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| **Processing Images, Video, Audio**  **FFmpeg** |
| **Copy/Extract Segment of MP4 Video (Specified Start Time, End Time):**  "/c/Program Files/VideoTools/ffmpeg.exe" -ss 00:00:10 -to 00:00:50 -i ./TaoSageswhitejadeite15x9x3inch1338.mp4 -c copy -copyts ./TaoSagesWhiteadeite15x9x3inch.mp4 WORKED  **MP4 Video Orientation Rotation:**  "/c/Program Files/VideoTools/ffmpeg.exe" -i ./TaoSagesWhiteJadeite15x9x3inch.mp4 -vf "transpose=2" ./TaoSagesWhiteJadeite15x9x3inchII.mp4 WORKED  **Copy/Extract Segment of Audio (Specified Start Time, End Time):**  "/c/Program Files/VideoTools/ffmpeg.exe" -ss 00:35:00 -to 00:37:30 -i ./690114\_PhilipGoddardWindchimesII.flac -c copy -copyts ./PhilipGoddardWindchimes.flac WORKED  **Volume Decrease:**  "/c/Program Files/VideoTools/ffmpeg.exe" -i TaoSagesWhiteJadeiteWindchimes.mp4 -c:v copy -af "volume=0.5" -c:a aac TaoSagesWhiteJadeiteWindchimes\_LowerVolume.mp4  "/c/Program Files/VideoTools/ffmpeg.exe" -i TaoSagesWhiteJadeiteWindchimesNM.mp4 -c:v copy -af "volume=0.5" -c:a aac TaoSagesWhiteJadeiteWindchimesVolAdj.mp4 WORKED |
| **Replaace MP4 Audio with MP3 Audio:**  Context is FFmpeg 6.1:  We have an MP4 that is 60 seconds long, and a MP3 which is longer (150 seconds).  The MP4 is over 2 times the length of the MP3 audio, therefore truncate the audio when reaching the end of the MP4 video.  We want the output file to be the MP4 video with it's audio replaaced by the input MP3 audio.  What would the ffmpeg command line be for having the audio of the MP4 be replaced by the MP3 audio.  "/c/Program Files/VideoTools/ffmpeg.exe" -i TaoSagesWhiteJadeite15x9x3inchII.mp4 -i PhilipGoddardWindchimes.flac -map 0:v -map 1:a -c:v copy -c:a aac -shortest TaoSagesWhiteJadeiteWindchimes.mp4    "/c/Program Files/VideoTools/ffmpeg.exe" -i TaoSagesWhiteJadeite15x9x3inchII.mp4 -i PhilipGoddardWindchimes.flac -map 0:v -map 1:a -c:v copy -c:a aac -af "volume=0.5" -shortest TaoSagesWhiteJadeiteWindchimes\_LowerVolume.mp4 |
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| **Remove Metadata:**  "/c/Program Files/VideoTools/ffmpeg.exe" -i TaoSagesWhiteJadeiteWindchimes.mp4 -map 0 -map\_metadata -1 -c copy TaoSagesWhiteJadeiteWindchimes\_NoMetadata.mp4 WORKED (Not Sure) |

**Photography**

lighting color temperature of 6500 (outdoor mid day)

Outdoor

Tao Sages 15x9x3 inch (white jadeite)