**AI Singapore - Speech to Text API**

**Description:**

This API is developed by AI Speech Lab in collaboration with AI Singapore. This HTTP API simply takes a PUT request with header **Content-Type=audio/x-wav** and an audio file in either **.wav**, **.mp3**, **.m4a** as body and nothing else.

**Usage:**

**For terminal**

curl -T Recording.m4a "http://52.163.240.180/client/dynamic/recognize"

**For Python**

import requests

url = "http://52.163.240.180/client/dynamic/recognize"

headers = {'content-type': 'audio/x-wav'}

with open('my\_audio.wav', 'rb') as payload:

r = requests.put(url, data=payload, headers=headers)

**Input:**

An audio file in either **.wav**, **.mp3**, **.m4a** format

**Output:**

Transcribed text in Json format.

Examples of server responses:

* {"status": 0, "hypotheses": [{"utterance": "mr. quilted her as the apostle of the middle classes and we're glad to welcome his gospel"}], "id": "cd3aa9dd-94f8-4ca7-8105-b438ae536e1d"}

The following status codes are currently in use:

* 0 -- Success. Usually used when recognition results are sent
* 2 -- Aborted. Recognition was aborted for some reason.
* 1 -- No speech. Sent when the incoming audio contains a large portion of silence or non-speech.
* 9 -- Not available. Used when all recognizer processes are currently in use and recognition cannot be performed.