Converter & Scaler
Comprehensive A/C Codec Library

The MainConcept Converter & Scaler SDK is a set of powerful components focussed on audio and video processing. The package includes highly optimized libraries for color conversion, image scaling, audio conversion and frame rate conversion targeted at applications for video encoding, transcoding, editing, processing and storage.

PACKAGES

- **Converter & Scaler**
  Combined package of components for converting video across multiple color spaces and colorimetries (including BT.2020 support), scaling video and change audio sampling frequencies.

OPERATING SYSTEM

- Microsoft Windows 10, Windows 11 (64-bit, x86)
- Apple macOS 10.15 and newer (64-bit x86); macOS 11.x and newer (Apple Silicon)
- Linux Ubuntu 20.04 LTS – 22.04 LTS, Rocky Linux 8.9, CentOS 7.9 (64-bit, x86); Ubuntu 20.04 (64-bit, ARM)

CONVERTER & SCALER

KEY FEATURES

- Image Scaling and Color Conversion: Optimized component that can perform both image scaling and color conversion in one single operation to reduce processing time.

- Color Space Conversion: Large matrix of available real-time color space and bit depths up to UHDTV (4K), incl. color space support for BT.709, BT.601 and BT.2020.

- Frame Rate Conversion: Allows to convert video frame rates on field level. Supports conversion of progressive and interlaced frames.

- Audio Conversion: On-the-fly audio conversion PCM, DVD LPCM, HDMV LPCM and AES3 input/output data formats, incl. sample rate and channel configuration change.

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