Transcoding templates creation and editing

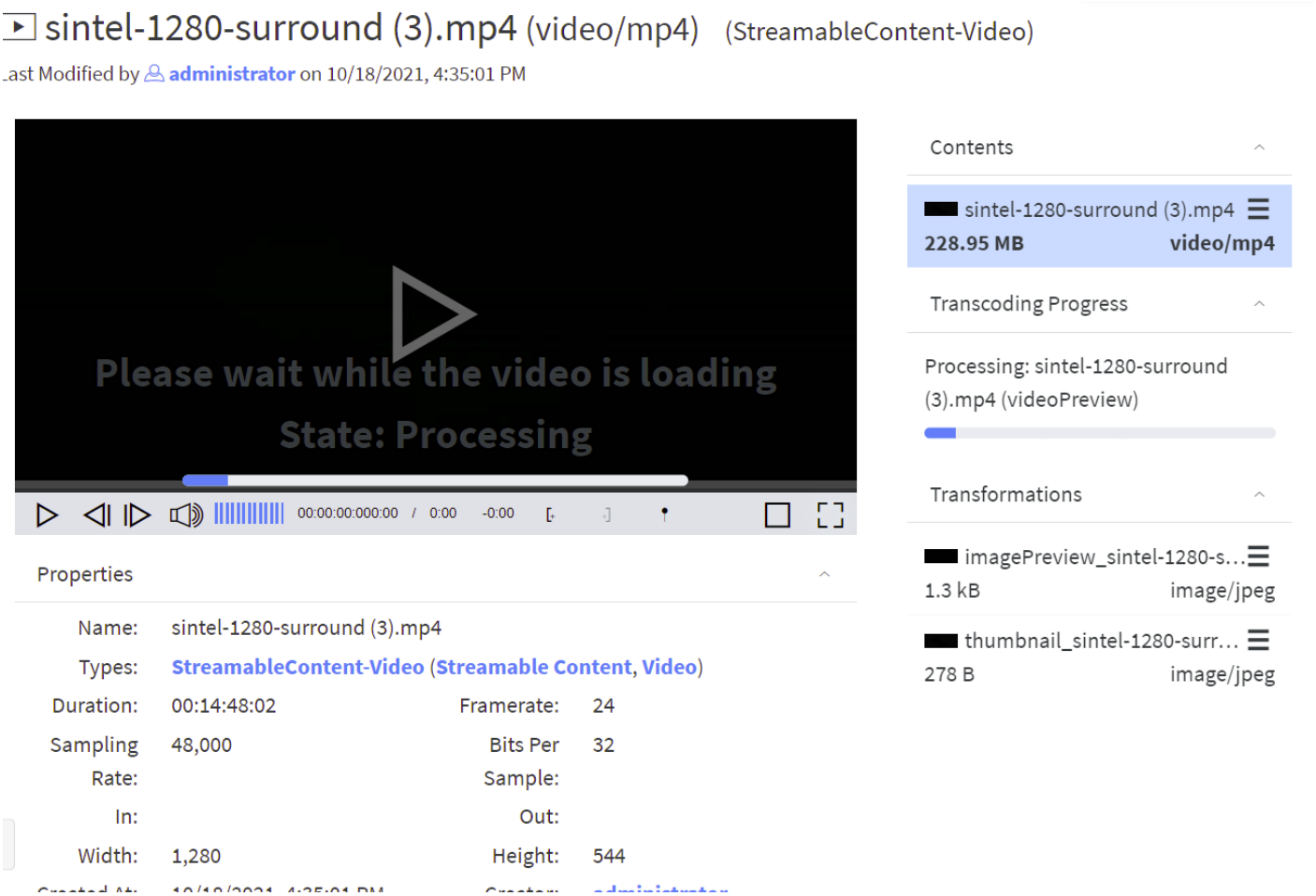
Profuz LAPIS can trigger automatically transcoding processes according to workflow scenarios. E.g. Media content being ingested/uploaded into media mapped folders into no-native for the customer profile formats. Profuz LAPIS will recognize the incoming media profile formats and will start a transcoding process based on created transcoding presets.

1. Create a new Transcoding template from Create New → type or select Media Transcode Template then fill the encoding attributes. There are few important attribute fields such as encoder, container and resolution.

> **Hint**: Contact support team for any syntax matters

Remark: Presets can be started automatically or manually.

For manual transcoding select media content then properties-> select from drop-down menu Transcode and desired transcoding preset.

