

# What's New for Avid® Media Composer® | Software v8.2

## Revision History

Date	Description
10/17/2014	Updated <a href="#">Support for DPX Files with DMF</a> .
10/14/2014	Updated the Background Render description to update the note on skipping effects.
10/09/2014	Updated the Background Render description to add that the Background Render displays as one job in the Background Queue and that a txt file has been added to list effects that might not render.

## New Features

The following table describes What's New for the current editor release.

Feature	Description	For More Info
Background Render	The editing application supports rendering effects in the background while you continue to work in Media Composer.	See <a href="#">“Performing a Background Render” on page 2</a> .
Favorite Bins	This release allows you to add Favorite Bins to the Project Window.	See <a href="#">“Favorite Bins” on page 4</a> .
Select Project Window Improvement	The Select Project Window displays both longer project names and project information such as project type, color space, and raster information.	See <a href="#">“Select Project Window Improvements” on page 7</a> .
Quick filter field in project window	A quick filter text box has been added to allow you to quickly filter out bins in the Project window.	See <a href="#">“Quick Filter in the Project Window” on page 10</a> .

Feature	Description	For More Info
Search for Markers	You can search for text within the Marker Comment field across all sequences and master clips within the project, including opened or closed bins.	See <a href="#">“Searching for Marker Comment Text”</a> on page 7.
Image Cache for thumbnails	With this release, the memory cache for thumbnail images has been increased. Additionally thumbnails can now be cached on disk. The disk caching helps speed up the thumbnail display after relaunching the application.	See <a href="#">“Image Cache Setting”</a> on page 9.
Warning for Frame Rate Changes	The editing application warns you when you change the project rate.	See <a href="#">“Warning When Changing the Project Rate”</a> on page 11.
Application Manager Updates	The Application Manager has been updated.	See <a href="#">“Application Manager Updates”</a> on page 11.
DMF folder support for DPX files	DPX files can be copied to a DMF folder.	See <a href="#">“Support for DPX Files with DMF”</a> on page 12.

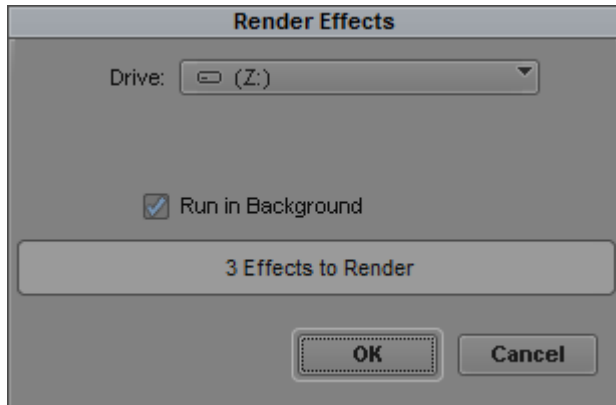
## Performing a Background Render

This release supports rendering effects in the background while you continue to work in Media Composer. Once a job is submitted into the background, you can continue to work and check the render progress in the Background Queue window. Once the job is completed, the sequence will link to the new pre-computes and the effect icons will reflect the rendered state.

### To render effects in the background:

1. Enable render for the effect or effects in the Timeline.

The Render Effects dialog opens.

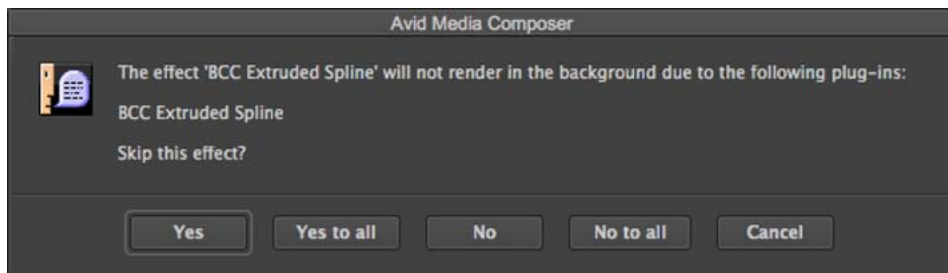


2. Select Run in Background.
3. Click OK.

The render operation is performed in the background. You can continue working in the editing application without having to wait for the background operation to complete. When the background render is complete, the sequence will link to the new pre-composites and the effect icons in the Timeline will reflect the rendered state.



