

Supported Source Formats and Codecs

Avalon Media System uses FFmpeg which supports many common and uncommon source formats and codecs that can be ingested and transcoded to the kind of video or audio file that you want.*

Supported Common Source Formats

AAC, AC3, AIFF, APE, AU, AVI, AVR, DTS, FLAC, IFF, MOV, MP4, M4A, M4V, 3GP, 3G2, MJ2, MOV, MP3, MPEG, OGG, PAF, PVF, RM, W64, WAV, WMV, WMA

Supported Video Source Codecs

012v, 4xm, 8bps, aasc, amv, anm, ansi, asv1, asv2, aura, aura2, avrn, avrp, avs, avui, ayuv, bethsoftvid, bfi, binkvideo, bintext, bmp, bmv_video, brender_pix, c93, cavs, cdgraphics, cdxl, cinepak, cljr, cllc, cmv, cpia, cscd, cyuv, dfa, dirac, dnxhd, dpx, dsicinvideo, dvvideo, dxa, dxtory, escape124, escape130, exr, ffv1, ffvhuff, flashsv, flashsv2, flic, flv1, fraps, frwu, gif, h261, h263, h263i, h263p, h264, huffyuv, idcin, idf, iff_byterun1, iff_ilbm, indeo2, indeo3, indeo4, indeo5, interplayvideo, jpeg2000, jpegls, jv, kgv1, kmvc, lagarith, loco, mad, mdec, mimic, mjpeg, mjpegb, mmvideo, motionpixels, mpeg1video, mpeg2video, mpeg4, msa1, msmpeg4v1, msmpeg4v2, msmpeg4v3, msrle, mss1, mss2, msvideo1, mszh, mts2, mvc1, mvc2, mxpeg, nuv, paf_video, pam, pbm, pcx, pgm, pgmyuv, pictor, png, ppm, prores, ptx, qdraw, qpeg, qtrle, r10k, r210, rawvideo, rl2, roq, rpza, rv10, rv20, rv30, rv40, sanm, sgi, sgirle, smackvideo, smc, snow, sp5x, sunrast, svq1, svq3, targa, targa_y216, tgq, tgv, theora, thp, tiertexseqvideo, tiff, tmv, tqi, trueemotion1, trueemotion2, tsc2, tsc2, txd, ulti, utvideo, v210, v210x, v308, v408, v410, vb, vble, vc1, vc1image, vcr1, vixl, vmdvideo, vmnc, vp3, vp5, vp6, vp6a, vp6f, vp8, wmv1, wmv2, wmv3, wmv3image, wnv1, ws_vqa, xan_wc3, xan_wc4, xbin, xbm, xface, xwd, y41p, yop, yuv4, zerocodec, zlib, zmbv

Supported Audio Source Codecs

8svx_exp, 8svx_fib, aac, aac_latm, ac3, adpcm_4xm, adpcm_adx, adpcm_afc, adpcm_ct, adpcm_ea, adpcm_ea_maxis_xa, adpcm_ea_r1, adpcm_ea_r2, adpcm_ea_r3, adpcm_ea_xas, adpcm_g722, adpcm_g726, adpcm_ima_amv, adpcm_ima_apc, adpcm_ima_dk3, adpcm_ima_dk4, adpcm_ima_ea_eacs, adpcm_ima_ea_sead, adpcm_ima_iss, adpcm_ima_oki, adpcm_ima_qt, adpcm_ima_smjpeg, adpcm_ima_wav, adpcm_ima_ws, adpcm_ms, adpcm_sbpro_2, adpcm_sbpro_3, adpcm_sbpro_4, adpcm_swf, adpcm_thp, adpcm_xa, adpcm_yamaha, alac, amr_nb, amr_wb, ape, atrac1, atrac3, binkaudio_dct, binkaudio_rdf, bmv_audio, comfortnoise, cook, dsicinaudio, dts, eac3, evrc, flac, g723_1, g729, gsm, gsm_ms, iac, imc, interplay_dpcm, mace3, mace6, mlp, mp1, mp2, mp3, mp3adu, mp3on4, mp4als, musepack7, musepack8, nellymoser, paf_audio, pcm_alaw, pcm_bluray, pcm_dvd, pcm_f32be, pcm_f32le, pcm_f64be, pcm_f64le, pcm_lxf, pcm_mulaw, pcm_s16be, pcm_s16be_planar, pcm_s16le, pcm_s16le_planar, pcm_s24be, pcm_s24daud, pcm_s24le, pcm_s24le_planar, pcm_s32be, pcm_s32le, pcm_s32le_planar, pcm_s8, pcm_s8_planar, pcm_u16be, pcm_u16le, pcm_u24be, pcm_u24le, pcm_u32be, pcm_u32le, pcm_zork, qcelp, qdm2, ra_144, ra_288, ralf, roq_dpcm, s302m, shorten, sipr, smackaudio, sol_dpcm, sonic, tak, truehd, truespeech, tta, twinvq, vima, vmdaudio, vorbis, wavesynth, wavpack, westwood_snd1, wmalossless, wmapro, wmap1, wmap2, wmavoice, xan_dpcm

* This documentation was generated from a list of file formats and codecs that can be recognized and decoded by Avalon's versions of FFmpeg and MedialInfo, two necessary components of the Matterhorn processing workflow. We have not tested each format and codec individually, and this list is subject to change based on the versions of FFmpeg and MedialInfo implemented in Avalon.