



Shot Notes X

Version 1.0.11

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WHAT'S NEW IN SHOT NOTES X 1.0.11

1. Import Movie Slate 7 and 8 XML
2. Import ScriptE XML
3. Improved RED filename matching (only need the first 8 characters of the RED filename)
4. Improved ARRI filename matching (only need the first 8 characters of the ARRI filename)
5. Set the Camera Name via CSV
6. Set the Parent and Subrole via CSV
7. Preference to create Events for each scene

INTRODUCTION

Shots Notes X will combine a Final Cut Pro 10 Event XML, with a series of notes from several file formats. A new FCPXML is generated with updated notes, keywords, scene, take, camera angle, camera name, Roles, and Favorites or Rejects. The notes will also be added to custom metadata fields that may be displayed in the Inspector. As of Final Cut Pro 10.2.2, these custom metadata fields cannot be displayed in Final Cut Pro 10's list view. Keywords, and notes metadata that are present in Final Cut Pro before importing into Shot Notes X will be preserved and combined with keywords and notes from the imported Shot Log, scene, take, rating, and camera angle will be overwritten with the data in the Shot Log. Blank fields in the shot log will leave metadata unaltered.

The FCPXML data and Shot Log are matched using criteria selected by the user in the preferences, Shot Notes X can match based on the clip's name (the name that is displayed in Final Cut Pro) or the media name (file name on the disk), or timecode (the timecode must be within the start or end of the clip) the Shot Log must contain at least the clip's name, filename, or timecode to work.

SYSTEM REQUIREMENTS

- Mac OSX 10.9 or higher.
- Final Cut Pro 10.0.6 or higher
- FCPXML version 1.2 or higher

ACCEPT FILE FORMATS

- From Final Cut Pro:
 - A single Event exported as FCPXML.
- Shot Logs:
 - Text formatted as CSV, using the Shot Notes X Template
 - Movie Slate 7 or 8 XML

ScriptE XML

SUPPORTED METADATA USING CSV

The below metadata is only supported using CSV, for using Movie Slate for ScriptE see sections, Using Movie Slate, or Using ScriptE. A clip or filename is required for Shot Notes to process the data. All other metadata is optional. If this metadata is included in the CSV file it will be added to the clip in FCP.

Clip Name or filename (required, optional if using timecode to match)
Timecode for Matching (required, optional if using clipname or filename to match)
Clip Name Suffix (optional)
Scene (optional)
Take (optional)
Note 1 (optional)
Note 2 (optional)
Keywords (optional)
Favorite (optional)
Reject (optional)
Camera Angle (optional)
Camera Name (optional)
Parent Role (optional)
Subrole (optional)

SUPPORTED FINAL CUT PRO 10 CLIP TYPES

- Video clips
- Audio only clips
- Synchronized clips
- Still Images

USING MOVIE SLATE 7 OR 8 XML

To use a Movie Slate XML, from your Movie Slate Project share, and select Move Slate XML, import this xml instead of the CSV of notes.

HOW MOVIE SLATE DATA IS USED TO FIND MATCHES

Shot Notes uses the clip name, filename, or timecode to match. Movie Slate has a metadata field for file, this metadata will be used to attempt a match with filename.

The slates timecode will be used to match via timecode. Shot Notes calculates the midpoint between the slate timecode start, and the slate timecode end, this provides the best timecode for matching with.

Shot Note’s automatic match features will choose what type of match to use, or this can be overwritten by the user in the preferences.

WHAT DATA IS SUPPORTED

Movie Slate has vast amounts of metadata available, not all the metadata is available yet in Shot Notes.

Movie Slate Metadata	Final Cut Metadata Via Shot Notes X
scene	scene
take	take
note	note
camera	Camera Angle
Project: Production Name, episode, Producer	keyword
Shot: Circle Take, Interior/Exterior, Day/Night, MOS	keyword

EXPORTING XML FROM MOVIE SLATE

1. When sharing your project from Movie Slate select “Movie Slate XML” as the Shot Log Data format
2. Import this XML into Shot Notes X
3. Import an FCPXML with the clips from Final Cut Pro

USING SCRIPTE XML

From ScriptE export the data as XML, import that XML into Shot Notes, the data will be matched with the clips from the import FCPXML.

