



## Tips for a Quick Start

(version for Windows)





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#### www.fastrawviewer.com



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#### How to Customize FastRawViewer

#### **Preferences**

Menu -> File -> Preferences

#### **Keyboard Shortcut Editor**

Menu -> File -> Keyboard Shortcuts

#### A Gear Icon at the Top of Panels or Bars

### × € ŵ

#### **User Manual**

- comes with the installation of FastRawViewer
- Menu -> Help -> Online manual
- http://www.fastrawviewer.com/usermanual (can be downloaded in .pdf format as well)

#### **Quick Start Tips**

- Menu -> Help -> Usage tips
- http://www.fastrawviewer.com/tips-and-videos (to download in .pdf format)

#### **Customer Support**

support@fastrawviewer.com



#### **Tuning Preferences (#1)**

Preferences allow to set useful features, including tailoring to your needs the modes that facilitate file browsing, image inspection, further raw processing, image presentation, etc. For example, to enable certain *Focus Peaking* modes, look into Preferences.

Spending some time on Preferences will help you understand FastRawViewer better and use it more efficiently:

•	Press Ctrl+P	or Menu ->	File -> Preferences
<b>R</b>	astRawViewer		a Managara managara
File	View Adjust Select/Batch	Panels XMP Metadata	Help
	Open	Ctrl+O	
	First file in folder	Ctrl+Shift+Left	
	Prev File	Ctrl+Left	
	Next File	Ctrl+Right	
	Last file in folder	Ctrl+Shift+Right	
	Recent Files	•	
	Open Folder	Ctrl+Shift+O	
	Recent Folders	+	
	Preferences	Ctrl+P	
	Keyboard Shortcuts	Ctrl+K	
	Customize bottom bar		



#### **Tuning Preferences (#2)**

If you feel that some feature is missing or inconvenient, or you don't know how to set it, please check the Preferences menu and adjust as necessary, and if it is not there, please email us or visit our forum.

FastRawViewer Preferences		ĸ
File Handling         L+ Copy/Move/Reject         L+ Removable media         L+ RAW+JPEG         XMP         Interface         L+ Zoom         L+ Grid/Filmstrip         Image Display         L+ Exposure         L+ White Balance         Color Management         GPU Processing         External Editors         Performance         Other	<ul> <li>Enable Grid mode</li> <li>Start in Grid mode</li> <li>Remember Grid/Single file state on exit</li> <li>Browse folders in Grid mode</li> <li>Hide panels floating within main window in Grid mode</li> <li>Hide docked Filmstrip in Grid mode If Docked at bottom </li> <li>RAW processing in Grid mode Partial</li> <li>Grid View font size</li> <li>Auto</li> <li>Filmstrip panel font size</li> <li>Auto</li> <li>Single file mode</li> <li>Center edge filmstrip items</li> </ul>	
Restore Defaults	OK Cancel	



#### Examining Keyboard/Mouse Controls (#1)

FastRawViewer is designed to be controlled mostly with keyboard and mouse, without much reaching for menus.

You can examine the default/current key/mouse control combinations and change them to your preferred ones anytime:

• Press

Ctrl+K

or

#### Menu -> File -> Keyboard Shortcuts

FastRawViewer	tener the 10 ten Minter the	
ile View Adjust Select/Batch	Panels XMP Metadata Help	_
Open	Ctrl+O	
First file in folder	Ctrl+Shift+Left	
Prev File	Ctrl+Left	
Next File	Ctrl+Right	
Last file in folder	Ctrl+Shift+Right	
Recent Files	•	
Open Folder	Ctrl+Shift+O	
Recent Folders		
Preferences	Ctrl+P	_
Keyboard Shortcuts	Ctrl+K	
Customize bottom bar		



#### Examining Keyboard/Mouse Controls (#2)

We suggest that you spend some time familiarizing yourself with the shortcuts with the help of the **Keyboard Shortcuts Menu**, **tips**, and **FastRawViewer Manual**; it is not just an overview of the program (*that is, showing what can be done in FastRawViewer*), but will also help you to do more things in less time.

🔖 Keyboard Shortcuts editor		
File Handling File Copy/Move	Open file	[+] Ctrl+O [x]
Zoom-Pan-Rotate Image Display	Open first file in folder	[+] Ctrl+Shift+Left [x] Ctrl+Shift+Num+Left [x]
Image Adjustments Information Panels	Open previous file	[+]     Ctrl+Left     [x]     Backspace     [x]     BClick     [x]
XMP Rating XMP Labels	Open next file (in current folder) Open last file in folder	[+]         Ctrl+Right         [x]         Space         [x]         FClick         [x]           [+]         Ctrl+Shift+Right         [x]         Ctrl+Shift+Num+Right         [x]
External editors File Selection for batch Batch rotation	Open folder	[+] Ctrl+Shift+O [x]
Batch rating Batch label	Close current file	
Batch copy/move Batch external edit	Filter Files by rating/label Move current file to _Rejected subfolde	[+] Shift+F [x] er [+] Ctrl+Shift+Del [x]
General Functions		
Restore Defaults		OK Save Load Cancel



#### **Changing Keyboard/Mouse Controls**

Many features are already pre-programmed and assigned to shortcuts. Nevertheless you can change the shortcuts so that they will be similar to the ones you use with other graphic programs.

Keyboard Shortcuts editor		Charles / /	
File Handling			
File Copy/Move	Show/Hide Histogram	[+] H [X]	
Zoom-Pan-Rotate	Show/Hide EXIF	[+] E [x]	
Image Display	Showfinde Erdi		
Image Adjustments	Show/Hide OE/UE Stats	[+] S [x]	
Information Panels			
XMP Rating	Show/Hide XMP Metadata panel	[+] X [X]	
XMP Labels	Show/Hide Filmstrip panel	[+] F6 [X]	
External editors			
File Selection for batch Batch rotation	Show/Hide Folders panel	[+] F7 [X]	
Batch rating	Show/Hide Favorite Folders sub panel	[+] Shift+F7 [x]	
Batch label			
Batch copy/move	Hide all panels	[+] Tab [x]	Press here
Batch external edit	Reset panels positions	[+] Alt+F10 [x]	to delete
General Functions	Press here to add		the Shortcut
	a Shortcut Combination		Combination
Restore Defaults	Press here to change	OK Save	Load Cancel
	a Shortcut Combination		

If you feel that some feature or shortcut is missing or inconvenient, please check the **Keyboard Shortcuts Editor** and adjust as necessary, and if it is not there, please let us know.



