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## CONVERSION OF AUDIO FILE TO TEXT FILE

The idea of searching for the possibility of computer automatic transfer of speech, saved as audio in the *mp3* file format to the text file with the *txt* extension, arose from the need of the grandson to do homework tests in English. I used the *42-Listening 42 Homework* file included in English lessons 31-32 for intermediate level [1, p. 36]. Listening to the rather quickly implemented speech recorded in exercise 42 (question 4) encountered difficulties in accurate reproduction of the content, which was nevertheless necessary for further implementation of next exercises.

I asked myself if there is a computer program that gives the opportunity to reproduce the conversation between people in the audio file format and save it as the text in English? The search started in the Google domain after entering the "Conversion of *mp3 to txt*" phrase. In response, a number of proposals appeared on the list - but some of them were conditioned by the purchase of an appropriate application or paid periodic access to it. I was interested in the extent to which the automatic transfer of voice from the audio recording to text gives a good recognition result of the entire speech. Finally, for comparison, the English translator was asked to reproduce the content from hearing based on the transferred *mp3* file. The recording is in the form of the interview with the actor, asked by the journalist about the work in the series and about further prospects for the continuation of subsequent episodes.

At the beginning, they tried to use the MyFileConvert program, but there were difficulties with its use. In my opinion, the conversion of voice to text can be useful in many research situations, when we only have recordings of various methods of specific algorithms, for example from econometric modeling. For the "*Conversion of mp3 to txt*" phrase, the Google domain gave the list of proposals, one of which was to use the inter-format conversion as part of the same type of audio class files. They further searched

and found the entry that advertised the converter (*Transcribe Voice Recording to Text*) with remote access, i.e. online. It allows us to transcribe the recorded voice to text. However, free access is offered for only 30 days. Finally, the "Bear File Converter - Online & Free" free application was chosen, and as part of it, the Audio Converter module [2] was of interest.

The program proposes us to open the file in the own computer catalog, we click the "Convert" button and the conversion process begins. In order, we click "download", and the file icon after conversion appears at the bottom of the screen. The program informs us that in the conversion process it uses the program - "the engine" called CPMU Sphinx. After calling the „42-Listening 42 Homework.mp3" file, the fragment of the text string in the Notepad file appears, interrupted by the „□" sign. We can still use the English to Polish translator in the Google domain. At the end of the investigation, the translated text was compared by the Google translator, based on the automatic reproduction of voice to text, with the work of the English translator, who also listened to the recording.

The use of the available free „Bear File Converter – Online & Free" program showed the possibility of obtaining the text from the audio file in the *mp3* format. It is saved in one long text line. The printout of this line gives individual lines approximately corresponding to the phrases spoken by the interlocutors of a given interview. In comparison with the text reproduced by the translator, however, he shows the imperfection of choosing words and editing sentences. Taking this into account, it is still worth recognizing the functionality of other „Bear File Converter – Online & Free" application modules.

## REFERENCES

1. *Angielski dla srednio zaawansowanych*, Lessons 31-32, Europejska Szkola Ksztalcenia Korespondencyjnego Sp. z o.o.

2. https://www.ofoct.com/audio-converter/audio-to-text.html, dostęp: 11.03.2019.