WHAT SCRIPTE DATA IS SUPPORTED

ScriptE Metadata	Final Cut Metadata Via Shot Notes X
Slate	scene

ScriptE Metadata	Final Cut Metadata Via Shot Notes X
take	take
Shot caption, Shot Description, Technical comment	combine into the note field
camera	Camera Angle
Project: Production Name, Shoot Day, Sound Roll, Original Roll,	keyword
Shot: Circle Status, Complete, Select Type	keyword

HOW SCRIPTE DATA IS USED TO FIND MATCHES

ScriptE only matches clips to the FCPXML using timecode. Shot Notes will automatically use timecode, there is no need to set it in the preferences.

ARRI AND RED FILENAME MATCHING

RED and ARRI Filenames are long and can be complex, making them difficult to record while shooting for the shot log. Shot Notes allows users to only include the first 8 characters of an ARRI Filename or the first 9 of a RED filename and still match with the correct record in the shot log. This is handled automatically by Shot Notes there is no preference to set, in the shot log's Clip Name or Filename column include just the first 8 or 9 characters of the RED or ARRI name.

WORKFLOWS WITH CSV

There are two primary workflows, the first exporting a template Shot Log from Shot Notes X before shooting and entering the information in the Shot Log while on set then combining the data with an XML of clips after shooting using Shot Notes X.

Once the notes are formatted for Shot Notes X, follow these steps:

1. In Shot Notes X on the toolbar or from the menu select Shot Log Template.
2. Fill out data in the spreadsheet
3. When finished save the Spreadsheet as a CSV
4. In Final Cut Pro import your footage
5. Select the Event that contains the footage and export an XML of that Event.

6. Import the XML into Shot Notes X
7. Import the CSV file into Shot Notes X
8. The data will be compared automatically on import of both files
9. Once the data is compared save a new XML from Shot Notes X
10. Import the new XML into Final Cut Pro

The second workflow is to use another script supervising app, slating app, or just a spreadsheet on set to take notes, then formatting the notes into the Shot Notes X template, and save the data as a CSV.

Once the notes are formatted for Shot Notes X, follow these steps:

1. In Final Cut Pro import your footage
2. Select the Event that contains the footage and export an XML of that Event.
3. Import the XML into Shot Notes X
4. Import the CSV file into Shot Notes X
5. The data will be compared automatically on import of both files
6. Once the data is compared save a new XML from Shot Notes X
7. Import the new XML into Final Cut Pro

After import into Final Cut there will be a new Event with the name of the saved XML.

USING MULTIPLE KEYWORDS IN THE CSV

To add multiple keywords per shot the keywords must be separated by a comma*. When the CSV file is opened in a spreadsheet application go to the keyword field for the shot you wish to apply multiple keywords to. In the field, enter keyword information separated by commas*. Example: one, two, three. This would result in three keywords applied to that shot.

*or semicolon depending on your language settings

SYNCHRONIZED CLIPS

Matching for synchronized clips will first check if the clip name to match with is in the CSV data. If the clip name* is not found in the CSV data Shot Notes will look down into the sync clip and check the video clip name* against the CSV data. If the video data is not found in the CSV data, then Shot Notes will search down in the synchronized clip for the audio clip name* and check that against the CSV data.

APPLYING RATINGS FAVORITE OR REJECT

Favorite and Reject ratings are applied to the whole clip, not a specific range of the clip. The Shot Log has a column for Favorite and a column for Reject. To apply a Favorite place any a character into the column, other than 1, 2, 3, or 4. This will be explained further down. To reject a clip place any character in the Reject column.

The Favorite column also works using a rating system. This is to allow for easy support with several other applications including iOS slate applications that allow users to rate takes on set. If users have a rating from iOS slate apps the data can be simply copied and pasted into the favorites column.

The rating system works like this, a rating of 5 will Favorite the clip, a Rating of 1 will reject the clip, characters 2-4 are ignored.

MATCHING VIA TIMECODE

To match a clip via timecode the Timecode must be within the clip' start and end timecode for Shot Notes X to consider it a match.

MATCHING VIA TIME OF DAY

To Match via Time Of Day, the content creation information must be included in the FCPXML. Without this Time of Day will not work.

To Enable content created metadata to be exported follow these steps:

1. Select a clip in Final Cut Pro
2. Open the inspector to the Info tab
3. In the Metadata View pop up (lower left corner of the inspector) select Edit Metadata View sets
4. In the Metadata Views dialog find "Content Created" and enable the checkbox next to it
5. When exporting the FCPXML select the Metadata View

FORMATTING NOTES FOR SHOT NOTES X

Notes need to be specifically formatted as CSV for Shot Notes to process the data. For a example template see "Exporting a blank notes template from Shot Notes X"

SAVING NOTES FROM MICROSOFT EXCEL

With the spreadsheet open in Excel select File -> Save As. Select “Comma Separated Values (.csv)” and save the file.