#### Changing Background, Panels Color Scheme and Font Size

#### Menu -> File -> Preferences -> Interface

The background or panel color scheme can be changed to any shade of grey, from black to white. Also, the bottom bar or panel's font size can be changed.



#### **Tuning Settings for Grid View and Filmstrip Panel**

Menu -> File -> Preferences -> Grid/Filmsrtip

File Handling L+ Copy/Move/Reject L+ Removable media L+ RAW+JPEG XMP Interface L+ Zoom L+ Grid/Filmstrip Image Display L+ Exposure L+ White Balance Color Management GPU Processing	<ul> <li>Enable Grid mode</li> <li>Start in Grid mode</li> <li>Remember Grid/Single file state on exit</li> <li>Browse folders in Grid mode</li> <li>Hide panels floating within main window in Grid mode</li> <li>Hide docked Filmstrip in Grid mode</li> <li>If Docked at bottom </li> <li>RAW processing in Grid mode</li> <li>Grid View font size</li> </ul>
External Editors Performance Other	Filmstrip panel font size     Auto       Pause thumbnail decoding while RAW being processed     Single file mode       Image: Center edge filmstrip items

Switching between Grid View and Single Image View Modes

• Menu -> View -> Switch to single image/Switch to Grid view

<u>or</u>	G



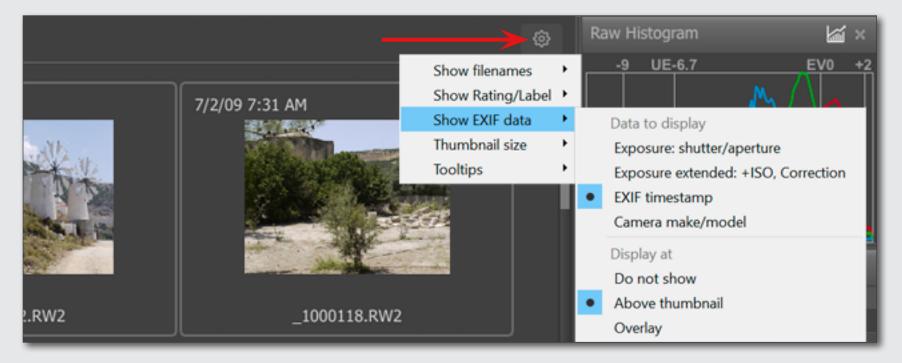
#### **Control Panel Display in Grid View Mode**

To switch display of the Histogram and the Exposure Statistics for the selected image in Grid mode "on" and "off" press *a graph icon* at the Raw Histogram Panel.

#### **Choosing EXIF Data to be Displayed**

EXIF data is now displayed in Grid Mode without any additional user actions.

EXIF data can now be displayed right in the Grid/Filmstrip above the thumbnail or below the thumbnail. The settings for EXIF data display are accessible through the *"gear icon"* separately for the Grid and Filmstrip modes.





#### **Arranging Panels**

- 1. All panels can be placed anywhere on the screen or even other monitor *just drag-and-drop it where you want it to be.*
- 2. If the Filmstrip panel is outside the program window, it can be easily organized into a light-table.
- 3. The filmstrip can be docked at the top, bottom, or left side of the main window. All other panels at the right or left side. You can dock a panel to the most recent docking position by pressing *an arrow icon*.

#### **Panels and Filmstrip Settings Customization**

A little gear icon at the top right corner of a panel (or the top left corner of the filmstrip placed at the bottom) allows customization of the panel or bar.

#### **Toggle Panel Display**

- 1. Every panel can be toggled open and closed through:
  - Menu -> Panels or a keyboard shortcut (default or assigned)

To change panels keyboard shortcuts, please look at:

Menu -> File -> Keyboard Shortcuts -> Information Panels

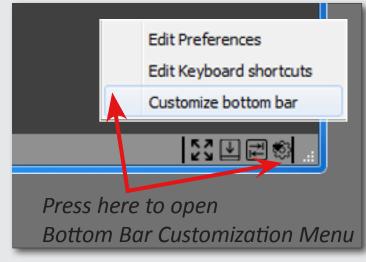
2. The Tab key toggles <u>all presented on the screen</u> panels *hide* and *unhide* together.



Set bottom bar items visibility

#### **Bottom Bar Customization**

- 1. Open Bottom Bar Customization Dialog
- Through the *gear icon* at the lower right corner • of the **Bottom Bar**:



or through

- Menu -> File -> Customize bottom bar
- or through
- Menu -> File -> Preferences -> Interface

press the button — Edit bottom bar items

2. At the Bottom Bar Customization Dialog choose Bottom Bar options to be displayed (see the image to the right).

ottom bar item	always	Visibilit if fits	y hide
en File button	۲	0	0
e navigation buttons	۲	$\odot$	$\odot$
rrent folder	$\odot$	$\odot$	۲
urrent filename	0	۲	$\odot$
rrent image size	0	0	۲
IF summary	0	۲	$\odot$
om ratio and zoom buttons	0	$\odot$	۲
e load/processing time	O	$\bigcirc$	۲
AW/JPEG switch buttons	۲	0	0
G-B-BW channel selector	0	0	۲
cus peaking, Shadow boost, ghlights inspection, USM	۲	0	O
posure control buttons	۲	0	0
ver/Underexposure buttons	۲	$\bigcirc$	$\odot$
hite balance presets	۲	$\odot$	0
hite balance manual tune	0	۲	$\odot$
ontrast display and adjustment	O	۲	$\odot$
station control buttons	0	۲	0
IP Rating buttons	0	0	۲
IP Label indicator	0	$\odot$	۲
IP Label buttons	0	$\odot$	۲
Ilscreen, hide/show filmstrip/doc d customize buttons	<sup>k,</sup>	0	$\odot$
t fields (Filename,EXIF) width: 🛛	Auto		
Defaults	6	OK	Ce

x



#### **Color Management**

#### Menu -> File -> Preferences -> Color Management

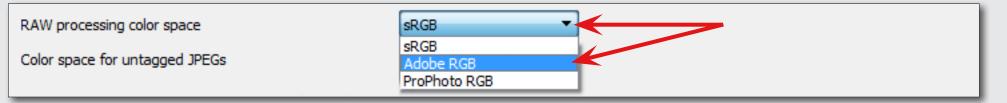
#### If you use Custom monitor profile

Do not override if the system color profile is already the one you want to use; in this case "Use color profile of display" is enough.