**A BGRenderEffectFilter.txt file has been added to the editing application. This file identifies effects that are known to fail rendering in the background. This file is in the (Windows) Program Files\Avid\AvidMedia Composer\SupportingFiles\Config or (Macintosh) MacBootDrive/Applications/Avid Media Composer/SupportingFiles/Config folder. If an effect on the list is included in the sequence you are trying to render in the background, a dialog will ask you if you want to skip the effect(s) that will fail render. If you choose Yes, or Yes to all, the background render will take place, but you will need to perform a foreground render on the effects that were skipped. If you choose No or No to all, a background render will take place, but could fail or cause unexpected side-effects due to the offending effects.**





*If you are working on a sequence where a background render is in progress and you change an effect, the media generated will not be valid. You will need to initiate an additional Background Render job.*

4. (Optional) Select Tools > Background Queue or click the Show Background Queue button on the Timeline to open the Background Queue window to monitor the progress of the background render. All background renders appear in the Background Queue as a single job.

With Background Render, a new directory is created where the background media is located. The location for MXF and OMF media:

- Local Storage
  - drive:AvidMediaFiles/MXF/\_\_bg.1
  - drive:OMFIMediaFiles/\_\_bg.1
- Shared Storage
  - (workspace):AvidMediaFiles/MXF/computername\_\_bg.1
  - (workspace):OMFIMediaFiles/computername\_\_bg.1

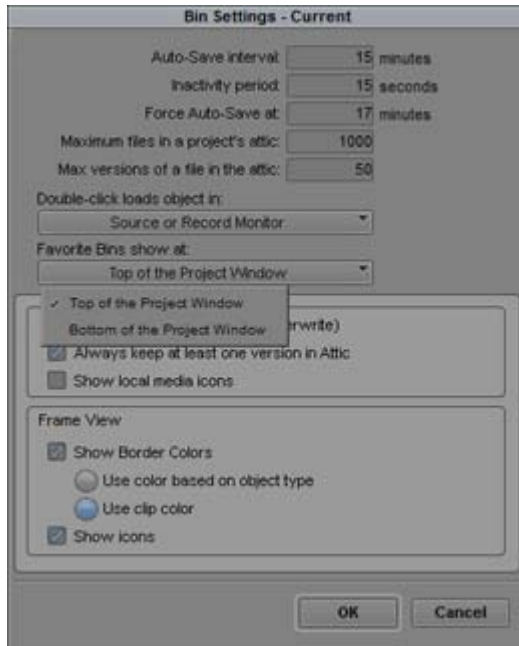
## Favorite Bins

A Favorite Bin is a bin that you can easily access regardless of what project you are in. A Favorite Bin can hold any items that a regular bin can hold, such as clips, sequences, effects templates, and titles. You might want to create a Favorite Bin to hold often used music, transitions, and templates. A Favorite Bin can reside on local or shared storage. You can create multiple Favorite Bins. The list of Favorite Bins is stored in the current user setting. You can choose to have the Favorite Bins folder appear at the top or the bottom of the Project Window.

### **To create a Favorite Bin:**

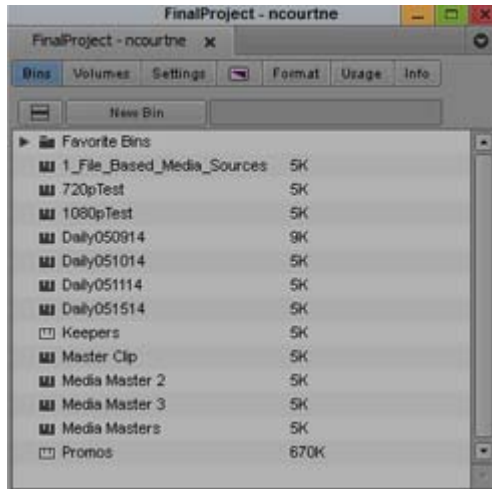
1. Click the Settings tab in the Project Window.
2. Double-click the Bin Settings.

The Bin Settings window opens.



