Generate the speech: In the next code cell, provide the text you want to convert into speech and create an instance of the gTTS class to generate the speech:

```
1 # Specify the text to convert into speech
2 text = "Hello, how are you?"
3
4 # Create a gTTS instance and generate the speech
5 tts = gTTS(text=text, lang='en')
6 tts.save("/content/speech.mp3")
7
8
```

Make sure to replace "Hello, how are you?" with the desired text you want to convert to speech.

Play the speech: In the final code cell, use the IPython library to play the generated speech:

```
1 # Specify the path to the generated speech file
2 audio_path = "/content/speech.mp3"
3
4 # Play the speech
5 Audio(audio_path)
6
```

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```
1
```

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