[AssemblyAi](#)

	Language		Language Code		Status		Speaker Labels		Custom Vocabulary	
☐		∨		∨		∨		∨		∨
1	Global English		en		Live		✓		✓	
2	Australian English		en_au		Live		✓		✓	
3	British English		en_uk		Live		✓		✓	
4	US English		en_us		Live		✓		✓	
☐ ⤢	Spanish		es		Live				✓	
6	French		fr		Live				✓	
7	German		de		Live				✓	
8	Italian		it		Live				✓	
9	Portuguese		pt		Live				✓	
10	Dutch		nl		Live				✓	
11	Hindi		hi		Live				✓	
12	Japanese		ja		Live				✓	

```python
with open('assemblyai.txt') as f:
  API_KEY = f.read()


import requests


# upload
filename = 'f2bjrop1.0.wav'
def read_file(filename,chunk_size=5242880):
  with open(filename,'rb') as f:
    while True:
      data = f.read(chunk_size)
      if not data:
        break
      yield data

headers = {'authorization':API_KEY}
```

```python
headers = { authorization :API_KEY}

response = requests.post('https://api.assemblyai.com/v2/upload',headers = headers,data=read_file(filename))

response
```

```
    <Response [200]>
```

```python
print(response.json())
```

```
    {'upload_url': 'https://cdn.assemblyai.com/upload/dc099cfa-0498-449a-ad9b-d7a619e547c6'}
```

```python
#transcript
endpoint = "https://api.assemblyai.com/v2/transcript"
json = {'audio_url':response.json()['upload_url']}
headers = {'authorization':API_KEY,'content_type':'application/json'}
response = requests.post(endpoint,headers = headers,json=json)

response
```

```
    <Response [200]>
```

```python
response.json()
```

```python
#poll
polling_endpoint = endpoint+'/'+str(response.json()['id'])
polling_response = requests.get(polling_endpoint,headers=headers)
print(polling_response.json())
```

```
    {'id': '66a91shr1g-522f-45de-812f-6cc7574e3c7b', 'language_model': 'assemblyai_default', 'acoustic_model': 'assemblyai_default', 'langua
```

```python
print(polling_response.json()['text'])
```

```
    Wanted chief justice of the Massachusetts Supreme Court. In April, the SJC's current leader, Edward Hennessy, reaches the mandatory reti
```

```python
while True:
  polling_response = requests.get(polling_endpoint,headers=headers)
  if polling_response.json()['status']=='completed':
    print(polling_response.json()['text'])
    break
  elif polling_response.json()['status']=='error':
    print('error')
    break
  else:
    pass
```

```
    Wanted chief justice of the Massachusetts Supreme Court. In April, the SJC's current leader, Edward Hennessy, reaches the mandatory reti
```