



Adobe Bridge

Always use for Photoshop

Bellwork

How do you look at images? How do you look at images on a computer? What can you find out about the images from how you look at images?

Discuss with your neighbors and be prepared to share with the class.

Objective

Students will be able to:

- Understand the different parts of Adobe Bridge's workspace.
- Navigate through their photos on Bridge.
- Be able to organize their photos.
- Utilize Adobe Bridge before the editing process in Adobe Photoshop.

What is Adobe Bridge?

Adobe Bridge is a companion program for Photoshop. Bridge is often referred to as a digital asset manager, or a media manager. That's because Adobe Bridge gives us powerful ways to find, manage and organize our ever-growing collection of images. In fact, Bridge isn't limited to just photos, or just Photoshop. Adobe Bridge is a companion program for every app in the Adobe Creative Cloud (or the Creative Suite). We can use Bridge to manage not just images but also Adobe Illustrator files, InDesign files, videos, and more!

Since this is a Photography class using Photoshop, we'll focus on how we can use Bridge with our photos.

Adobe Bridge Features Overview

Before we look at what we can do in Adobe Bridge, let's quickly go over some of the many great features that Bridge has to offer.

Bridge is a File Browser

At its most basic, Adobe Bridge is a **file browser**. Bridge is similar in many ways to the file browser you use with your computer's operating system (Finder in Mac which we use as well as iPhoto which we do **NOT** use).

We can use Bridge for the following:

- Find images we're looking for on our computer.
- Copy or move images from one folder to another.
- Copy or move entire folders from one location to another.
- Create new folders, rename folders and images, and delete folders and images.

Every basic function we can perform using our operating system's file browser, we can do with Adobe Bridge.

Bridge is a File Management System

If we can already do these things with our normal file browser, why bother learning how to do them in Bridge? The reason is simple. Bridge isn't just a file browser. Adobe Bridge is a **complete file management system**. To begin, Bridge can display **thumbnail previews** of all the images in a folder. The thumbnails in Bridge are **fully customizable**. We can adjust the size of the thumbnails in Bridge just by dragging a slider. Bridge can also display more information about an image (the file name, pixel dimensions, date created, copyright info, and more) below its thumbnail.

Bridge is a File Management System(continued)

Also, Bridge lets us easily change the **sort order** of the images. We can order images by *file name*, *file type*, the *date* each file was created or modified, or by *file size* or *dimensions*. We can also order images by **star rating** or some other criteria. And we can manually change the sort order just by dragging the thumbnails around!



Bigger and Better Image Previews

Along with changing the size of the thumbnails, Bridge gives us other ways to preview our images.

The **Preview panel** in Bridge displays a larger preview of each image we select.

One of the best features of Bridge is the **Full Screen Preview** mode (It lets us instantly jump to a full screen view of any image for a closer look!).

Adding Ratings and Labels to Images

One of the ways we can sort our images in Bridge is by **star rating**. Bridge lets us quickly apply ratings to our images using a one-to-five-star system. An image you absolutely love may get five stars, while another image that's "okay but needs work" may get only one star. Other images that are you don't want to edit may get no stars at all. Or you can label an image as "**Reject**" if it you want to get rid of it(Things like completely overexposed, etc).

Along with star ratings, Adobe Bridge also lets us apply **color labels** to images. A **yellow** label can indicate images that still need work. **Green** can be used for ones that have already been approved. We can choose the meaning of each color ourselves, so how you want to label or use them is up to you.

Adding Keywords and Copyright Information

Bridge lets us add important **copyright information** to our photos.

We can view and edit a whole range of additional information (**metadata**) about our images.

We can create and apply **keywords** to our images with Bridge, making it easier for us (and others) to find those images when we need them.

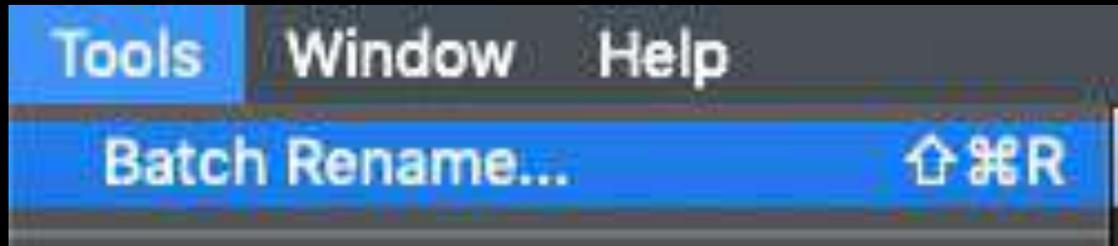
Filtering Images and Creating Collections

Bridge can filter images to show us the photos that meet certain criteria we're looking for. We can view only images with a five star rating. Or only the images shot with a certain lens, or at a certain focal length.

Bridge can combine photos into **collections** that make it easy for us to group related images together. Collections can even group images that are scattered across different folders or even different hard drives. And **smart collections** in Bridge act like dynamic search results. Smart collections tell Bridge to automatically add any images to the collection if and when they meet the criteria we specify.