SAVING NOTES FROM APPLE’S NUMBERS

With the spreadsheet open in Apple’s Numbers, select File -> Export To, and select CSV.

EXPORTING A SHOT LOG TEMPLATE

Users can export a Template Shot Log, this blank template ensures that notes are added to a properly formatted document.

To save the Template Shot Log:

1. Launch Shot Notes X
2. Under the file menu select “Save Template Shot Log”
3. In the save dialog navigate to the location in which you would like to save the file
4. Press “Save”

The template is a CSV file. It can be open in any application that supports CSV, such as Apple’s Numbers, Microsoft’s Excel, etc.

SAVING A SHOT LOG FROM A FCPXML

Users can export a shot log from the Final Cut Pro Event. This is a shot log with which to start taking notes. This log will be pre-populated with the clip names and metadata from the Event.

To Save the Shot Log:

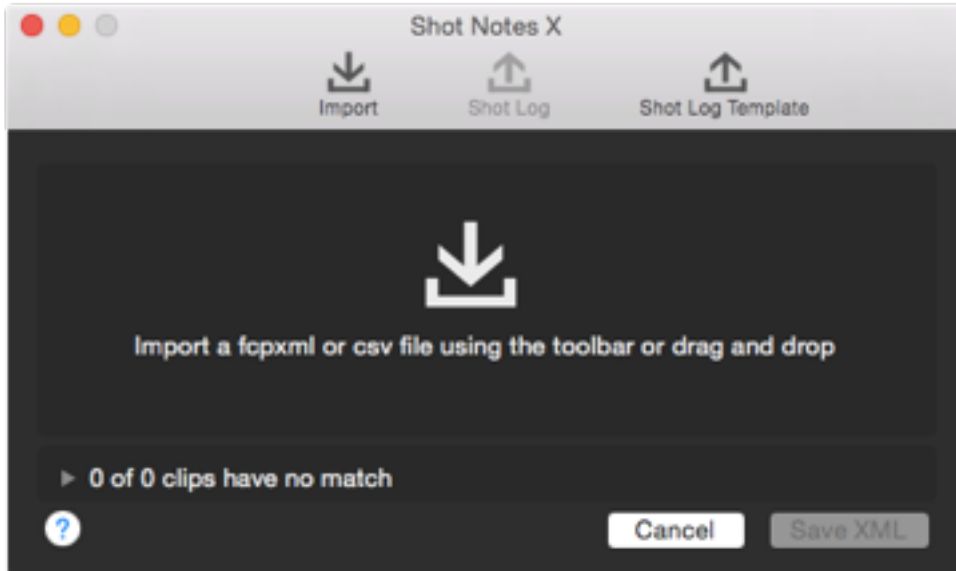
1. Launch Shot Notes
2. Import the Event FCPXML
3. From the file menu select “Save Shot Log From XML”
4. In the save dialog navigate to where the file should be saved
5. Press “Save”

The template is a CSV file. It can be open in any application that supports CSV, such as Apple’s Numbers, Microsoft Excel, etc.

THE USER INTERFACE

DRAG AND DROP IMPORT

The main user interface and the dock icon accept files dragged and dropped onto them, users can drop any acceptable file type, order in which files are dropped does not matter.



