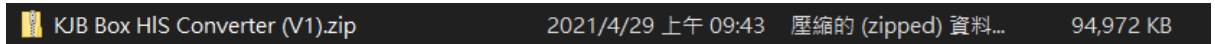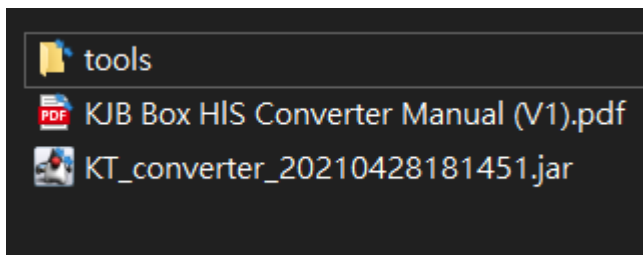# KJB Box HLS Converter Manual (V3)
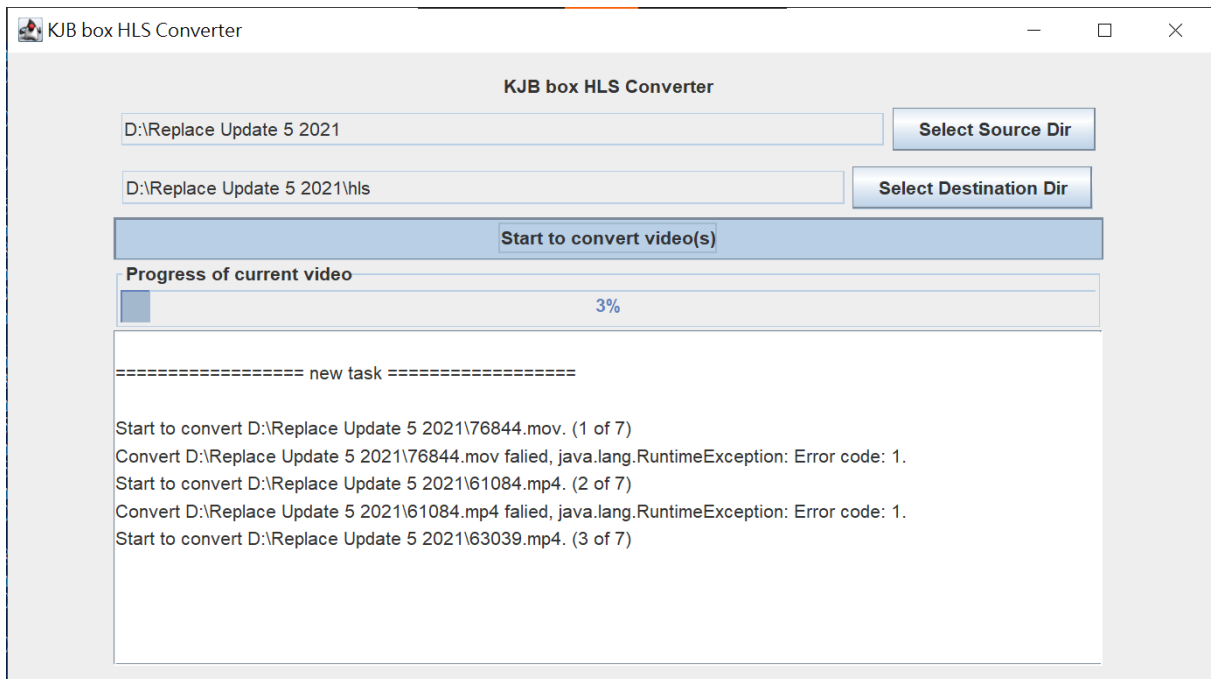
1. Required Windows 7, 8, or 10, and JAVA installation
2. For first time users, go to https://java.com/en/download/ and install JAVA by guid.
3. Unzip "KJB Box HLS Converter (V1).zip" to where you want to store converter, e.g. C:\temp\converter\