Use color profile of display upon which FastRawViewer launches				
(Profile description: sRGB IEC61966-2.1)				
Override display color profile:	path to ICC/ICM profile			

#### If you use a Wide Gamut monitor

Try to use **Adobe RGB** as the selected color space ("RAW processing color space" field)



#### If your Custom monitor profile is accurate

You may benefit from selecting **ProPhoto RGB** ("RAW processing color space" field)

#### If you use a generic monitor with a canned profile

The image may look better with color management **off** 

(leave the box "Enable Color Management" at the top of Color Management Menu unchecked)

Enable Color Management



#### Getting familiar with the FRV Tools and Features: EXIF View

<ul> <li>1. At the top right corner of the</li> <li>I at the top right corner of top right corner of top right corner o</li></ul>
(see the image to the right).



#### Getting familiar with the FRV Tools and Features: Working with Removable Media

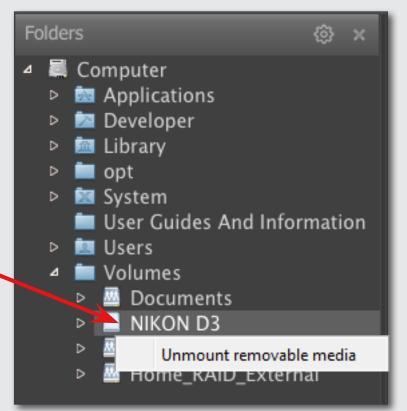
#### Access Files and Folders Using Folders Panel

Folders and files can be accessed through a folder tree.

#### Working with a Memory Card

- 1. When you mount removable media in your system, it will immediately appear in the folder tree.
- 2. If you don't need it anymore, you can eject it directly through the Folder panel (*right click on removable media folder name and choose "Unmount removable media*).
- 3. You can have the most recently created subfolder on the removable media be opened in the DCIM folder:

#### Menu -> File -> Preferences -> Removable media



RestRawViewer Preferences	
File Handling L+ Copy/Move/Reject	Removable and Network Media Handling
L+ Removable media	On Removable Media arrive Open most recent subfolder in 🔻
L+ RAW+ JPEG XMP	Folder Open folder
Interface	☑ Warn before automatically open rolder on removable media
L+ Zoom L+ Grid/Filmstrip Image Display L+ Exposure	<ul> <li>Disable A: and B: floppy access (restart program to take effect)</li> <li>Show unmounted network volumes in Folders panel (on first use)</li> </ul>

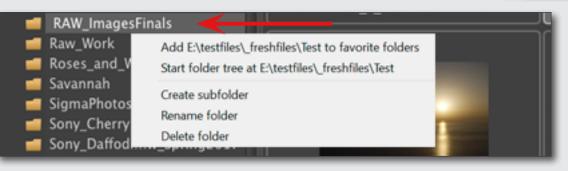


#### Getting familiar with the FRV Tools and Features: Working with Folder Tree

#### **Editing the Folder Tree**

The Folder panel settings now contain a setting to **Enable add/rename/remove folders** (access through gear icon).

Also here you can disable Drag and Drop from Grid/Filmstrip/Single View to the folder tree (enabled by default) and switch on Folder tree autoexpand on drop target selection.



#### E:\testfiles\\_freshfiles Folders 677 files freshfiles Refresh folder tree Rejected Monitor removable media changes Test toDNG Show system/special files \_q9x2 Show Drive/Folder icons $\checkmark$ aps Show unmounted volumes newcanon Shorten long folder names nk Use natural folder sort order noexif Enable add/rename/remove folders \_pina Enable file drops to folder tree 📫 test Folder tree autoexpand on drop target selection

When Enable add/rename/remove

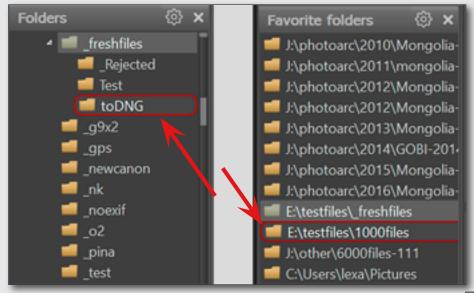
**folders** is on, you can choose the desired action in the context menu (*right-click on the folder*):

#### Drag-and-Drop Files to Folder Tree

The folder which is currently under the drop cursor is automatically highlighted in red.

You can not only drop files into the Folders panel, but also into the Favorite Folders panel.

With default settings, the dropped file is copied, not moved.





#### **Working with the Favorite Folders Panel**

This panel allows one to keep a list of often-used folders, and lets one readily access them.

#### Add a Folder to Favorite Folders

1. Right-click on the selected folder in the Folder tree and use the appearing context menu.

Favorite folders



2. Highlight the selected folder in the *Folder Tree* and press the **Gear** icon on the *Favorite Folders* panel to access the context menu.

#### **Remove a Folder from Favorite Folders**

1. *Right-click* on the selected folder in the *Favorite Folders* and use the appearing context menu.

# /Users/il/Pictures/Savanna Add current folder to favorites /Users/il/Pictures/RawDigg Clear favorites list /Users/il/Pictures/4Processing Image: Clear favorites list Favorite folders Image: Clear favorites list Image: Vulkers/il/Pictures/AProcessing Image: Clear favorites list Image: Vulkers/il/Pictures/Savannah Image: Clear favorite folders Image: Vulkers/il/Pictures/Savannah Image: Clear favorite folders Image: Vulkers/il/Pictures/AProcessing Image: Clear favorite folders Image: Vulkers/il/Pictures/AProcessing Image: Clear favorite folders

#### **Open folders**

- 2. A click on an item (folder) in this list opens the chosen folder in the Filmstrip/Thumbnails panel
- 3. A double-click opens an item in the *Filmstrip/Thumbnails* panel and loads the first file in the main window.