IMPORTING WITHOUT DRAG AND DROP

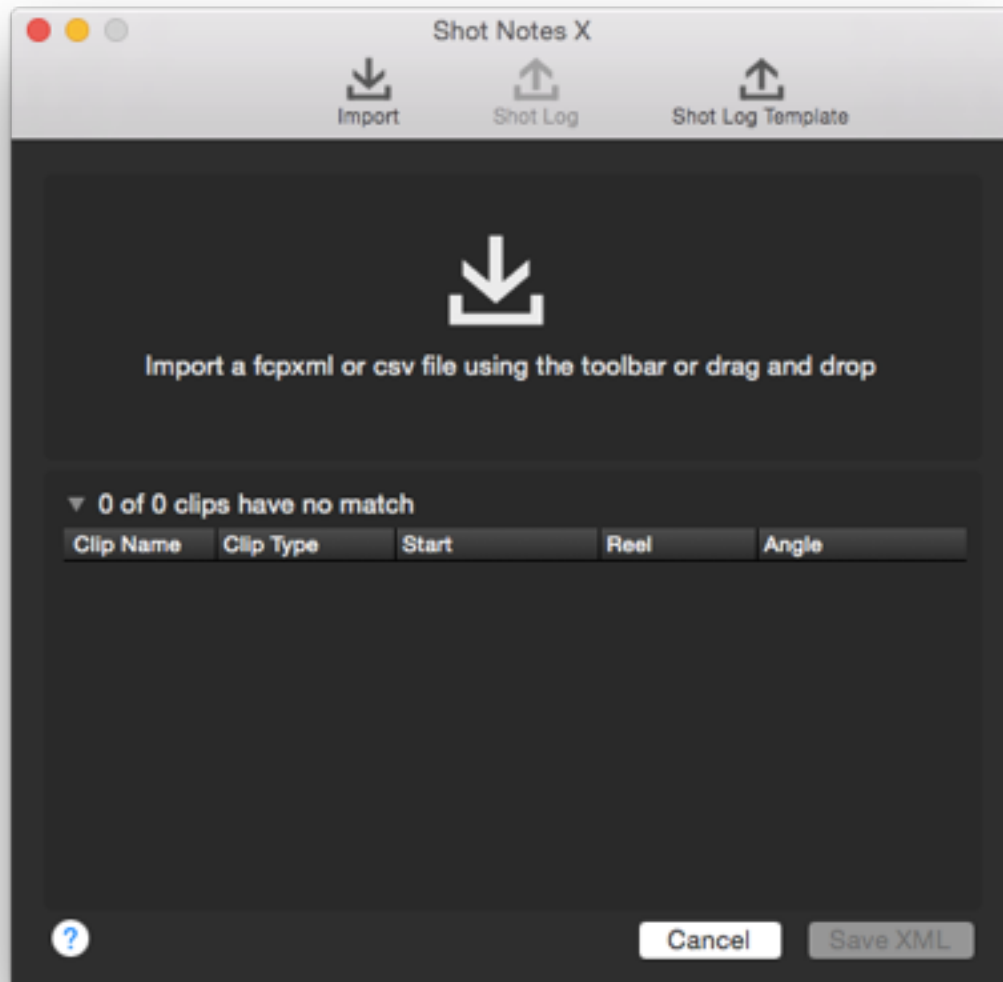
Users can alternatively press the “Import” button on the main user interface or select the “Import” menu option to import both FCPXML and CSV files. Users will be presented with an open dialog to navigate to their desired file.

EXPORTING THE MODIFIED FCPXML

After both the Event FCPXML and the CSV file have been imported, Shot Notes X will process the data and enable the “Save XML” button and menu option. Pressing the “Save XML” button or selecting the “Save XML” menu option presents the user with a save dialog allowing modification of the filename and selecting the location to which the file will be saved.

LIST VIEW FOR CLIP WITHOUT NOTES

When there are clips that no notes can be found in the shot log, a list view is populated displaying the clip’s name and other basic information about it.

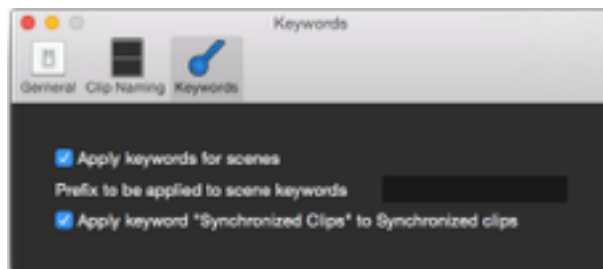
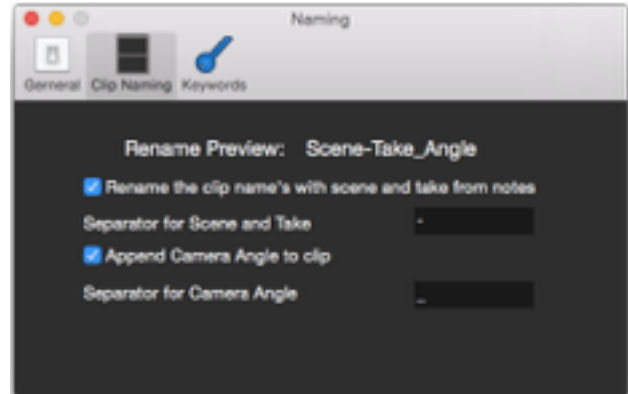


DISPLAYING CUSTOM METADATA IN FINAL CUT PRO

1. Open the Inspector to the info pane
2. Select the drop down in the lower left corner of the inspector
3. Choose “Edit Metadata View...”
4. You can create a new metadata view or add to the default views
5. In the search field, search for Shot Notes X
6. Select the check box next the metadata you wish to display

SETTING PREFERENCES

The preferences determine how the app will match data from the XML with data from the text file.



