

Net-X-Code



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Net-X-Code is a network audio and video stream capture application with real time translation to multiple standard file formats. The two supported protocols are UDP and RTP/RTSP.

A master station is set up with "channels" corresponding to single remote stations. Each remote station provides a audio/video data feed over the network. The feed is captured over the network along with a proxy version, by the master station.

Conversions may be broken up into segments on disk for easier searching and control. All available time code and other metadata is converted from the original stream to all the convert output streams. All output streams are written simultaneously. Multiple capture channels can be run on the same computer, so long as network, disk and CPU bandwidth are available.

Details (click to show)

Records

The captured data is stored in the original format on the disk (such as transport stream, program stream, elementary stream) without any translation. It can be in any format, as we are not processing the initial capture. To convert it to other file types, it must be a supported type. Supported types include:

- Container/Wrapper:
 - Transport Stream
 - Program Stream
 - Elementary Stream
 - AVI
 - MOV
 - MP4 (most, but not all)
 - WMV (without DRM)
- Video Codecs:
 - MPEG-1
 - MPEG-2 (4:2:0 and 4:2:2, SD/HD)
 - MPEG-4
 - h.264
 - Windows Media (without DRM)
 - Most Windows AVI codecs (when running on Windows)
 - Most QuickTime codecs (when running on Windows or OS-X)
- Audio Codecs:
 - MPEG Layer 1/2
 - MPEG Layer 3
 - MPEG PCM
 - AES3
 - Other codecs optionally available for decode or pass through

Proxy Records

From any supported initial capture type, one or more of the following output types can be encoded as well.

- MPEG-1 (with downconversion)
- MPEG-2 SD
- MPEG-2 HD
- MOV h.264/AVC
- AVI YCbCr uncompressed
- MOV YCbCr uncompressed

Specifications are subject to change without notice.

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