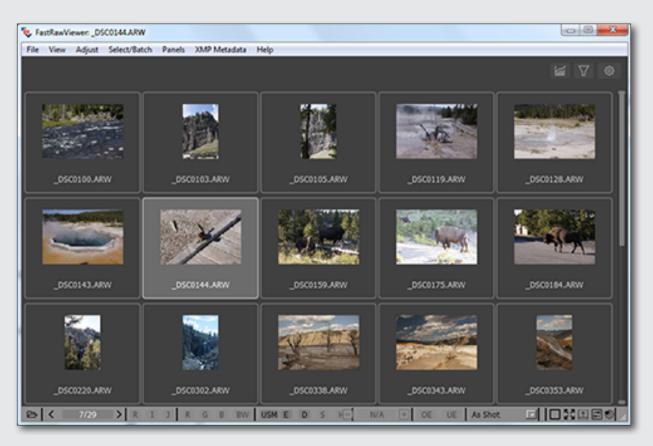
#### **Clear Favorite Folders List**

1. Press the **Gear** icon on the *Favorite Folders* panel to access the context menu.



#### **Grid View Mode**

If **FastRawViewer** is launched without indicating a filename, it will start in **Grid View** mode, displaying the thumbnail previews of all of the supported files from the selected folder *(current folder, if switched to Grid View mode from Single FileView mode)* :



#### **Switching to Single File View Mode**

• A double-click on a file in the grid <u>or</u>



Menu -> View -> Switch to single image <u>or</u>

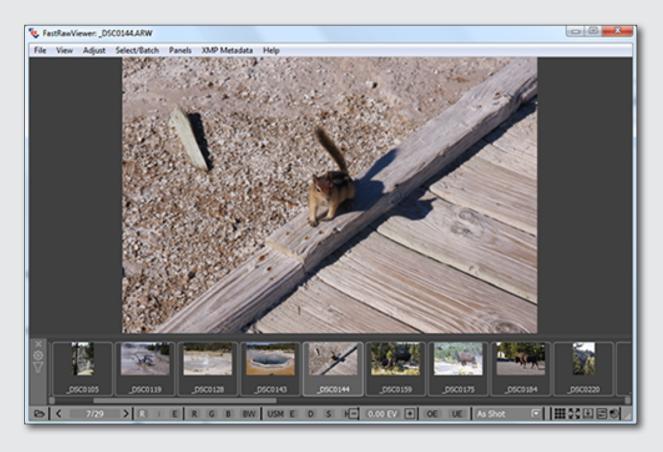
#### **Navigating files**

- <u>Keyboard</u>: arrowkeys in the main window, PgUp/PgDn,
   Home/End; customizable shortcuts for Next File/Prev.
   File and First/Last File in folder.
- <u>Mouse</u>: the wheel scrolls through the contents of the folder up and down.



#### Single File View Mode

If **FastRawViewer** is launched over a specific file (for example, by dropping a RAW file onto the program's icon, or by double-clicking a file which is associated with FastRawViewer, etc.) it will start in **Single File View** mode.



#### **Navigating files**

<u>Keyboard</u>: arrowkeys in the
 Filmstrip, customized shortcuts
 for Next File/Prev. File and
 First/Last File in folder.

• <u>Mouse</u>: the wheel scrolls through the contents of the Filmstrip left and right;

• <u>Buttons for navigating</u> <u>through the current folder:</u> previous file, number of file in the file list and the length of the list, next file;

#### **Switching to Grid View Mode**

- Menu -> View -> Close single image <u>or</u> Esc (Esc/close single image also exits full screen mode)
- Menu -> View -> Switch to single image





#### **Choose XMP Label and Rating Style**

Menu -> File -> Preferences -> XMP

XMP rating and labels		
Use XMP Reject rating (used by Adobe Bridge)		
XMP Label style Color labels (Adobe Lightroom default 🔻		
XMP Custom labels		
Select	Second	
Approved	Review	
To Do		
Write photoshop:Urgency tag with color labels (for PhaseOne C1)		
Read ratings/labels from XMP blocks embedded into RAW files		

#### Assign XMP Label and Rating to the Image

Menu -> XMP Metadata <u>or</u> corresponding keyboard shortcuts

#### **Change Keyboard Shortcuts**

- Menu -> File -> Keyboard Shortcuts -> XMP Rating
- Menu -> File -> Keyboard Shortcuts -> XMP Labels



#### Sort & Filter Panel

The panel **Sort & Filter** controls the sorting and filtration of files.

The panel's icons at the title bar are follows:

- 1. Filter files by name/mask
- 2. File Sorting
- 3. Re-reading the current folder
- 4. Panel Settings.

**Sorting**: the sorting order can be changed on the fly.

**Filtration:** chechboxes to the left of the sorting and filtering parameteres allows to define conditions , and only files that pass the filtering conditions will be displayed.

- In **XMP Rating/XMP Label** groups, you can set the desired combination of ratings and labels.
- In the **Exif Timestamp** group, you can select the necessary ranges of dates. You can edit those ranges if necessary.
- Filtring files by name/mask allows several different options to define files to be displayed.

