

ProRes Decoder

Native ingest of ProRes video

MainConcept proudly presents the world's first Apple authorized commercial ProRes decoder library for Windows, macOS and Linux!



Apple ProRes is a well-established and widely used intermediate format throughout the broadcast industry. Its high-resolution capabilities and wide chroma sampling support have made it the codec of choice for many facilities worldwide. ProRes is natively supported on Apple computers and used to be available to Windows users via QuickTime.

Now, ProRes has been converted from a generic Apple format to an officially SMPTE approved document (RDD-36) and MainConcept is introducing a Decoder SDK which allows adding ProRes native ingest and decoding to any transcoding, editing and playback application.

While Apple ProRes video will typically be wrapped into a QuickTime (MOV) container another recent SMPTE document (RDD-44) allows embedding ProRes into MXF, making it perfectly suited for professional production workflows. The MainConcept ProRes Decoder SDK supports both file formats as well as ProRes Elementary Streams for a seamless integration and widest possible support of all ProRes flavors.

Like all of the MainConcept SDKs, the ProRes Decoder SDK is available on Windows, macOS and Linux to enable efficient Apple ProRes workflows on premise and in the cloud.

MAINCONCEPT PRORES DECODER SDK PACKAGES

PRORES DECODER SDK

Standalone ProRes Decoder with supported demultiplexers and audio decoders.

STREAM TYPES & FORMATS

MOV / MP4:

RDD-36 compliant ProRes streams in MOV container

MXF:

Apple ProRes streams in MXF container, compliant with RDD-44

Elementary Streams:

Generic ProRes ES

FEATURES

Native ProRes Decoding:

Precise Apple ProRes decoding in accordance with SMPTE RDD-36. Multi-threaded and optimized decoder delivering amazing speed on any operating system.

High Dynamic Range:

PQ-10 (SMPTE ST.2084) HDR awareness.

Multiple Formats Support:

MP4 / MOV and MXF (RDD-44) container support.

Proxy Preview Mode:

Special acceleration mode for proxy and preview playback of high-res and high-bitrate Apple ProRes content.

Cross Platform Coverage:

Available for all platforms: Windows, macOS and Linux (64-bit). No requirement for QuickTime or any other 3rd party tools.

COMPONENTS

PRORES DECODER SDK

ProRes Video Decoder
MP4 Demultiplexer
MXF Demultiplexer
Media File Importer

TECH SPECS

- Microsoft® Windows® 7, Windows 8, Windows 10 (64-bit)
- Apple macOS 10.7 and newer (64-bit)
- Linux Ubuntu 14.04 LTS or CentOS 7.2 and newer (64-bit)

For Windows, macOS and Linux, the codec package consists of a Low Level API (in the C programming language). Under Windows, it additionally includes DirectShow® filters for decoding and encoding.

MORE INFORMATION:
MAINCONCEPT.COM

EMAIL:
SALES@MAINCONCEPT.COM

REQUEST YOUR DEMO SDK:
WWW.MAINCONCEPT.COM/LICENSING-FORM.HTML