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Closed Captioning with MacCaption and Final Cut Pro X

In the previous version of Final Cut Pro version 7 a video editor could directly access menus called *print to tape* or *edit to tape*. Through these menu options, video could be exported through compatible video hardware cards such as AJA Kona, BlackMagic Decklink, and Matrox MXO2. In addition, there was support for closed caption data in these output menus that could accept both .SCC and QuickTime with 608 closed caption track file formats. Final Cut Pro X currently does not have support *print to tape* or *edit to tape* options using AJA Kona, BlackMagic Decklink, and Matrox MXO2. Therefore, .SCC and QuickTime with 608 closed caption track formats cannot be used at all inside Final Cut Pro X.

The solution to *print to tape* with closed captioning using a video capture card is found only through 3rd party video capture and output software available through the manufacturers of the video capture cards. Examples of these *print to tape* software are as follows:

AJA KONA

Currently, AJA systems has a free software product called *AJA VTR Xchange* which can be used to both capture closed captioning from a videotape to a QuickTime or *print to tape* with closed captioning from a QuickTime with embedded Closed Captions.

Please follow the link below to download the VTR Xchange software.

http://www.aja.com/ajashare/AJA_VTR_Xchangev5.zip

(Note: This software is intended to be used with AJA Kona and AJA IO HD hardware.)

Closed captioning support with *AJA VTR Xchange* is only possible with QuickTime .mov files with embedded closed caption track. MacCaption can add closed caption track for SD and HD QuickTime video files.

Matrox MXO2

Matrox Video Systems also has a video playback and capture software called *Ventura*. To download this software, please follow the link below.

http://www.matrox.com/video/en/products/mac/mxo2_family/fcpx_compressor4

(Note: This software can be used with Matrox MXO2 hardware.)

Closed captioning support with Matrox MXO2 video hardware is possible through the 4VANC audio file embedded into a QuickTime .mov file. This 4VANC audio metadata contains both SD and HD closed captioning data for both SD and HD video output. 4VANC audio files can be embedded in any QuickTime .mov file with MacCaption software.