1	234
i i	111
<b>↓</b>	* * *
Sort & Filter	11 C @ ×
<ul> <li>Files/metadata</li> </ul>	
Total files	35/677
Metadata unread	0
Selected	0
<ul> <li>XMP Rating</li> </ul>	
Not set	0/517
✓ *	22/32
✓ **	5/24
✓ ***	8/36
****	0/38
****	0/30
XMP Label	
Not set	0/392
Red	0/36
Yellow	35/72
Green	0/55
Blue	0/56
Purple	0/66
<ul> <li>EXIF timestamp</li> </ul>	
Today	≌0
📃 01 Mar - 31 Mar 1	7🗹 34/352
01 Apr - 11 Jul 08	≌0
📃 01 Apr - 10 May 0	5 🗹 <b>0</b>
🗹 10 Jan - 04 Apr 17	2 35/539
Past	☑ 0/29
No timestamp	0



#### Saving, Cancel and Restore Filters

To **Save**, **Cancel**, and **Restore** filters, use:

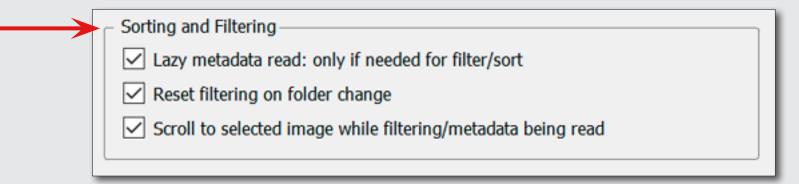
• File -> File filtering in folder or corresponding hotkeys

×,	S FastRawViewer: DSC04518.ARW							
File	View <u>A</u> dj	ist Select/Batch	Panels	XMP Metadata	Help			
	Open			Ctrl+O	ctures/Greece_2010_part1	54	5 files	
	First file in 1 Prev File Next File Last file in f	older		Ctrl+Shift+Left Ctrl+Left Ctrl+Right Ctrl+Shift+Righ	M	7/5/0	9 7:30 AM	
	Recent Files Open Folde Recent Fold Folder tree	r ers		Ctrl+Shift+O	_1000172.RW2			000173.RW2
	File filtering	in folder			Enable file filtering		v	
	Close File			Ctrl+U	Remember current file	filter	Alt+V	
		4518.ARW to 4518.ARW to			Recall saved file filter Ctrl+V Filter files by name Alt+F			
	Show in W	ndows Explorer		Ctrl+F			-	AND REAL PROPERTY.

#### File Sorting Settings

With standard settings, the metadata (*EXIF, XMP*) is read only when this data is needed – for Icon display, or when filtering is on. This accelerates the browsing. This can be changed in the preferences by switching off **File Handling - Sorting and Filtering - Lazy metadata read**.

• Menu -> File -> Preferences -> File Handling -> Sorting and Filtering





#### Getting familiar with the FRV Tools and Features: File Selection/Batch Operation

To fulfill **Batch** operations (*such as copy, move, rotate, set rating and label etc.*) with multiple files you will first have to select those files.

#### **File Selection**

To mark a file for group operations in **Grid View** or **Filmstrip** panel:

• Ctrl-Click on the file preview thumbnail;

<u>or</u>

• Set/unset a checkmark in a checkbox in the upper-right corner of the preview thumbnail (the checkbox appears for the files that are currently unmarked when you hover a mouse over its preview; the checkbox is permanently visible for those files which are already marked).



<u>or</u>

• choose the actions through:

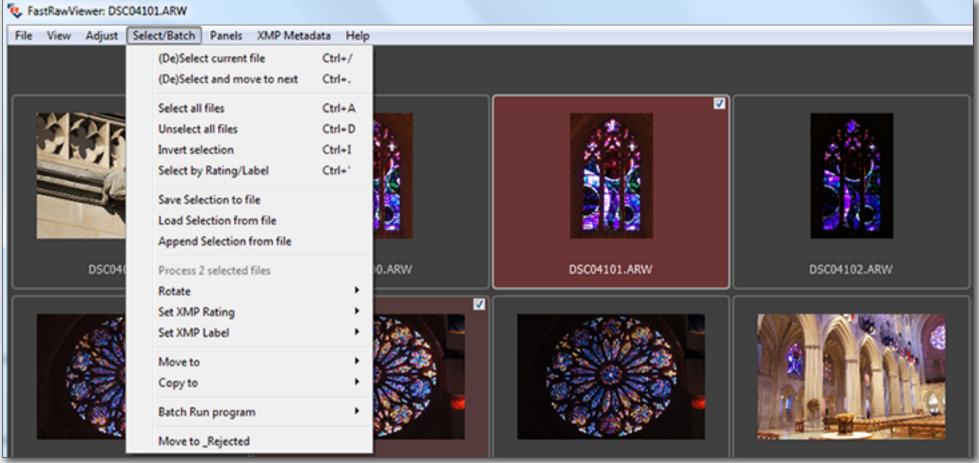
Menu -> Select/Batch



#### **Batch Operations**

Batch operations for selected files available through:

Menu -> Select/Batch <u>or</u> corresponding keyboard shortcuts



• **Context menu** (activated by right-clicking on any of the marked files)

For the sake of safety, batch operations do not have keyboard shortcuts assigned to them. You will have to assign them yourself through:

• Menu -> Keyboard Shortcut -> Batch rotation/ rating / label /copy/move / external edit



Of course the composition is a priority while sorting images. If the image you are viewing is composed well next thing you want to know is: if the technical quality of the image good enough.

FastRawViewer offers essential Image Assessing Tools:

#### FastRawViewer Image Assessing Tools

RAW Histogram
Over- and Underexposure Indication and Statistics
Focus Peaking
Screen Sharpening
Shadow Boost
Highlight Inspection
Exposure Compensation
White Balance

#### Contrast (Tone) Curve

Using these tools is super easy. They can be activated and deactivated through the **Shortcuts**, or the **Bottom Bar**, or through the **Menu**. Parameters for the tools are set through the **Preferences**.

The detailed information about these tools can be found in FastRawViewer manual. They also briefly covered in tips.



#### Matching FRV Image Display to Adobe CameraRaw/Lightroom

Defaults should be adequate, if you need to restore just these ones, here are the settings:

- 1. At the Menu -> File -> Preferences -> Image Display -> Contrast curve type choose Variable Contrast:
- 2. At the Contrast Curve drop-down menu choose "0" (standard) curve:



At the Menu -> File -> Preferences -> Exposure

- 3. "Apply Adobe hidden exposure correction" is "on" (check the proper box)
- 4. Choose *No correction* from the drop-down **Exposure correction on file open**

File Handling Lr Copy/Move/Reject Lr Removable media	Apply Adobe hidden exposure correction   3     Set hidden exposure correction to   0.75 EV
L RAW+JPEG XMP	Exposure correction on file open No correction  4
Interface Lr Zoom Lr Grid/Filmstrip	◎ Fixed exposure shift 0.00 EV ↓
Image Display	<ul> <li>ETTR-style autoexposure (shift histogram to the right)</li> <li>Saturate up to 1.0 % pixels</li> </ul>



