

Seminar 3: Python and Video (Part III)

VP8 vs V9

Vp8 takes less resources to compress the video and the quality of the video is improved with lower bitrate since vp9 is more efficient. However, vp9 file size is bigger than vp8 and it lasts a bit longer when encoding.

VP9 vs H265

With h265 we obtain a similar result as with vp9 but using half of the bitrate. Thus, the file size and encoding time is smaller when encoding with h265 than encoding with vp9. The overall scene seems to be a little brighter.

H265 vs AV1

Both codecs are used in high quality video formats. AV1 codec requires less bitrate to obtain the same video quality. All in all, AV1 is more efficient than h265 and it is open source.