Batch Renaming Files

The **Batch Rename** feature in Bridge lets us quickly rename multiple files at once. Batch Rename lets us rename our files after we've deleted the ones we don't want to keep. This means there won't be any breaks in the naming sequence (which makes it look like some of the images are missing). Mr. Nistas gave you a handout with instructions on how you need to rename your photos for this class.

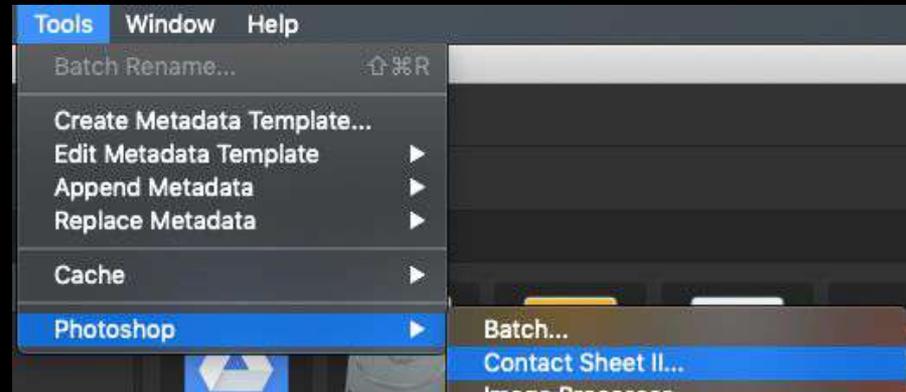


Making Contact Sheets

You can make contact sheets through Adobe Bridge. This is what you do after each shoot after you've renamed your photos to show the photos you've taken for projects. It creates a sheet with thumbnails of all of your photos.

(Contact sheets for this class are 5 columns, 6 rows, with the sheet being 8.5 wide, 11 long, with the units being in inches. Make sure to have Use Filename as Caption selected with Font: Arial, Regular, 12pt)

There are two different ways to do this.



Quick Access to Photoshop

Bridge makes it easy to open our images into Photoshop. But Bridge also gives us access to some of Photoshop's powerful image processing commands. Lens Correction, Merge to HDR Pro, Photomerge and others are all available from directly within Bridge itself. Adobe Bridge is also the best way to open images into Photoshop's image editing plugin, Camera Raw.

To open in Camera Raw, have a photo selected and do one of the following:

- File > Open in Camera Raw
- Click on the Aperture Ring on the Application Bar
- Right click on the image and select Open in Camera Raw
- Double click on the image if it is a .CR2 file



How to Launch Adobe Bridge

Even though Bridge may be a companion app for Photoshop, Bridge is actually its own separate program. We can open Bridge the same way we open Photoshop or any other program on our computer. On our computers, Bridge is found in the Applications folder. You can even save it to the Dock for easy access.

Photoshop does not need to be open to start Bridge. But Bridge can be opened from within Photoshop.



Opening Bridge through Photoshop

In Photoshop, open Bridge by going up to the File menu and choosing Browse in Bridge. Bridge can also be opened from the keyboard shortcut:

Command + Option + O.

Quick Tip: The keyboard shortcut will switch you back and forth between Photoshop and Bridge each time you press it.



Demo - Adobe Bridge

Essentials Libraries Filmstrip Output Metadata Keywords **C** Search Adobe Stock

Computer > macOS10.13_17A365_HFS > Users > labuser > Desktop > Demo > **B**

Sort by Filename

A

Computer
labuser
Desktop
Documents
Pictures
Drag Favorites Here...

Filter Collections

Labels

- No Label (20)
- Überprüfung (4)

Ratings

- No Rating (24) **G**

File Type

- Folder (12)
- JPEG file (12)
- PNG image (2)

Keywords

Author Name

Date Created

Date Time Original

Date Modified

Content

500 png FILES_fusid

2016030611 4601.jpg

2016030611 4822.jpg

Content.jpg

DSC02815 .JPG

DSC02825.JPG

DSC02875.JPG

HDRTest

HEIF Test Files

IMAG0217.jpg

IMAG0242.jpg

IMAG0281.jpg

IMAG0302.jpg

IMG_0165.jpg

IMG_0177.jpg

26 items, 4 hidden, 1 selected - 1.79 MB

E

Preview Publish

DSC02815.JPG

Metadata Keywords

f/ 5.2	1/50	2592 x 1944
--	--	1.79 MB 72 ppi
AWB	ISO 320	sRGB RGB

F

File Properties

Filename	DSC02815.JPG
Document Type	JPEG file
Date Created	10/2/11, 6:21:17 PM
Date File Modified	8/6/18, 4:13:16 AM
File Size	1.79 MB
Dimensions	2592 x 1944
Dimensions (in inches)	36.0" x 27.0"
Resolution	72 ppi
Bit Depth	8
Color Mode	RGB
Color Profile	sRGB IEC61966-2.1

Adobe Bridge Interface

Like Photoshop, Adobe Bridge provides a collection of **panels**:

- The **Folders** panel in the upper left lets you navigate through the folders and directories on your computer to find your images. Along with the Folders panel is the **Favorites** panel which gives you quick access to the folders and directories you use the most.
- The **Content** panel in the center displays thumbnails of your images.
- In the upper right is the **Preview** panel, showing a larger preview of whichever thumbnail is selected.
- **Metadata** about your images, including copyright information, can be viewed and edited in the **Metadata** panel.
- The **Keywords** panel lets us create keywords and apply them to our photos.
- The **Filter** panel makes it easy to filter images so we're only seeing the ones we need.
- The **Collections** panel lets us group related images together.