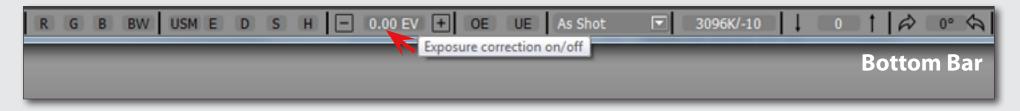
•

#### Matching FRV Image Display to RAW Converter

If the image display in FastRawviewer does not match the display in Adobe ACR/Lr or other converter (*brightness is different, color is off, etc.*), please check the following:

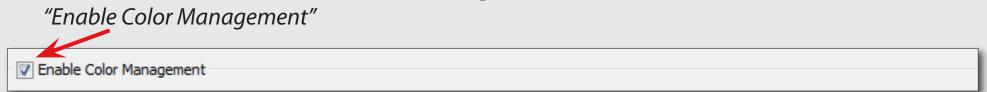
#### **Disable Auto Exposure Correction**

Press A <u>or</u> Toggle Exposure Correction button at the **Bottom Bar** 



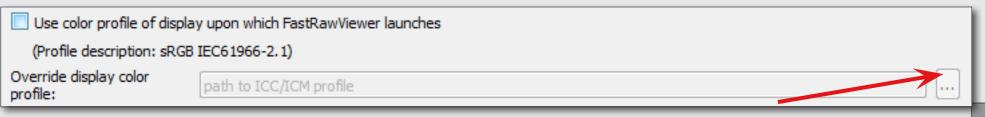
#### **Enable Color Management**

• **Menu** -> **File** -> **Preferences** -> **Color Management** -> *check the box* 



#### **Choose correct Montor Profile**

If colors still look off, please check at the same **Color Management** menu that you've chosen the correct Monitor Profile





#### **Checking for Over- and Underexposure**

#### **Toggling Over- and Underexposure Indication**

- ) <u>or</u> Menu -> View -> Overexposure Display
- **<u>or</u>** Menu -> View -> Underexposure Display





To display **Overexposure Statistics** before and after applying exposure compensation, choose **Always display OE + Corr column** in Exposure Stat panel settings (*gear icon*).



#### **Over- and Underexposure Display Settings**

To choose proper settings for Over- and Underexposure overlays use:

• Menu -> File -> Preferences -> Exposure -> Over/Underexposure Display

>	Over/Underexposure display		
	Exposure adjustments affect OverExposure display		
	Under/Overexposure layer opacity 1.00		
	Use camera linearity limit to detect clipping		
	Fixed underexposure detection limit 13.0 EV 🖨 below saturation		
	✓ ISO-based underexposure limit 10.0 EV		
	7.5 EV 🗣 @ISO1600		
	3.0 EV 🕏 @high ISO		



#### **Focus Peaking**

The Focus Peaking filter allows to assess the sharpness of the image and locate the areas where the **sharp edges** (*E*) and/or **fine details** (*D*) exist.

#### **To Control Focus Peaking Options**

Menu -> File -> Preferences -> GPU Processing -> Focus Peaking Mode

_ Focus Peaking mode		
High contrast edges	Edges display color	Green
Fine details	Details display color	Red
Both filters		
Focus Peaking layer opacity	0.70	
L		

#### **Circle Focus Peaking (Edges/Details/Both/Off)**





While being processed in a RAW converter, RAW images generally have had some sort of sharpening algorithm applied to them. In FastRawViewer, the sharpening is applied only for display.

#### **Screen Sharpening**

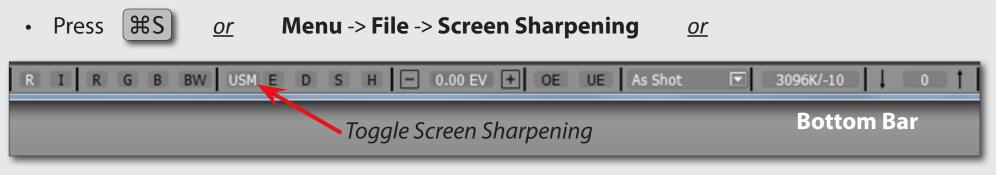
#### **Setting the Level of Sharpening**

You can switch between two levels of sharpening:

• Menu -> File -> Preferences -> Image Display -> Screen Sharpening

1	On-screen sharpening				
		Mode:	Radius	Amount	
	Preset 1:	Button/Shortcut 🔻	1.00 px 🚔	100 % 🤤	
	Preset 2:	Enabled	2.00 px 🖨	100 % ≑	
		Sharpen RAW files	only		

#### **Toggle Screen Sharpening**





For ETTR practitioners or those who need to explore the shadows of an image, we have a tool ready for you - Shadow Boost; it lifts the shadows without clipping the highlights.

All you need to do is set the Shadow Boost amount, and apply it using Shift+S. This will allow you to see the level of noise in the shadows and to check if they are preserving details and colors well.



#### **To Set the Amount of Shadow Boost**

Menu -> File -> Preferences -> Image Display -> Boost Shadows amount

Boost shadows amount	0.30 🚔
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#### **Toggle Shadow Boost on/off**





#### Assessing the Image: Highlights

**Highlight Inspection** mode does the "opposite" of the **Shadow Boost** mode: the brightness of the shadows and midtones is decreased, thus the image looks darker; the contrast in the highlights is increased; white balance can be "canceled" by setting it to UniWB. As result it allows to evaluate details in highlights and inspect which channels are clipped (if any) and where.