3. Select the “Favorite Bins show at” option, and choose either Top of the Project Window or Bottom of the Project Window.
4. Open the bin you want to make a Favorite Bin.
5. Do one of the following:
  - ▶ Select Bin > Add Bin to Favorites.
  - ▶ Click the Bin Fast Menu and select Add Bin to Favorites.
  - ▶ Right click in a bin and select Add Bin to Favorites.

The bin appears in the Project Window in the Favorite Bins folder. If the same user opens another Project, the Favorite Bin appears in the Favorites Bins folder.



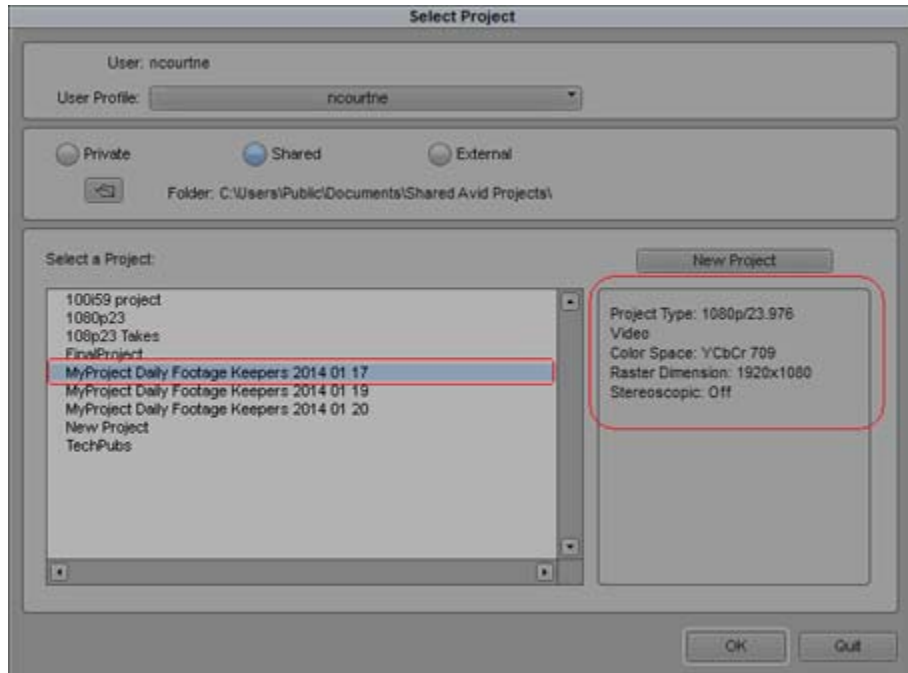
The list of Favorite Bins is stored in the Bin User settings. If you want multiple users to see the same list of Favorite Bins, you can drag the Bin Setting to the Site Settings dialog. Any newly created User setting would then automatically see the Favorite Bins. For pre-existing User settings you can drag the Bin setting from the Site Settings dialog into the Project Window's Setting tab, then make it the active Bin setting by placing the checkmark to the left of the copied Bin setting. Avid recommends you name the Bin Setting before placing it in the Site Settings. For details on using Site Settings, see "Using Site Settings" in the Help.

**To delete a bin from the Favorite Bin Folder:**

1. Open the Favorite Bin Folder in the Project window.
2. Select the bin you want to delete from the Favorite Bin folder.
3. Click the Delete key.

## Select Project Window Improvements

The Select Project Window has been expanded to allow for longer project names. Additionally, when you click to select a project, a project summary for that project will appear in the Select Project Window.



Wider pane for project name (left) and project info for selected project (right).

