

castLabs

Transcoding Mezzanine Definition

General	Container	.mov
Video	Scan type	Progressive
	Codec	ProRes / AVC / HEVC (8-10 Bit)
	min. vertical Resolution HD	720
	min. vertical Resolution SD	480
	Bitrate	CBR/VBR, suitable mezzanine quality
Audio (in .mov)	Sample rate	48 kHz
	Sample size	16 / 24 Bit
	Codec	LPCM / WAV / FLAC
	Language identifier (MOV field track language)	Set to current value, 2/3 letter code (ISO 639-2) + RFC-5646 region tag if needed. I.e. "ENG_GB" OR Custom code, provided upfront to castLabs
	Channel attribute (MOV track name attribute)	https://trac.ffmpeg.org/wiki/AudioChannelManipulation#Layouts
Audio (not in .mov)	Sample rate	48 kHz
	Sample size	16 / 24 Bit
	Codec	LPCM / WAV / FLAC
	Language identifier (last part of filename, prefixed with "_") (AIF file headers must have the same Code set in the ID3v2 tag, unless a custom code or the RFC addition apply, then no code must be set at all in ID3)	1) Set to current value, 2/3 letter code (ISO 639-2) + RFC-5646 region tag if needed. OR 2) Custom code, provided upfront to castLabs I.e. "audiofile_ENG_GB.aif" or "audiofile_BPO.aif"

	Channel attribute (second last part of filename, prefixed with “_”)	https://trac.ffmpeg.org/wiki/AudioChannelManipulation#Layouts
Text	Subtitles / Closed Caption	TTML / DFXP / IMSC - text based only
	Language identifier (last part of filename, prefixed with “_”)	<p>1) Set to current value, 2/3 letter code (ISO 639-2) + RFC-5646 region tag if needed.</p> <p>OR</p> <p>2) Custom code, provided upfront to castLabs</p> <p>I.e. “subtitle_ENG_GB.dfxp” or “subtitle_BPO.dfxp”</p>
Text	Subtitles / Closed Caption	SRT
	Language identifier (last part of filename, prefixed with “_”)	<p>1) Set to current value, 2/3 letter code (ISO 639-2) + RFC-5646 region tag if needed.</p> <p>OR</p> <p>2) Custom code, provided upfront to castLabs</p> <p>I.e. “subtitle_ENG_GB.srt” or “subtitle_BPO.srt”</p>
Delivery	Expedat client	http://cds.castlabs.com/