A - Folders and Favorites Panels

The screenshot displays the Adobe Bridge interface with the following components:

- Top Panel:** Includes navigation arrows, a search bar for Adobe Stock, and tabs for Essentials, Libraries, Filmstrip, Output, Metadata, and Keywords. The current path is `Computer > macOS10.13_17A365_HFS > Users > labuser > Desktop > Demo`.
- Left Panel:** Contains the **Favorites** and **Folders** panels. A red box highlights the Favorites section, which lists `Computer`, `labuser`, `Desktop`, `Documents`, and `Pictures`. A red letter **A** is placed next to this list. Below it is the **Filter** and **Collections** section, which includes **Labels** (No Label, Überprüfung), **Ratings** (No Rating), and **File Type** (Folder, JPEG file, PNG image). A white letter **G** is placed next to the File Type section.
- Content Panel:** A grid of 20 items, including folders and image files. A blue box highlights the selected item `DSC02815.JPG`. A white letter **D** is placed below the grid.
- Right Panel:** Shows the **Preview** of the selected image, a white letter **E** is placed to its right. Below the preview is the **Metadata** and **Keywords** section, which includes **File Properties** (Filename, Document Type, Date Created, Date File Modified, File Size, Dimensions, Dimensions in inches, Resolution, Bit Depth, Color Mode, Color Profile). A white letter **F** is placed to the right of this section.

At the bottom of the interface, it shows `26 items, 4 hidden, 1 selected - 1.79 MB`.

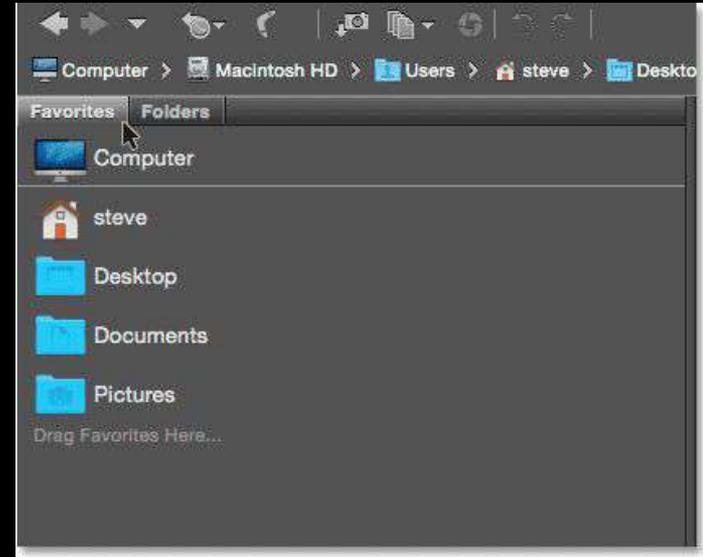
A - Folders and Favorites Panels

The **Folders** panel is our main way of navigating to our images.

- The **Folders** Panel displays the folders on your computer in a familiar and easy-to-use "tree" structure.

The **Favorites** panel lets us quickly access the folders and file locations we use the most, just like bookmarks in your web browser!

- All you need to do is drag a folder to this area to save it as a **Favorite**.



Folders and Favorites Panels(Continued)

Adobe Bridge groups related panels together to save space, just like Photoshop does. And just like in Photoshop, we can switch between panels in a group by clicking on the name tabs along the top of the group.

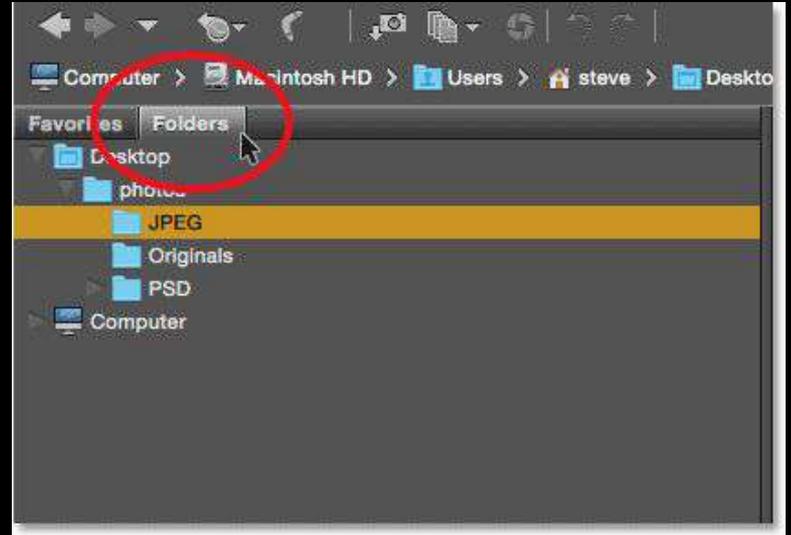
By default, Bridge adds some common file locations to the Favorites panel, like your Desktop, Documents folder and Pictures folder. We can quickly jump to any of these locations by clicking on them. We can also add our own folders and file locations to the Favorites panel.