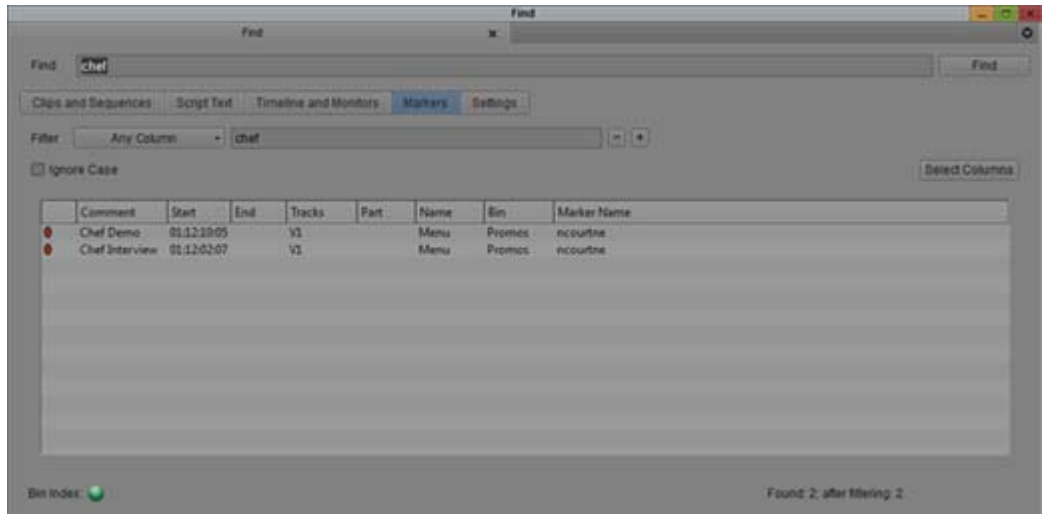
## Searching for Marker Comment Text

You can search for text within the Marker Comment field across all sequences and master clips within the project, including opened or closed bins.

### To search for Text within Markers:

1. Press Ctrl+F (Windows) or Cmd+F (Macintosh), or select Edit > Find.

The Find window opens.



2. Click the Markers tab.
3. Type a word or phrase that you want to use as search criteria in the Find text box.
4. (Option) To refine the number of results, you can enter additional criteria in the filters. Select a specific column from the Filter menu that you would like to search in, then enter additional text relating to that column. The column you are searching on does not have to display in the bin.
5. (Option) Click the “+” button to add additional filters. Click the “-” button to remove filters.
6. (Option) Select Ignore Case if you want the system to search for the text regardless if it is upper or lower case characters.
7. Click Find or press Enter (Windows) or Return (Macintosh).

The application searches the bins (open or closed) in the project. Any markers containing the word or phrase entered appear in the Results window.



*To change the columns displayed in the Results window, click Select Columns and select the columns to display.*

8. Double-click a Marker in the results window to load the respective master clip or sequence into the source monitor and position the blue bar at the selected Marker.



# Image Cache Setting

With this release, Media Composer now allows you to establish how much memory can be utilized for caching thumbnails in memory as well as disk. Caching images in memory allows thumbnails to quickly be recalled as you load or scroll in bins or sequences. Saving them to the disk cache allows them to be recalled after relaunching the application and can avoid the need for the application to have to create them again.

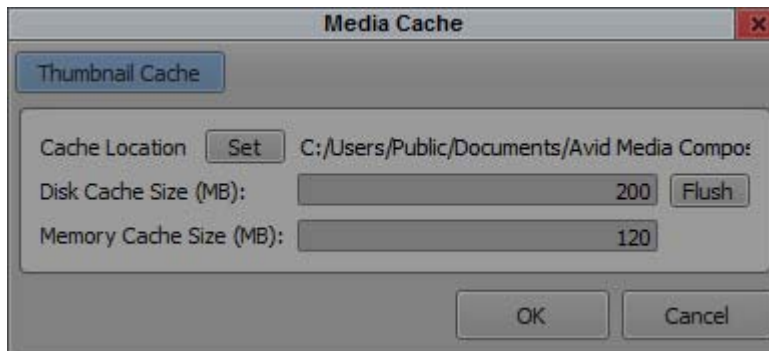
## Setting the Media Cache

To specify the size of the Disk cache and Memory cache perform the following.

### To set the Media Cache:

1. In the Settings list in the Project window, select Media Cache.

The Media Cache dialog box opens.

