

---

■ **Note** You can find instructions for how to obtain the Speech API keys from Google on the Chromium web site: <https://www.chromium.org/developers/how-tos/api-keys>.

---

## Wit.ai STT

If you wish to use Wit.ai STT, use this snippet in place of the try/except clause used in the previous code:

```
# recognize speech using Wit.ai
WIT_AI_KEY = "INSERT WIT.AI API KEY HERE"

try:
    print("Wit.ai thinks you said " + r.recognize_wit(audio, key=WIT_AI_KEY))
except sr.UnknownValueError:
    print("Wit.ai could not understand audio")
except sr.RequestError as e:
    print("Could not request results from Wit.ai service; {0}".format(e))
```

While using the Wit.ai service, you have to obtain the Wit.ai key stored in the WIT\_AI\_KEY constant. You use the `r.recognize_wit()` function to pass the audio and the key as arguments.

## IBM STT

To use IBM STT, use the following code snippet:

```
# recognize speech using IBM Speech to Text
IBM_USERNAME = "INSERT IBM SPEECH TO TEXT USERNAME HERE"
IBM_PASSWORD = "INSERT IBM SPEECH TO TEXT PASSWORD HERE"

try:
    print("IBM Speech to Text thinks you said " + r.recognize_ibm(audio,
        username=IBM_USERNAME, password=IBM_PASSWORD))
except sr.UnknownValueError:
    print("IBM Speech to Text could not understand audio")
except sr.RequestError as e:
    print("Could not request results from IBM Speech to Text service;
        {0}".format(e))
```

When using the IBM STT service, you have to obtain an IBM STT username and password, which you assign to the IBM\_USERNAME and IBM\_PASSWORD constants, respectively. You then invoke the `r.recognize_ibm()` function and pass the audio, username, and password as arguments.