The Folders Panel

To switch from **Favorites** to the **Folders** panel, click on the Folders tab.

The **Folders** panel is our main way of navigating to our images.

- This lets us navigate down through our folders to get to the files we need.
- Clicking the triangle to the left of a folder will expand that folder open, revealing the folders inside it.



B - The Path Bar

The screenshot displays the Adobe Bridge interface with the following components:

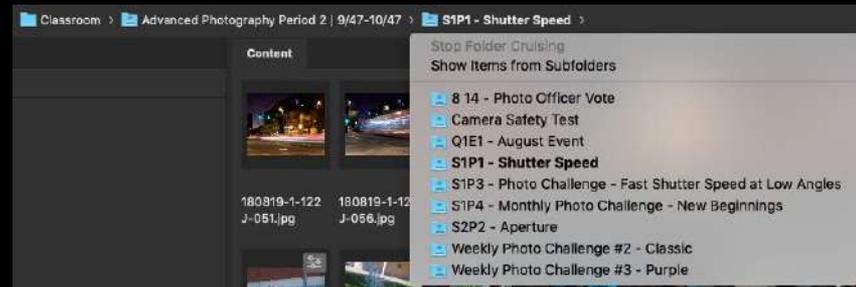
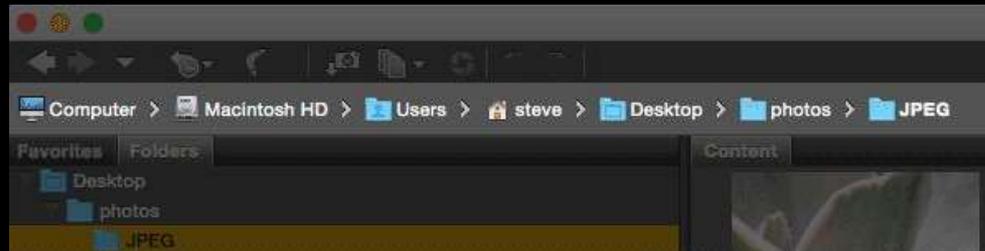
- Path Bar (B):** Located at the top, it shows the current location: Computer > macOS10.13_17A365_HFS > Users > labuser > Desktop > Demo.
- Content Panel (A, D):** The central workspace showing a grid of image thumbnails. The selected image is DSC02815.JPG, which is highlighted with a blue border (E).
- Left Panel (G):** Contains the Favorites, Filter, and Ratings sections. The Favorites section shows the current path. The Filter section shows 'No Label (20)' and 'Überprüfung (4)'. The Ratings section shows 'No Rating (24)'. The File Type section shows 'Folder (12)', 'JPEG file (12)', and 'PNG image (2)'. The Keywords section is expanded to show 'Author Name', 'Date Created', 'Date Time Original', and 'Date Modified'.
- Right Panel (F):** Contains the Preview, Metadata, and File Properties sections. The Preview section shows the selected image. The Metadata section shows 'f/ 5.2 1/50', '2592 x 1944', '1.79 MB 72 ppi', and 'ISO 320 sRGB RGB'. The File Properties section shows 'Filename: DSC02815.JPG', 'Document Type: JPEG file', 'Date Created: 10/2/11, 6:21:17 PM', 'Date File Modified: 8/6/18, 4:13:16 AM', 'File Size: 1.79 MB', 'Dimensions: 2592 x 1944', 'Dimensions (in inches): 36.0" x 27.0"', 'Resolution: 72 ppi', 'Bit Depth: 8', 'Color Mode: RGB', and 'Color Profile: sRGB IEC61966-2.1'.

B - The Path Bar

The **Path Bar** along the top of the Bridge interface is another way to see the current file location. Here you can see that the current location is the *JPEG* folder which is inside the *photos* folder on the *Desktop*. The **Path Bar** also allows users to quickly jump to any other location along the path.

For example, if you wanted to jump to your Desktop, all you would need to do is click on *Desktop* in the **Path Bar** and Bridge would take you right there.

Clicking on the Triangle to the right of the location will show you any folder that might be in that location.



C - Application Bar

The screenshot shows the Adobe Bridge application bar and interface. A red box highlights the application bar, which includes navigation icons, tabs (Essentials, Libraries, Filmstrip, Output, Metadata, Keywords), and a search field labeled 'Search Adobe Stock'. The interface is divided into several panels: Favorites/Folders on the left, Content in the center, and Preview/Publish on the right. The Content panel shows a grid of image thumbnails, with one selected. The Preview panel shows a large image of a deity. The Metadata panel shows technical details for the selected image.

A: Favorites/Folders panel

B: Application Bar (highlighted with a red box)

C: Search Adobe Stock field

D: Content panel (grid of thumbnails)

E: Preview panel (large image)

F: Metadata panel

G: Filter/Labels/Ratings/File Type panel

26 items, 4 hidden, 1 selected - 1.79 MB

C - Application Bar

The Application Bar provides buttons for essential tasks like creating PDF contact sheet, navigating the folder hierarchy, switching workspaces, and searching for files. Bridge also gives the familiar Back and Forward buttons in the upper left corner. These buttons act just like the Back and Forward buttons in web browsers. Use them to move back and forth through your navigation history.



