SubtitleCreator

SubtitleCreator is a command line utility to generate subtitles for a video file and optionally put into a MKV container.

Installation

* Decompress the proper file for your operating system into a folder.
* Decompress the runtime file such that the end result is a runtime folder in the same folder as the SubtitleCreator executable.

Parameters (Case Insensitive)

*-ffmpegpPath*=Path to the ffmpeg executable. Just the folder, the exe is assumed to be ffmpeg.exe or ffmpeg.

*-inFile*=The video file the subtitles will be generated for.

*Optional: -nomerge* By default once the subtitle file is created, it is merged into a MKV container along with the video file. If this parameter is used, the MKV container will not be created and the subtitle file will not be deleted.

*Optional: -translate* If this is used, subtitles will be translated to English. Do not use if the audio is already in English.

*Optional: -audioLanguage*=<language> The Whisper audio language detection feature has problems now. So this should be specified if the audio is not in English. Possible values are eng = English, fra = French, spa = Spanish. English is the default.

*Optional: -language*=The language of the audio and therefore the subtitles. en for example is english. This is used for the naming of the subtitles file. Default is none.

*Optional: -Model*=<Language Model> Options are Small/Medium/Large. Bigger is better quality, but also slower. Default = Medium.

*Optional:* -noRepair Sometimes a recording will have audio errors that stop the processing. By default, the app will attempt to make repairs. Use of this flag aborts the repair and the app just fails.

*Optional:* -noSDH Do not generate descriptive lines such as [grunting]. By default, the descriptive (SDH) subtitles will be included.

For the Emby software package (and I believe also for Jellyfin and Plex) you can specify a command to be executed after a recording has completed. This is a windows batch file that will run SubtitleCreator to create an SRT subtitle file for the recording automatically in Emby.

set drive=%~d1

set folder=%~p1

set filename=%~n1

c:

cd\SubtitleCreator

SubtitleCreator -ffmpegpath="C:\ffmpeg\bin" -infile="%drive%%folder%%filename%.ts" -model=medium -nomerge

Note that based on my testing, using the medium model does a great job. However, depending upon the strength of your machine running this app, it can take quite a while to generate the subtitles. My box is several years old and by no means a supercomputer but not a boat anchor either, a recording that was 66 minutes in length took 60 minutes to generate the SRT file.