

API Documentation

1. Create a Sync Task Request

This is an initial API request to start lip sync task for the provided videoFile and audioFile in background . On performing this request you will receive a task id (UUID) with which you can fetch lip sync tasks status (this is shown in 2 API)

URL: `http://localhost:8000/api/upload/`

Request Method: `POST`

Field Names and Expected Values:

- videoFile: Expected to be a video file (e.g., .mp4 format).
- audioFile: Expected to be an audio file (e.g., .wav format).

Headers:

- Content-Type: `multipart/form-data;`
`boundary=---011000010111000001101001`
- User-Agent: `Insomnia/2023.5.7`

Sample Request:

```
import requests
```

```
url = "http://localhost:8000/api/upload/"
```

```
payload = "--011000010111000001101001\r\nContent-Disposition: form-data; name=\"videoFile\";\nfilename=\"bazigar_part1.mp4\"\\r\\nContent-Type: video/mp4\\r\\n\\r\\n...\\r\\n--011000010111000001101001\r\nContent-Disposition: form-data; name=\"audioFile\"; filename=\"bazigar_part1.wav\"\\r\\nContent-Type: audio/wave\\r\\n\\r\\n..."
```

```
headers = {
```

```
    "Content-Type": "multipart/form-data; boundary=---011000010111000001101001",  "User-Agent": "Insomnia/2023.5.7"
```

```
}
```

```
response = requests.request("POST", url, data=payload, headers=headers)
```

```
print(response.text)
```

Sample Response:

```
{
  "id": 45,
  "input_audio_file": "http://localhost:8000/media/audio_files/bazigar_part1_hAFG6eU.wav",
  "input_video_file": "http://localhost:8000/media/video_files/bazigar_part1_6ov8xp3.mp4",
  "result_synced_file": None,
  "task_id": "7e87e8d1-b566-496a-8802-4194c7fa9a25",
  "status": 1,
  "created_at": "2023-10-15T22:24:51.809012Z",
  "updated_at": "2023-10-15T22:24:51.809041Z"
}
```

2. Fetch Sync Task Request Status

This API is to fetch status of the sync task which is running in the background
You need to look for status and synced file(final output) fields

Under status we have 3 types

- 1 - started
- 2 - failed
- 3 - finished

Note:

Please take task id from the above request's response.

This task can take upto 10-30 mins with sample test files

URL: `http://localhost:8000/api/sync/{taskId}/status/`

Note: Replace {taskId} with the actual task ID.

Request Method: `GET`

Headers:

- **Content-Type:** `application/json`

Sample Request:

```
import requests

url = "http://localhost:8000/api/sync/6ac3fdb-9484-467c-b6ed-657897956027/status/"

headers = {"Content-Type": "application/json"}

response = requests.request("GET", url, headers=headers)

print(response.text)
```

Sample Response:

```
{
  "id": 45,
  "input_audio_file": "http://localhost:8000/media/audio_files/bazigar_part1_hAFG6eU.wav",
  "input_video_file": "http://localhost:8000/media/video_files/bazigar_part1_6ov8xp3.mp4",
  "result_synced_file": "http://localhost:8000/media/video_files/bazigar_part1_4GQ5g0h.mp4",
  "task_id": "7e87e8d1-b566-496a-8802-4194c7fa9a25",
  "status": 3,
  "created_at": "2023-10-15T22:24:51.809012Z",
  "updated_at": "2023-10-15T22:24:51.809041Z"
}
```