D - The Content Panel

The screenshot displays the Adobe Bridge interface with the following components:

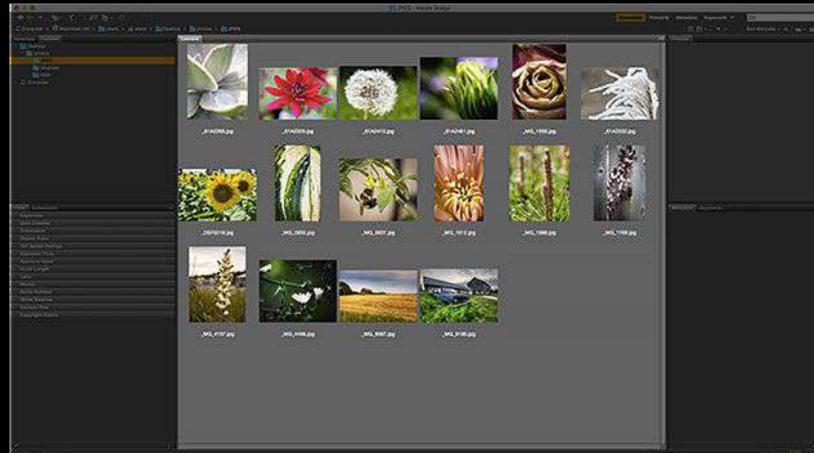
- Top Bar:** Includes navigation icons, tabs for Essentials, Libraries, Filmstrip, Output, Metadata, and Keywords, and a search bar for Adobe Stock.
- Left Sidebar:** Labeled 'A', it contains 'Favorites' and 'Folders' sections. The 'Filter' section is labeled 'G' and includes options for Labels, Ratings, and File Type.
- Content Panel:** Labeled 'D', it is a grid of 26 items (4 hidden, 1 selected). The selected item is 'DSC02815.JPG', which is highlighted with a blue border and a red box around the entire grid.
- Right Panel:** Labeled 'E' and 'F', it shows the 'Preview' of the selected image and its 'Metadata' and 'File Properties'.

File Properties:

Property	Value
Filename	DSC02815.JPG
Document Type	JPEG file
Date Created	10/2/11, 6:21:17 PM
Date File Modified	8/6/18, 4:13:16 AM
File Size	1.79 MB
Dimensions	2592 x 1944
Dimensions (in inches)	36.0" x 27.0"
Resolution	72 ppi
Bit Depth	8
Color Mode	RGB
Color Profile	sRGB IEC61966-2.1

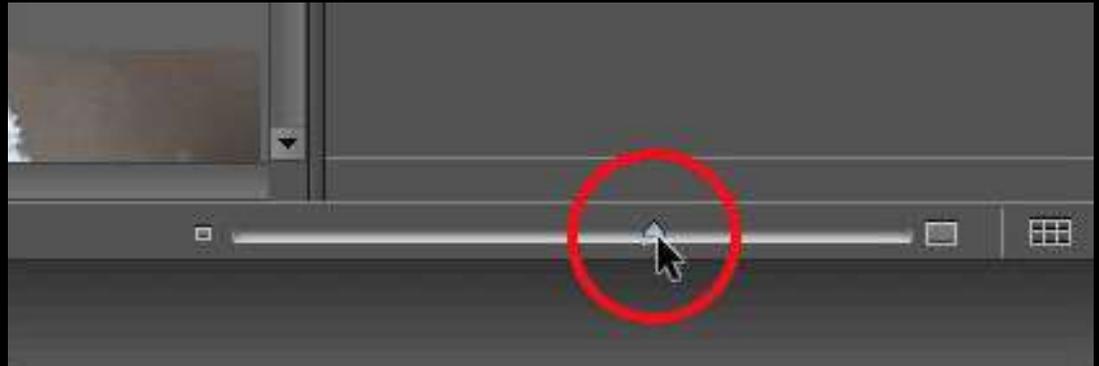
D - The Content Panel

Once you have navigated to your images using the **Folders** or **Favorites** panel, they appear as thumbnails in the **Content** panel. The **Content** panel is the largest panel in Bridge, taking up the entire section in the middle. Here you will see thumbnail previews of all the images inside the *JPEG* folder.



Slider

The slider along the bottom right of the Bridge interface makes it easy to adjust the size of the thumbnails. Drag the slider to the right to make the thumbnails larger. Drag to the left to make them smaller. There's also an icon on either side of the slider bar. Clicking the icons will increase (+) or decrease (-) the thumbnail size incrementally.



Larger Thumbnails

You will see that after dragging the slider to the right, the thumbnails are now much larger. They are so large that only a few of them can fit within the **Content** panel's viewable area.

The scroll bar along the right of the **Content** panel lets you scroll through your thumbnails when they're either too large, or when there's too many to fit on the screen at once.



