

Adding and Removing Specific Encodings

Some Releases are made available in different encodings. A record company may for example, provide lossless encodings (e.g. using FLAC) as well as lossy encodings (e.g. using MP3 or AAC) or stereo mixes as well as multi-channel mixes side by side.

Usually, a record company will communicate all metadata as well as all resource files for all encodings in the initial `NewReleaseMessage`. Subsequent updates will then no longer need to provide further details on these encodings.

Adding encodings

If a record company, who has provided an ERN message containing only a stereo MP3 and a multi-channel AAC encoding in a previous `NewReleaseMessage`, wishes to also provide a lossless FLAC encoding, it needs to

- Provide all descriptive metadata for all Resources and Releases;
- Provide all active Deals;
- Provide `TechnicalSoundRecordingDetails` (in ERN-3) or `TechnicalDetails` (in ERN-4) for all previously communicated encodings (MP3 and AAC in the above example) as well as for all new encodings (FLAC); and
- Provide all primary resource files for all old and new encodings.

Removing encodings

To signal that a set of encodings – e.g. the MP3 ones in the above example – should be removed, the ERN needs to:

- Provide all descriptive metadata for all Resources and Releases;
- Provide all active Deals;
- Provide `TechnicalSoundRecordingDetails` (in ERN-3) or `TechnicalDetails` (in ERN-4) for the retained encoding (i.e. AAC and FLAC); and
- Provide all primary resource files for all retained encodings. The encodings that are withdrawn should no longer be referenced.

For a receiving DSP the absence of a formerly communicated set of `TechnicalSoundRecordingDetails` (in ERN-3) or `TechnicalDetails` (in ERN-4) indicates that those encodings shall be removed from the start date of the relevant Deals).