

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.

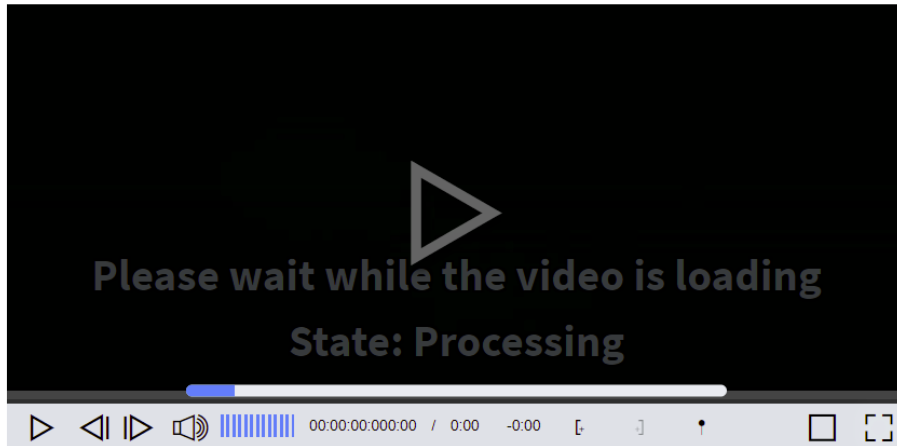
Hint: Contact support team for any syntax matters

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.

▶ sintel-1280-surround (3).mp4 (video/mp4) (StreamableContent-Video)

Last Modified by [administrator](#) on 10/18/2021, 4:35:01 PM



Properties

Name: sintel-1280-surround (3).mp4
Types: [StreamableContent-Video](#) ([Streamable Content](#), [Video](#))
Duration: 00:14:48:02 Framerate: 24
Sampling Rate: 48,000 Bits Per Sample: 32
In: Out:
Width: 1,280 Height: 544
Created At: 10/18/2021 4:35:01 PM Created By: [administrator](#)

Contents

■ sintel-1280-surround (3).mp4
228.95 MB video/mp4

Transcoding Progress

Processing: sintel-1280-surround (3).mp4 (videoPreview)

Transformations

■ imagePreview_sintel-1280-s...
1.3 kB image/jpeg

■ thumbnail_sintel-1280-surr...
278 B image/jpeg

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 Transcodings, and view all finished transcodings in MAM -> Finished Transcodings.

Example for editing Video Transcode Template

Go to MAM → Video Transcode Templates as shown below:

[illegible]

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

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

☒

B

I

U

G

A

...

Add a Comment

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](#).

Revision #8

Created 15 November 2024 17:01:57 by Pierre

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