E - The Preview Panel

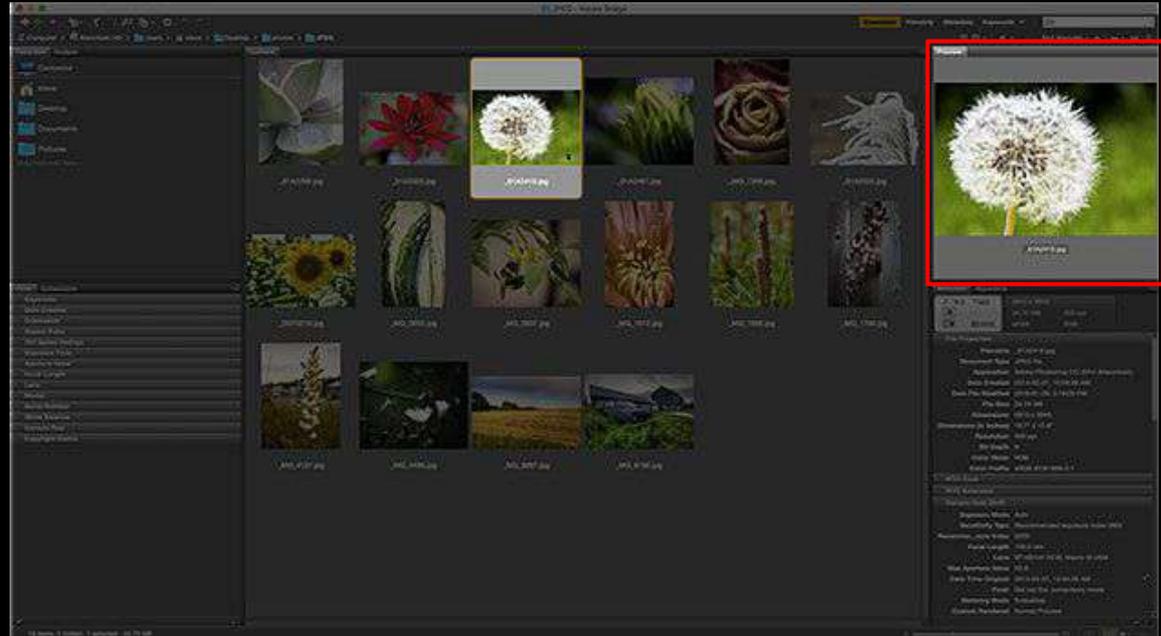
The screenshot displays the Adobe Bridge interface with the following components:

- Top Bar:** Includes navigation icons, tabs for Essentials, Libraries, Filmstrip, Output, Metadata, and Keywords, and a search bar for Adobe Stock.
- Left Panel:** Contains 'Favorites' and 'Folders' sections. The 'Folders' section shows a tree view of the file system (Computer > macOS10.13_17A365_HFS > Users > labuser > Desktop > Demo). A large white letter 'A' is overlaid on this panel.
- Content Area:** A grid of image thumbnails. The thumbnail 'DSC02815.JPG' is selected and highlighted with a blue border. A large white letter 'B' is overlaid on the top right of this area.
- Preview Panel:** A large panel on the right showing a high-resolution preview of the selected image 'DSC02815.JPG'. A red rectangular box highlights this panel, with a large white letter 'E' overlaid on the image. Below the image, the filename 'DSC02815.JPG' is visible.
- Metadata and File Properties:** Below the preview panel, there are sections for 'Metadata' and 'File Properties'. A large white letter 'F' is overlaid on this section. The 'File Properties' section lists details for 'DSC02815.JPG', including document type (JPEG file), date created (10/2/11), date modified (8/6/18), file size (1.79 MB), dimensions (2592 x 1944), resolution (72 ppi), bit depth (8), color mode (RGB), and color profile (sRGB IEC61966-2.1).
- Bottom Panel:** Shows a grid of thumbnails for other files, including 'DSC02825.JPG', 'DSC02875.JPG', 'HDRTest', 'HEIF Test Files', 'IMAG0217.jpg', 'IMAG0242.jpg', 'IMAG0281.jpg', 'IMAG0302.jpg', 'IMG_0165.jpg', and 'IMG_0177.jpg'. A large white letter 'D' is overlaid on this area.
- Bottom Left Panel:** Contains 'Filter' and 'Collections' sections. The 'Labels' section shows 'No Label (20)' and 'Überprüfung (4)'. The 'Ratings' section shows 'No Rating (24)'. The 'File Type' section shows 'Folder (12)', 'JPEG file (12)', and 'PNG image (2)'. A large white letter 'G' is overlaid on this panel.
- Bottom Status Bar:** Displays '26 items, 4 hidden, 1 selected - 1.79 MB' and various view and zoom controls.

E - The Preview Panel

To select an image in the **Content** panel, click one of the image thumbnails.

A preview of the image will appear in the **Preview** panel in the upper right of the Bridge interface.



Resizing Panels in Bridge

If the preview is too small, you can easily resize the **Preview** panel to make it larger. You can resize any of the panels in Bridge in the same way.

1. Hover your mouse cursor over the vertical or horizontal divider line on the left, right, top or bottom of a panel.
2. Your cursor will change into a resize icon with two arrows pointing in opposite directions.
3. Click and drag the divider line to resize the panel as desired.