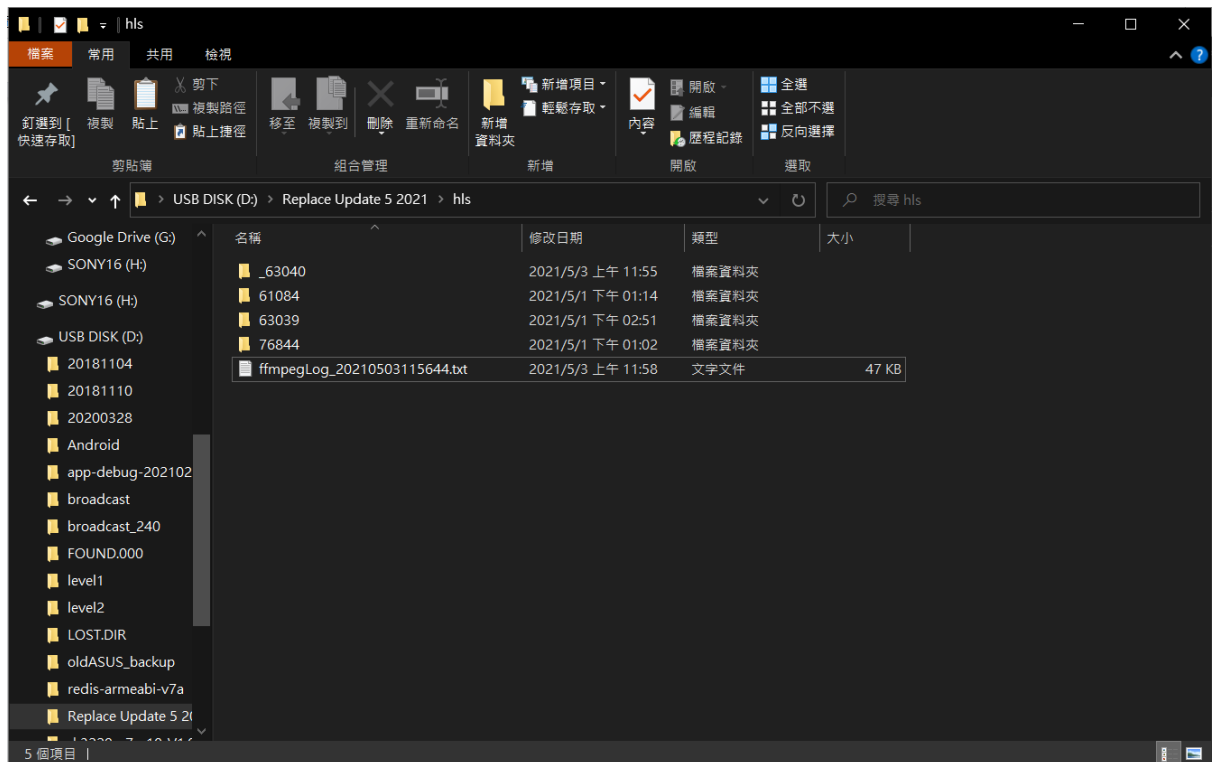4. Zip file contains two files and one directory

5. Launch KT_converter_xxxxx.jar

   a. Click "Select Source Dir" to select the source directory which contains original videos.
   b. Click "Select Destination Dir" to select a directory to store the conversion results (hls files).
   c. Click "Start to convert video(s)" to start the conversion.

6. In addition to the conversion result, there will be a log file with time tag. And the hls video name will be the basename of the original video file.

Note:
- Please follow the introduction of the website "https://cloud.google.com/storage/docs/gsutil" to update conversion results through gsutil. The position should be "gs://new_songs/new_song_videos_44100_25fps"
- The hls folder starts with underscore, e.g. _63040, means a video under processing.
- Conversion of one video may take 10 to 20 minutes (depending on the performance of computer and video quality).
- Once the conversion was started up. There is no stop command in this version. The best way to stop might be to reboot the computer.
- Highly recommended not operate the computer while converting.

Error code	Description
1	Folder exists, video already converted
2	Internal error
3	Internal error
4	Internal error
5,6,7	tool executable file lost