Project Name: H.264/AVC x264

Topic of our project is H.264/AVC x264. In this project, FFmpeg software will be used. FFmpeg is a cross-platform open source multimedia framework which provides different functionalities such as encoder, decoder, transcoder, muxer, demuxer, streamer and player. libavcodec library in FFmpeg supports H.264/AVC video coding format using x264 encoder and its native decoder. libx264 encoder in libavcodec supports 8x8 and 4x4 adaptive spatial transform, adaptive B-frame placement, CAVLC/CABAC entropy coding, interlacing (MBAFF), lossless mode, psy optimizations for detail retention (adaptive quantization, psy-RD, psy-trellis). For RGB pixel format, libx264rgb encoder in libavcodec can be used.

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