You will notice that as you resize the **Preview** panel, the image inside the panel resizes along with it.

The screenshot displays the Adobe Photoshop interface, specifically the Library and Properties panels. The Library panel on the left shows a grid of image thumbnails. The Properties panel on the right shows the metadata for the selected image, including file name, document type, application, date created, date modified, file size, and dimensions. Red circles and arrows highlight the crop tool icon in the Library panel and the crop tool icon in the Properties panel.

Library Panel:

- Thumbnail 1: `_61A2410.jpg`
- Thumbnail 2: `_MG_1668.jpg`
- Thumbnail 3: `_MG_0655.jpg`
- Thumbnail 4: `_MG_1769.jpg`
- Thumbnail 5: `_DSF0219.jpg`

Properties Panel:

Metadata

Resolution: 16.0 / 1760	Dimensions: 5612 x 3840
Color Mode: sRGB	Resolution: 300 ppi
File Size: 24.70 MB	Color Mode: RGB

File Properties

Filename	<code>_61A2410.jpg</code>
Document Type	JPEG file
Application	Adobe Photoshop CS6 (Macintosh)
Date Created	2014-05-27, 12:50:35 AM
Date File Modified	2015-01-23, 2:18:00 PM
File Size	24.70 MB
Dimensions	5612 x 3840

Customizing the Interface

Increasing the size of one panel in Bridge decreases the size of other panels (since there's only so much room on the screen). In this situation, by making the **Preview** panel larger, the **Content** panel is smaller.

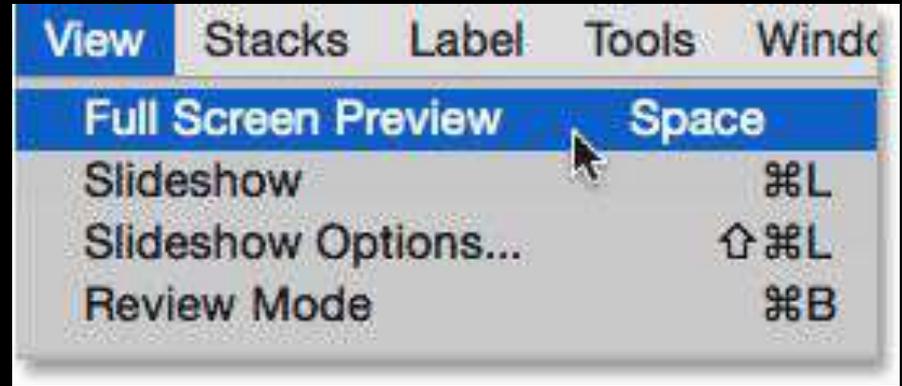
You can customize the interface however you prefer.



Full Screen Previews

The **Preview** panel isn't the only option to review your images. There is also the **Full Screen Preview** option in Bridge.

With a thumbnail selected in the **Content** panel, go up to **View** in the Menu Bar and choose **Full Screen Preview**. Or just press the spacebar on the keyboard.



Full Screen Previews

This brings up the image to a full screen view, with the entire image fitting on the computer screen. If the aspect ratio of the image isn't the same as the aspect ratio of the computer screen, there will be gray bars either on the sides or along the top and bottom.



The 100% View

Clicking on the image while in the full screen view will zoom in to a **100% view**. In the **100% view**, each pixel in the image takes up exactly one screen pixel. This way is an easy way to judge the sharpness and focus of the image.

- Click and drag the image around while in the 100% view mode to view and inspect different areas.
- To zoom back out, click once again on the image.
- To exit Full Screen Preview mode completely, press the **spacebar** again on the keyboard.



Rating Images

To make it easy to separate good images from bad, Bridge allows users to apply **ratings** to images. It uses a ★ to ★★★★★ rating system.

To select *multiple* images at once, press and hold the **Command** key on the keyboard and click on the images needed.

If all the images needed are in a *continuous* row, click on the first image to select it, then press and hold the **Shift** key and click on the last image. This will select all of the images from the first image to the last.

Ratings Images

Notice that with three images selected in the **Content** panel, the **Preview** panel is displaying larger previews of all three images. The **Preview** panel can display up to **9** images at a time.