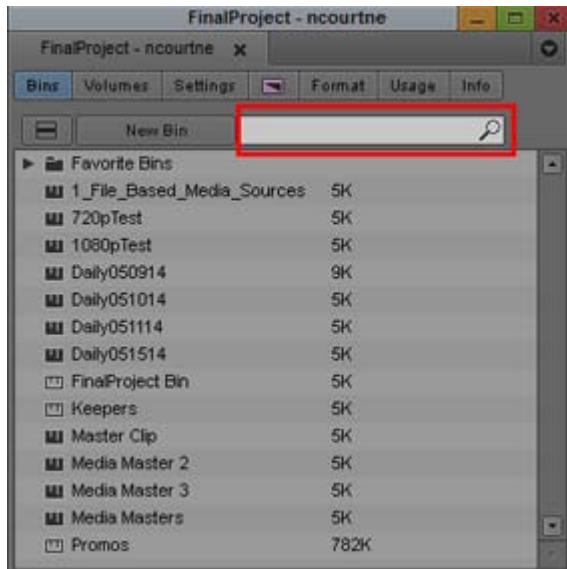


2. If you want to change the default location of the Cache folder, click the Set button and choose the location for the Cache folder.
3. Enter a value for the Disk Cache Size and Memory Cache Size.
4. Click OK.

Note: You can clear the cache from the cache folder by clicking the Flush button in the Media Cache dialog.

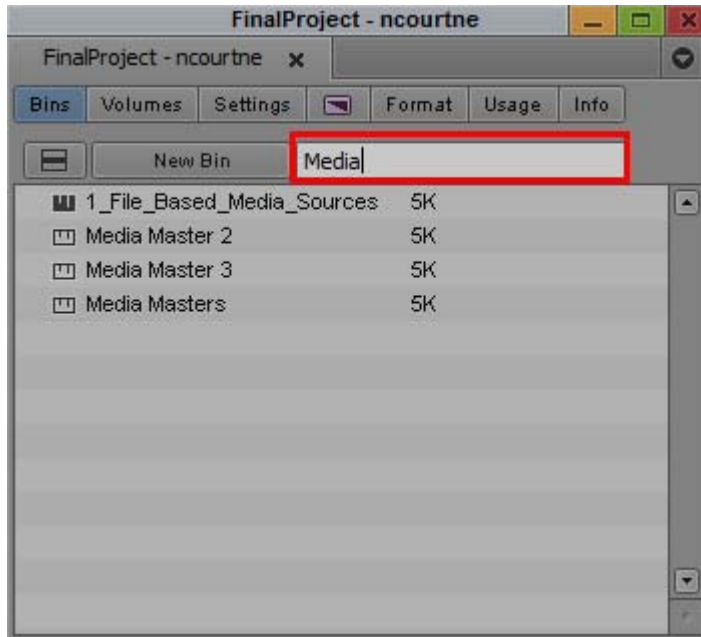
## Quick Filter in the Project Window

A quick filter text box has been added to the Project window. This allows you to quickly filter out bins in the Project window leaving only those bins in a flattened view that match the filter criteria. This is helpful when you have a large number of bins in a project and want to quickly filter for specific bins.



### To filter bins in the Project Window:

1. Open the Project Window and click the Bins tab.
2. Enter text in the filter text box.



The search will display only those bins that match the search criteria.

## Warning When Changing the Project Rate

In previous releases, you did not receive a warning message when changing the project rate. With this release of the editing application, if you change the project rate you will receive a warning message. For example if you change a project from 50i to 25p, you will receive the following message: WARNING: Effective image update rate changing from 50 fps to 25 fps. This message is informational. Click OK to continue.

## Application Manager Updates

The Application Manager has been updated with the following changes:

- If you use a Floating License, you can choose a backup server to access in the event the original server is not accessible. See the [Installation Guide for Avid Editing Applications](#).
- Feeds are now listed in chronological order. Newer feeds appear at the top of the feeds list.
- You can choose which notifications to receive. You can get notifications of updates, notifications of feeds containing Avid or third-party news, or you can choose to receive both. See "Application Manager" in the Help.

## Support for DPX Files with DMF

With this release, DPX files are now supported with Dynamic Media Folders. The AIS (Avid Image Sequencer) Settings have been added to the DMF Profile editor and allow users to specify Reel and timecode extraction as well as establish starting frame count and FPS. See “Creating a Dynamic Media Folder” in the Help.

When you are working with DPX files and DMF, drop the folder containing the .dpx files into the DMF watch folder rather than individual .dpx files. This will allow each group of consecutive dpx files in that folder to be managed as individual master clips.

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