



Integrate with Nexiwave in 5 Minutes

You can integrate with Nexiwave speech indexing platform in 5 minutes. Here is how.

1. Obtain an account

Go to nexiwave.com and click “Start Trial” and sign up with login email user@email.com and password **XXX**.

2. Upload audio to Nexiwave

Assume your audio is available via HTTP, simply invoke (from browser, or your code):

```
https://api.nexiwave.com/services/SpeechIndexing/add?
authData.email=user@email.com&authData.passwd=XXX&data.mediaURL=
http://yourserver.com/audio/my.audio.mp3
```

This will return the recordingID assigned by Nexiwave:

```
<?xml version="1.0" encoding="UTF-8"?>
  <soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-
envelope">
    <soapenv:Body>
      <ns:addExtResponse
xmlns:ns="http://search.nexiwave.com/xsd">
        <ns:return>4293</ns:return>
      </ns:addExtResponse>
    </soapenv:Body>
  </soapenv:Envelope>
```

3. Retrieve transcription

Upon processing complete, you may export transcription:

```
https://api.nexiwave.com/services/SpeechIndexing/getTranscription?
authData.email=user@
email.com&authData.passwd=XXX&recordingId=XXX
```

```
<?xml version="1.0"?>
<ns:getTranscriptionResponse
xmlns:ns="http://search.nexiwave.com/xsd"
xmlns:ax217="http://domain.pcng.com/xsd">
  <ns:return xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:type="ax217:SentenceChunk">
    <ax217:wordNode>
```

```
<ax217:endInMS>680</ax217:endInMS>
<ax217:startInMS>380</ax217:startInMS>
<ax217:wordNodeItem>
  <ax217:confidence>0.99974004269982</ax217:confidence>
  <ax217:value>number</ax217:value>
</ax217:wordNodeItem>
<ax217:wordNodeItem>
  <ax217:confidence>0.35419050680094</ax217:confidence>
  <ax217:value>canada</ax217:value>
</ax217:wordNodeItem>
</ax217:wordNode>
<ax217:wordNode>
  <ax217:endInMS>4940</ax217:endInMS>
  <ax217:startInMS>4240</ax217:startInMS>
  <ax217:wordNodeItem>
    <ax217:confidence>0.999775145689932</ax217:confidence>
    <ax217:value>actually</ax217:value>
  </ax217:wordNodeItem>
</ax217:wordNode>
</ns:return>
</ns:getTranscriptionResponse>
```

You may also retrieve the transcription in a pre-formatted line-by-line format:

```
https://api.nexiwave.com/SpeechIndexing/file/storage/user@email.com
m/recording/recordingId/transcript.lines?authData.passwd=XXX
```

The response will be:

```
[00:00] Hi John!
[00:05] How are you?
[00:14] Fine.
[00:24] Is it going to rain today?
```

4. Get notified when processing is complete

Your audio is processed asynchronously. Nexiwave can notify you when processing is complete. To get a notification append this HTTP parameter to the URL: `data.httpNotifyBackURL` when sending audio:

```
https://api.nexiwave.com/services/SpeechIndexing/add?
  authData.email=user@email.com&authData.passwd=XXX&data.mediaURL=
http://yourserver.com/audio/my.audio.wav&data.httpNotifyBackURL=
http://www.yourserver.com/nexiwaveCallBack
```

Nexiwave will make this HTTP invocation when processing complete and transcription ready to be retrieved:

```
http://www.mycompany.com/nexiwaveCallBack?recordingId=
12345&status=FINISHED
```

For more info see:

- [Speech Indexing API](#)
- [WSDL](#)