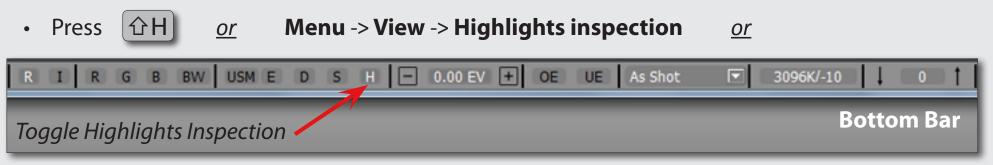
**Highlights Inspection** 

#### **Choose Settings for Highlights Inspection**

Menu -> File -> Preferences -> Image Display -> Highlights Inspection

Highlights inspection				
Highlights inspection gamma decrease	0.40 🚔			
Decrease exposure by	0.5 EV 🚔			
Apply UniWB white balance				

#### **Toggle Highlights Inspection on/off**





#### **Assessing the Image: Exposure Correction**

You can save a lot of time spent on adjusting images in Lr/ACR, Capture One, or RPP, if you select and apply adjustments to **Exposure**, **White Balance**, and **Orientation** right in **FastRawViewer**, while browsing and save the applied settings in sidecar XMP and/or RPPS files. Raw converter program will be picking up those sidecar files prepared in **FastRawViewer** as the starting point for conversions.

This technique works well in combination with **Propagation** (see the tip "Time-saver: Propagation")

#### **Controlling Exposure Correction (#1)**

#### Switch Auto Exposure Correction "on"

- Press (Shift+A) <u>or</u> Menu ->
  - Menu -> Adjust -> Auto Exposure Correction

#### **Choosing the Step Size for Exposure Correction**

• Menu -> File -> Preferences -> Image Display -> Manual exposure step size drop down





#### **Controlling Exposure Correction (#2)**

#### Switch Auto Exposure Correction on/off

Press A <u>or</u> Menu -> Adjust -> Exposure Correction <u>or</u>

Press the field Exposure Correction Value at the Status Bar

#### **Increase/Decrease Exposure Correction**

Press Alt+"+" / Alt+"-" <u>or</u>
Click + / - at the lower Bottom Bar





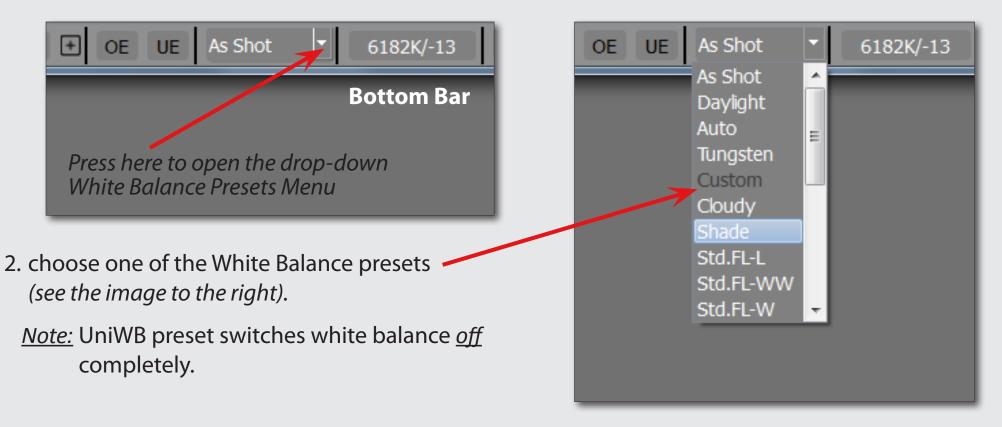
#### **Quick Way: White Balance Presets**

Cycle between Auto/As Shot/Daylight/Custom White Balance Presets

Press W <u>or</u> Menu -> Adjust -> Toggle White Balance

#### **More White Balance Presets**

1. At the Bottom Bar:





#### **Sampling Grey Point**

#### **Choosing the Sampler Size**

• Menu -> File -> Preferences -> White Balance -> White Balance Sampler Size drop down

FastRawViewer Preferences		×
File Handling L+ Copy/Move/Reject L+ Removable media L+ RAW+JPEG XMP Interface L+ Zoom L+ Grid/Filmstrip Image Display L+ Exposure L+ White Balance Color Management GPU Processing External Editors Performance Other	White Balance Sampler size: White Balance for next file (same camera) White Balance for next file (another camera) White Balance display mode White Balance edit mode Mhite Balance edit mode Read White Balance for next file (solution) Read White Balance presets from RAW (if	

#### **Setting the Grey Point**

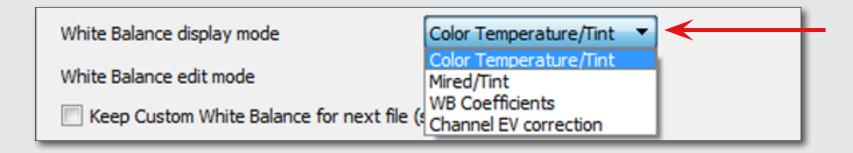
Click on Alt+ LeftClick

on the image on something you designate as neutral.

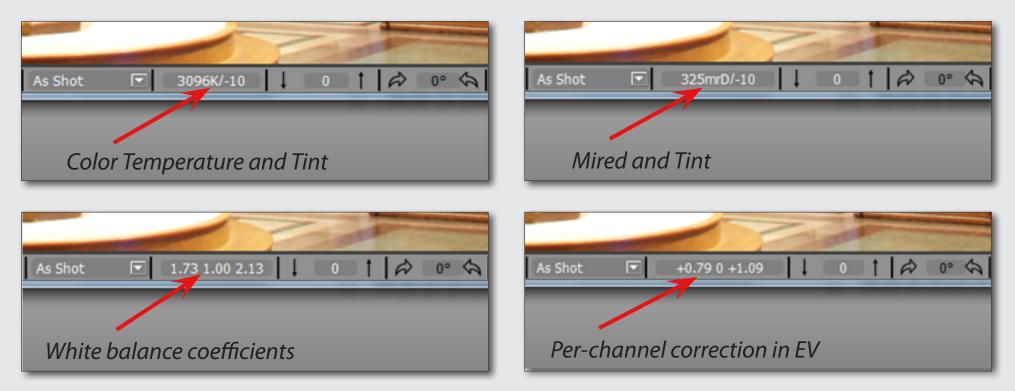


#### **Choosing White Balance Display Mode**

• Menu -> File -> Preferences -> White Balance -> White Balance Display Mode



White Balance settings in the chosen mode will be displayed at the Bottom Bar:

