

SPRINT - 4

Date	11 October 2022
Team ID	PNT2022TMID21391
Project Name	Personal Assistance for Seniors Who Are Self-Reliant.

1. Create Text to speech using the IBM Watson Text to Speech credential:

IBM Cloud

Search resources and products...

Resource list /

Text to Speech-1y Active Add tags

Details Actions...

Manage

- Getting started
- Service credentials
- Plan
- Connections

Start by viewing the tutorial

[Getting started tutorial](#) [API reference](#)

Credentials

[Download](#) [Show credentials](#)

API key:

.....

URL:

https://api.eu-gb.text-to-speech.watson.cloud.ibm.com/instances/333

Plan

Lite

Upgrade

Code:

```
D:\> Project > tts.py > ...
1 from ibm_watson import TextToSpeechV1
2 from ibm_cloud_sdk_core.authenticators import IAMAuthenticator
3 from playsound import playsound as ps
4 import time
5 url="https://api.eu-gb.text-to-speech.watson.cloud.ibm.com/instances/8e5bc662-02f5-4cc3-b2a3-27086673e789"
6 api="QGXbVq1lTgSFHn8_7wpTikGVYKCHG8NlfHnC1BBXWmj"
7 auth=IAMAuthenticator(api)
8 tts=TextToSpeechV1(authenticator=auth)
9 tts.set_service_url(url)
10 a=["command":["Paracetamol","Dolo 650"]]
11 instruction="Please Take following Medicine. "
12 c=1
13 for i in a["command"]:
14     instruction+=str(c)+". "
15     instruction+=i
16     instruction+=" "
17     c+=1
18 with open("../speech.wav","wb") as audio_file:
19     res=tts.synthesize(instruction,accept="audio/mp3",voice="en-US_AllisonV3Voice").get_result()
20     audio_file.write(res.content)
```

Windows PowerShell
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Try the new cross platform PowerShell https://aka.ms/pscore6
PS D:\Final Code> python -u "D:\Project\tts.py"
PS D:\Final Code>