
ffsubsync

Apr 28, 2023

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Synchronize subtitles with video.

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usage: ffsync [-h] [-i [SRTIN [SRTIN ...]]] [-o SRTOUT]
             [--merge-with-reference] [--make-test-case]
             [--reference-stream REFERENCE_STREAM] [-v]
             [--overwrite-input] [--encoding ENCODING]
             [--max-subtitle-seconds MAX_SUBTITLE_SECONDS]
             [--start-seconds START_SECONDS]
             [--max-offset-seconds MAX_OFFSET_SECONDS]
             [--apply-offset-seconds APPLY_OFFSET_SECONDS]
             [--frame-rate FRAME_RATE] [--skip-infer-framerate-ratio]
             [--non-speech-label NON_SPEECH_LABEL]
             [--output-encoding OUTPUT_ENCODING]
             [--reference-encoding REFERENCE_ENCODING]
             [--vad {subs_then_webrtc,webrtc,subs_then_auditok,auditok,subs_then_
             ↳silero,silero}]
             [--no-fix-framerate] [--serialize-speech]
             [--extract-subs-from-stream EXTRACT_SUBS_FROM_STREAM]
             [--suppress-output-if-offset-less-than SUPPRESS_OUTPUT_IF_OFFSET_
             ↳LESS_THAN]
             [--ffmpeg-path FFMPEG_PATH] [--log-dir-path LOG_DIR_PATH]
             [--gss] [--strict]
             [reference]
```

1.1 Positional Arguments

reference	Reference (video, subtitles, or a numpy array with VAD speech) to which to synchronize input subtitles.
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1.2 Named Arguments

- i, --srtin** Input subtitles file (default=stdin).
- o, --srtout** Output subtitles file (default=stdout).
- merge-with-reference, --merge** Merge reference subtitles with synced output subtitles.
Default: False
- make-test-case, --create-test-case** If specified, serialize reference speech to a numpy array, and create an archive with input/output subtitles and serialized speech.
Default: False
- reference-stream, --refstream, --reference-track, --reftrack** Which stream/track in the video file to use as reference, formatted according to ffmpeg conventions. For example, 0:s:0 uses the first subtitle track; 0:a:3 would use the third audio track. You can also drop the leading 0:; i.e. use s:0 or a:3, respectively. Example: *ffs ref.mkv -i in.srt -o out.srt --reference-stream s:2*
- v, --version** show program's version number and exit
- overwrite-input** If specified, will overwrite the input srt instead of writing the output to a new file.
Default: False
- encoding** What encoding to use for reading input subtitles (default=infer).
Default: "infer"
- max-subtitle-seconds** Maximum duration for a subtitle to appear on-screen (default=10.000 seconds).
Default: 10
- start-seconds** Start time for processing (default=0 seconds).
Default: 0
- max-offset-seconds** The max allowed offset seconds for any subtitle segment (default=60 seconds).
Default: 60
- apply-offset-seconds** Apply a predefined offset in seconds to all subtitle segments (default=0 seconds).
Default: 0
- frame-rate** Frame rate for audio extraction (default=48000).
Default: 48000
- skip-infer-framerate-ratio** If set, do not try to infer framerate ratio based on duration ratio.
Default: False
- non-speech-label** Label to use for frames detected as non-speech (default=0.000000)
Default: 0.0
- output-encoding** What encoding to use for writing output subtitles (default=utf-8). Can indicate "same" to use same encoding as that of the input.
Default: "utf-8"

- reference-encoding** What encoding to use for reading / writing reference subtitles (if applicable, default=infer).
- vad** Possible choices: subs_then_webrtc, webrtc, subs_then_auditok, auditok, subs_then_silero, silero
Which voice activity detector to use for speech extraction (if using video / audio as a reference, default=subs_then_webrtc).
- no-fix-framerate** If specified, subsync will not attempt to correct a framerate mismatch between reference and subtitles.
Default: False
- serialize-speech** If specified, serialize reference speech to a numpy array.
Default: False
- extract-subs-from-stream, --extract-subtitles-from-stream** If specified, do not attempt sync; instead, just extract subtitles from the specified stream using the reference.
- suppress-output-if-offset-less-than** If specified, do not produce output if offset below provided threshold.
- ffmpeg-path, --ffmpegpath** Where to look for ffmpeg and ffprobe. Uses the system PATH by default.
- log-dir-path** If provided, will save log file ffsubsync.log to this path (must be an existing directory).
- gss** If specified, use golden-section search to try to find the optimal framerate ratio between video and subtitles.
Default: False
- strict** If specified, refuse to parse srt files with formatting issues.
Default: False