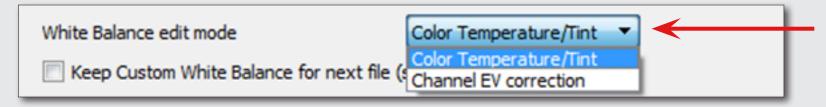




Fine-tuning White Balance

#### **Choose White balance Edit Mode**

• Menu -> File -> Preferences -> White Balance -> White Balance Edit Mode



#### **Adjust White Balance**

Click White Balance Display at the Bottom Bar to adjust white balance using sliders in the
 White Balance Adjustment Window

As Shot	White Balance Color Temperature 3096 K Tint -10 OK Cancel 3096K/-10 0 0 🐼 0° 🥎	As Shot	White Balance         R       0.79 EV         G       0.00 EV         B       0.00 EV         OK       Cancel         +0.79 0 +1.09       0       ♦ 0°
Bottom Bar	Press here White Balance Adju	to open stments Window	Bottom Bar

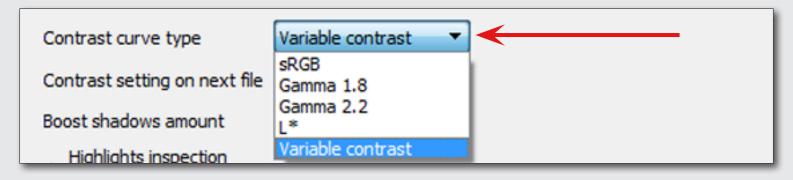


If you want to add "bite" to the image display, or are opting for a flatter look for the scenes with high dynamic range (*which helps see maximum details*), you need to play with the contrast.

FastRawViewer allows one to apply "standard" tone curves (sRGB, Gamma 1.8 and 2.2, L\*), but also offers the Variable Contrast mode for tone curves.

#### **Choosing a Contrast (Tone) Curve Type**

Menu -> File -> Preferences -> Image Display -> Contrast Curve Type



#### **Adjusting Contrast**

In Variable Contrast mode, the image contrast can be adjusted in "grades":

• Menu -> Adjust -> Increase Contrast ( <u>or</u> K ) / Decrease Contrast ( <u>or</u> 企K ) <u>or</u>





#### **Customizing XMP or RPPS Settings to Match You RAW Converter**

Many RAW converters and image browsers are using sidecar files to store non-destructive changes to the image as well as ratings, labels, comments, etc.

#### **Choosing XMP Settings in Preferences**

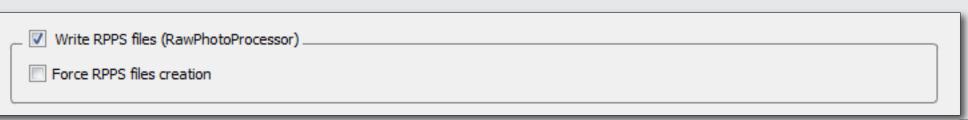
Menu -> File -> Preferences -> XMP

Use XMP for RAW files	
Read Only XMP	
Warn about XMP writing errors	
Force XMP files creation	
Refresh XMP metadata and thumbnails after batch	operation
Enable XMP editing for JPEG files	

In XMP settings Window you will see several options tuning of which allows better communication between FastRawViewer and your preferred RAW converter.

#### **For RPP Users**

Menu -> File -> Preferences -> Other





#### **Adjusting Settings and Basic Conversion Parameters**

If you are using Adobe ACR or Lr you should:

#### **0a. Switch on "Apply Adobe Exposure Correction"**

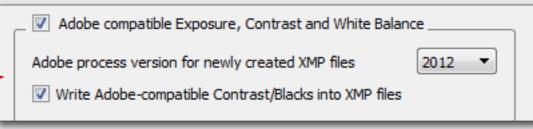
• Menu -> File -> Preferences -> Exposure

Apply Adobe hidden exposure correction

#### **Ob. Switch on "Adobe compatible Exposure, Contrast and White balance"**

Menu -> File -> Preferences -> XMP

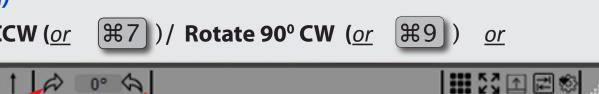
To record Contrast in the format that is acknowledged by Adobe converters, check *"Write Adobe-compatible Contrast/Blacks into XMP file"* 



**1. Check the Settings for Sidecar Files .xmp/.rpps** (please see the previous tip)

#### 2. Set Image Orientation (if needed)

Menu -> Adjust -> Rotate 90° CCW (<u>or</u>



## As Shot Image: Shot

**3. Tune White Balance** and **Adjust Exposure Correction** (see tips for 'Assessing the Image: White Balance' and 'Assessing the Image: Exposure Correction')

**5. Adjust Contrast (if using Adobe raw converters)** (see tips for 'Assessing the Image: Contrast')



It often happens that several files need the same adjustments to **White Balance**, **Exposure** and **Orientation**. To do so, FastRawViewer offers **Propagation Mode**: in this mode adjustments made to Exposure and White Balance are **automatically applied** to the next image you open in FastRawViewer.

#### Propagation of Settings from the "Previous" Image to the "Next" (#1)

#### **Keep Exposure Correction for the Next Frame**

 Menu -> File -> Preferences -> Exposure -> choose Keep from prev. file from drop-down Exposure correction on file open

Exposure correction on file open	Keep from prev. file 🔻	
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#### Keep White Balance for the Next Frame

 Menu -> File -> Preferences -> White Balance -> choose Same as previous from drop-down White Balance for next file

White Balance for next file (same camera)	Same as previous	]←──
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When using Propagation you may choose **Forced Mode** of recording sidecar files. In this case even if no individual adjustments were applied to the image the sidecar file will be written containing all the changes you've made last time within the session. Thus all RAW files will have accompanying sidecar files with the parameter already set to be picked up by RAW converter.

#### Propagation of Settings from the "Previous" Image to the "Next" (#2)

#### **Force XMP Files Creation**

Menu -> File -> Preferences -> XMP

Read Only XMP

Force XMP files creation

#### **Force RPPS Files Creation**

If you are using RPP (RawPhotoProcessor) switch on the following:

Menu -> File -> Preferences -> Other

_ Write RPPS files (RawPhotoProcessor)	
V Force RPPS files creation	
	]