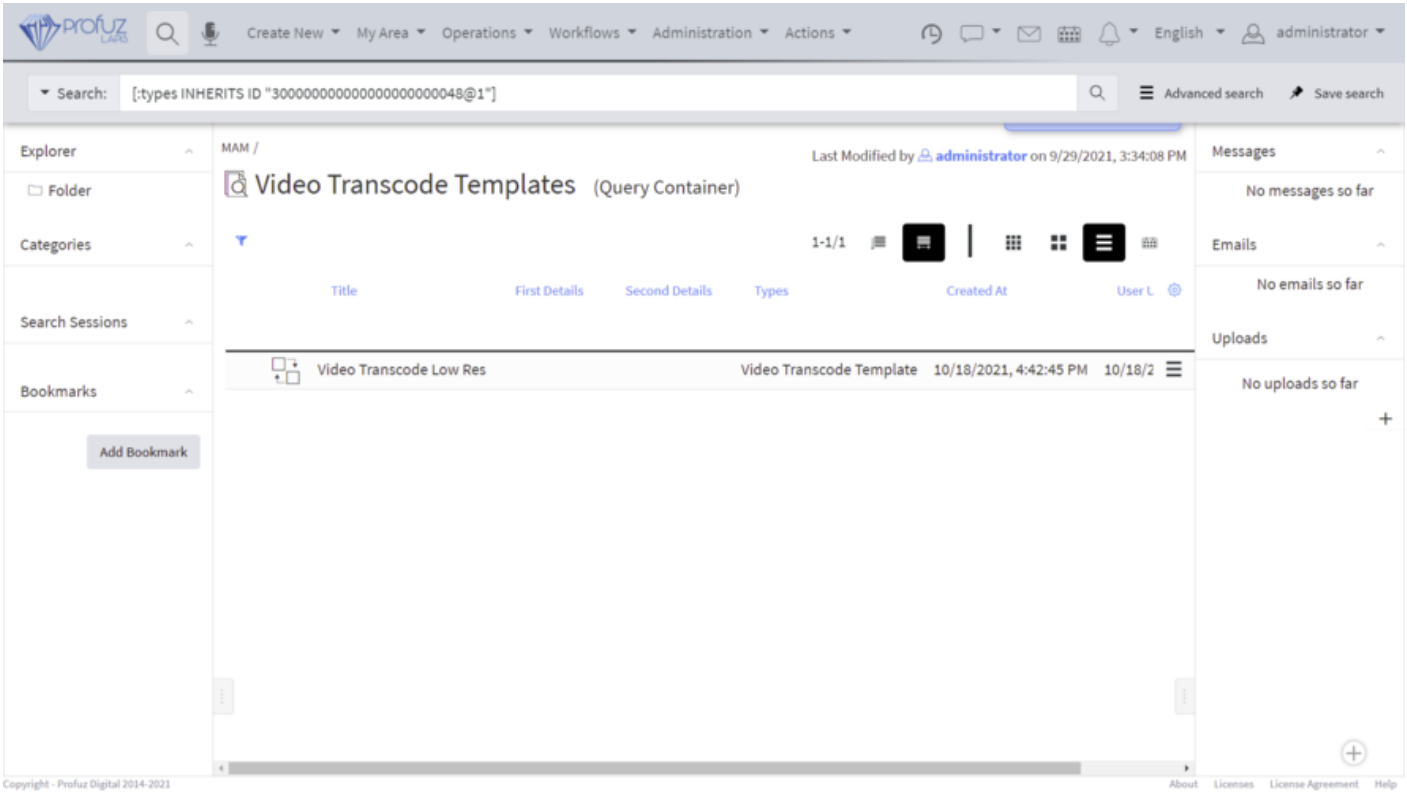


When transcoding process is started, a progress bar will appear and will show to the user the status of the transcoding progress. Once it finished, the copy will be available for usage.

Remark: You can monitor all queued and ongoing transformations in the MAM -> Current Transcoddings, and view all finished transcoddings in MAM -> Finished Transcodings.

Example for editing Video Transcode Template

Go to MAM → Video Transcode Templates as shown below:



Select the template you want to edit and go to Actions →Edit:

MAM / Media Transcode Templates / c+ mi /

Last modified by ***Administrator*** *on 1/31/2025, 12:16:06 P.*

My Transcoding Preset (Draft-MediaTranscodeTemplate)

Edit | All Properties | System

Collaborators: Administrator

Name *

My Transcoding Preset

Format *

mp4

Video Codec

h264

Video Bitrate

950000

Audio Codec

aac

Audio Bitrate

96000

Extension

mp4

Width

960

Height

Grayscale

Input Video Parameters Preset

Input Audio Parameters Preset

Input Common Parameters Preset

Output Video Parameters Preset

Output Audio Parameters Preset

Output Common Parameters Preset

Additional Parameters

-preset:v

fast

Containers

Filter...

Permissions

Edit Original Permissions

Activities

Types

Add a Comment

No results

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Template properties

- **Format** - file format. One of the specifiers for muxers as returned by `ffmpeg -formats`. For example **mp4**, **avi**, **flv**, **gif**. You may find more info in ffmpeg formats documentation;
- **Video Codec** - one of the video encoder specifiers as returned by `ffmpeg -codecs`. For example **h264** (for automatic selection of software or hardware encoding), **libx264** (for software encoding of h264), **h264_nvenc** (for NVidia GPU encoder), **mpeg2video**. You may find more info in ffmpeg video encoders documentation;
- **Video Bitrate** - bitrate in bits per second. For example **3000000** for 3 Mib/s;
- **Audio Codec** - one of the audio encoder specifiers as returned by `ffmpeg -codecs`. For example **aac**, **mp3**, **pcm_f16le.** You may find more info in ffmpeg audio encoders documentations.
- **Audio Bitrate** - bitrate in bits per second. For example **96000** for 96 Kib/s;
- **Extension** - file extension for the transcoded file;
- **Width** - for video formats specify the width of the video frame. Leave blank to use original width;
- **Height** - for video formats specify the height of the video frame. Set to -1 to calculate it based on aspect ratio;
- **Grayscale** - if checked a grayscale video will be produced;
- **Input/Output Video/Audio/Common Parameter Preset** - specify corresponding ffmpeg preset file. You may find more info in ffmpeg presets documentation;
- **Additional Parameters** - you may put any ffmpeg encoding or output option in this field. Each argument is put in separate line. You don't need to surround a parameter in quotes (they are needed only in command line). For all ffmpeg options execute `ffmpeg -h full`. You may find more info for available parameters in ffmpeg documentation.

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