MATCHING AUTOMATICALLY

This is the new default preference. This will select which method to match by based on the data in the CSV file. Shot Notes will automatically select Clip Name, File Name, or timecode.

MATCHING BASED ON FINAL CUT PRO CLIP NAME

To match the data using the Final Cut Pro Clip Name, (this is the name in Final Cut Pro):

In the CSV file the first column of data has to match the clip's name from Final Cut Pro.

In the Preferences select "Final Cut Pro Clip Name" as the match criteria from the drop down menu.

Ex. The clip in Final Cut Pro is named: 1-1. The first column in the notes has to be: 1-1.

MATCHING BASED ON FILE NAME

To match the data using the file name:

In the CSV file the first column data has to match the clip's filename.

In the Preferences select “File Name” as the match criteria in the drop down menu. If the clip is RED or ARRI only the first 8 character need to be included in the Shot Log.

Ex. If the filename is A001_C001_123456.mov The first column in notes could to be : A001_C001

MATCHING BASED ON TIMECODE

This option matches using data from the Timecode Column, this data can be time of day or timecode.

OPEN MODIFIED XML IN FINAL CUT PRO AFTER SAVING

When this preference is enabled the new FCPXML will be automatically opened in Final Cut Pro.

RENAME THE CLIP NAME'S WITH SCENE AND TAKE

When this preference is enabled if the notes data includes scene and take information the clips will be renamed with the scene and take in this format: scene-take.

*note: if the notes file does not contain both scene and take information for the shot, the original name in the XML is preserved.

RESET THE APP AFTER SAVING NEW FCP XML

With this preference enabled the app will be reset after saving the modified XML. If this preference is disabled the data is not automatically cleared, requiring the user to press cancel. Not resetting the data allows a user to open the saved XML in Final Cut Pro make any needed corrections in the CSV and drop the CSV back on Shot Notes X without having to reimport the original XML. Not clearing the app before the next import will trigger a re-compare of the data and will result in incorrect matches. Should this be the case press cancel and re-import the files.

OPEN SHOT LOG AFTER SAVING IT

After exporting the Shot Log or Template Shot Log it will be automatically opened in a spreadsheet application if one is available to open it.

SKIP THE FIRST COLUMN IN THE CSV FILE

Some third party logging apps may include the production name as the first column. If you are using a CSV file from one of these apps, enabling this preference will skip the first column.

CSV COLUMN DELIMITER

Some countries use a comma as the delimiter for CSV files, and others use a semicolon. This preference allows users to set which delimiter to use. This affects the export of blank Shot Logs Templates, and the

import of CSV files. The preference is set automatically using the systems language settings, but can be changed by the user.

CREATE EVENTS FOR EACH SCENE

When selected this preference will create an Event for each scene and move the clips with that scene into that Event. This process is performed after adding all the Shot Log metadata to the clips. Currently only supports clips, and sync clips, Multicam and Compound clips will remain in the Shot Notes X Event.

RESET PREFERENCES

Pressing this will reset the preferences to the factory defaults.

SUPPORT

For any issues please email support@koptostudios.com. Attaching the CSV, and FCPXML files to the email will help us diagnosis your issue quickly.

ACKNOWLEDGEMENTS

I would like to thank the following people for their help and encouragement building Shot Notes.

Sam Mestman, for encouraging me to take my simple editorial automation and make it an App. Thank you for getting the word about Shot Notes.

T. Payton, thank you for your endless testing of Shot Notes, bug finding, and ideas to improve it.

ABOUT KOPTO

Founded in 2014, Kopto is a small team of filmmakers and software engineers dedicated to providing workflow solutions for Final Cut Pro.

WWW.KOPTOSTUDIOS.COM

ABOUT FCPWORKS

As a professional solutions provider, FCPWORKS approaches the post-production market focusing exclusively on Final Cut Pro X-based systems. In a crowded and complex post-production landscape, the company's simple focus enables FCPWORKS to concentrate on tuning turnkey systems to the highest levels of performance and reliability. FCPWORKS integrates and supports desktop solutions with third party products from AJA, BlackMagic, Softron, and Quantum and more.

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