



Auto-Referencing Read Me

Calibrated Software, Inc.

Auto-Referencing

Overview

Setting up Auto-Referencing will lead to a more productive workflow when using Calibrated{Q} MXF Import for OSX with XDCAM HD/EX MXF, Ikegami MXF and other types of Variable-Bit Rate (i.e. MPEG2, etc) or Indexed MXF files.

Because of the Long-GOP structure of MPEG2 MXF Files and the fact that MPEG2 MXF Files are not technically limited to a 4GB file size, it can take a bit more time to build the Index that QuickTime requires when Calibrated{Q} MXF Import is used with MPEG2 and other types of Indexed MXF Files. This can lead to **significant** load times when a FCP project is opened using Calibrated{Q} MXF Import with MPEG2 and other types of Indexed MXF files.

Auto-Referencing is a way to take advantage of the fact that Calibrated{Q} MXF Import can auto-create a QuickTime Reference Movie when a user opens a MXF file in an application. Once this QuickTime Reference Movie is created, Calibrated{Q} MXF Import can be setup to search for that QuickTime Reference Movie when ever that same MXF file is opened again – and then instead of re-parsing the MXF file it uses the saved file index in its matching QuickTime Reference Movie. Thus eliminating the need to re-parse MPEG2 and other types of Indexed MXF Files every time they are opened.

The best part about Auto-Referencing is you don't have to manage QuickTime Reference Movies at all – the Calibrated{Q} MXF Import plugin does that for you. If a QuickTime Reference Movie is not found it's simply recreated and used next time the MXF clip is opened.

LIMITATION

If a MXF File has been updated, and Auto-Referencing is enabled a user needs to manually delete the QuickTime Reference Movie that corresponds to the MXF File for any of the updated information to be recognized.

Setting Up Auto-Referencing

1. First open the Calibrated{Q} MXF Options application

Location in Windows:

[System Drive]\Program Files\Calibrated\Applications\Options\CalibratedQMXFOptions.exe

Location in OSX:

/Applications/Calibrated/Applications/Options/CalibratedQMXFOptions.app

2. Go to the 'ref' page of Calibrated{Q} MXF Options application
3. Check 'VBE or Indexed MXF Files (Recommended).
4. Select to save the QT Ref MOV files in the Clip Directory or a Custom Directory.

-The Clip directory will save the QT Ref MOV files in the folder that the MXF file is located in.

-If you are saving to a Custom Directory, the QT Ref MOV files will be supported by folders labeled by the Creation Date and Company name Metadata found in the MXF File.

Congratulations – you have now setup Auto-Referencing for VBE or Indexed MXF files.

You can experiment if you wish using Clip Directory, a Custom Directory or both to save QuickTime Reference Movies – please choose the directory that fits your workflow bes

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Calibrated{Q} MXF Import component and Calibrated QuickRefresh contain the following source code:

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Calibrated{Q} MXF Options application and Calibrated QuickRefresh contain the following source code:

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