Stars

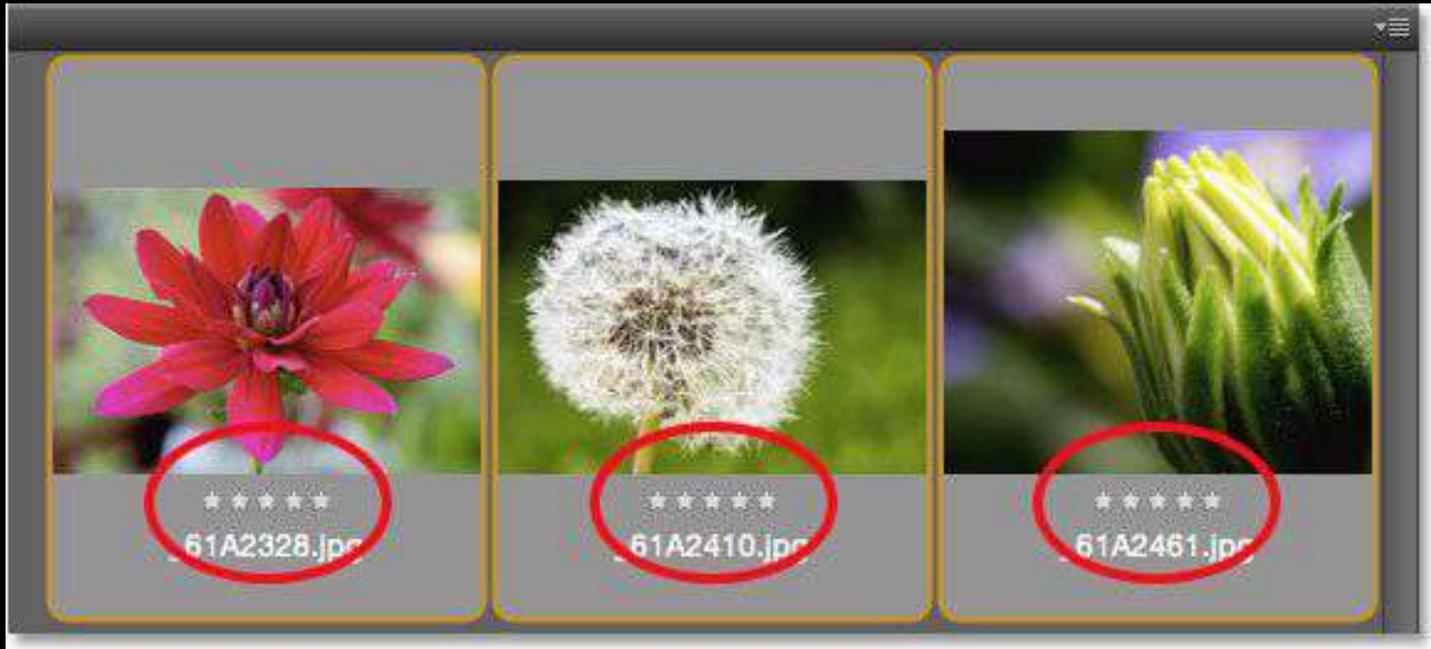
To use the ★ to ★★★★★★ rating system, do the following:

- Select the image
- Go to **Label** in the Menu Bar
- From there, choose ★, ★★, ★★★★★, ★★★★★★, or ★★★★★★★.
- Choose **No Rating** to clear the previous rating from the image.
- For images that won't be usable, choose **Reject**.



Five Stars

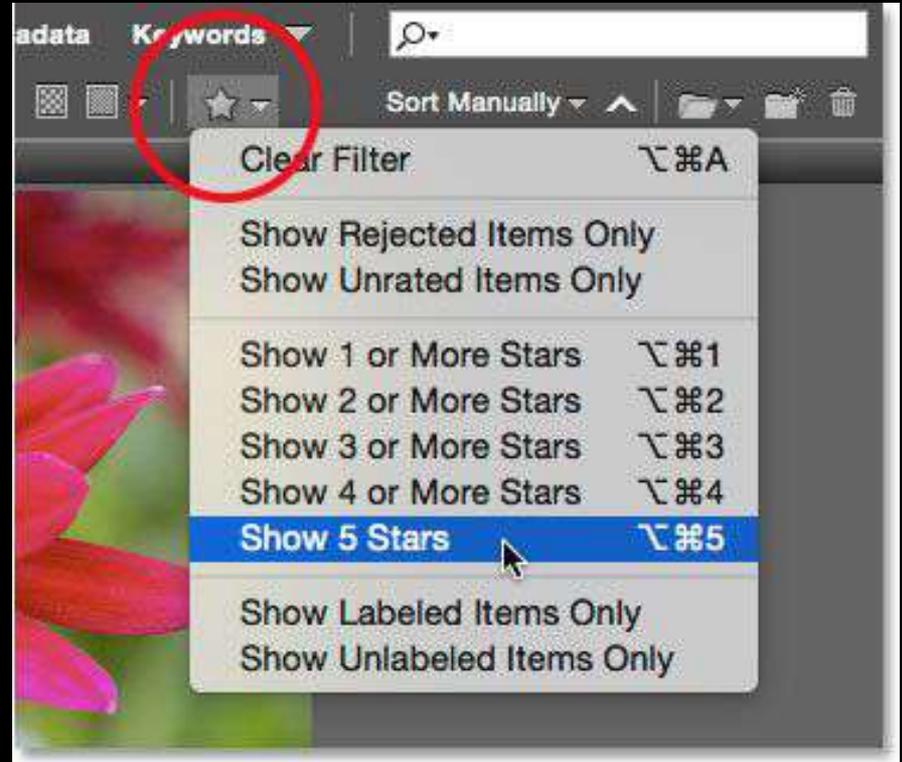
Notice the three images here now show a five star rating below their thumbnails.



Filtering Images by Star Rating

Once some images are rated, they can be filtered in the **Content** panel to show only images with a certain rating.

1. Click the **Filter Items by Rating** icon (the ★) in the upper right of the Bridge interface.
2. Choose an option from the dropdown menu.



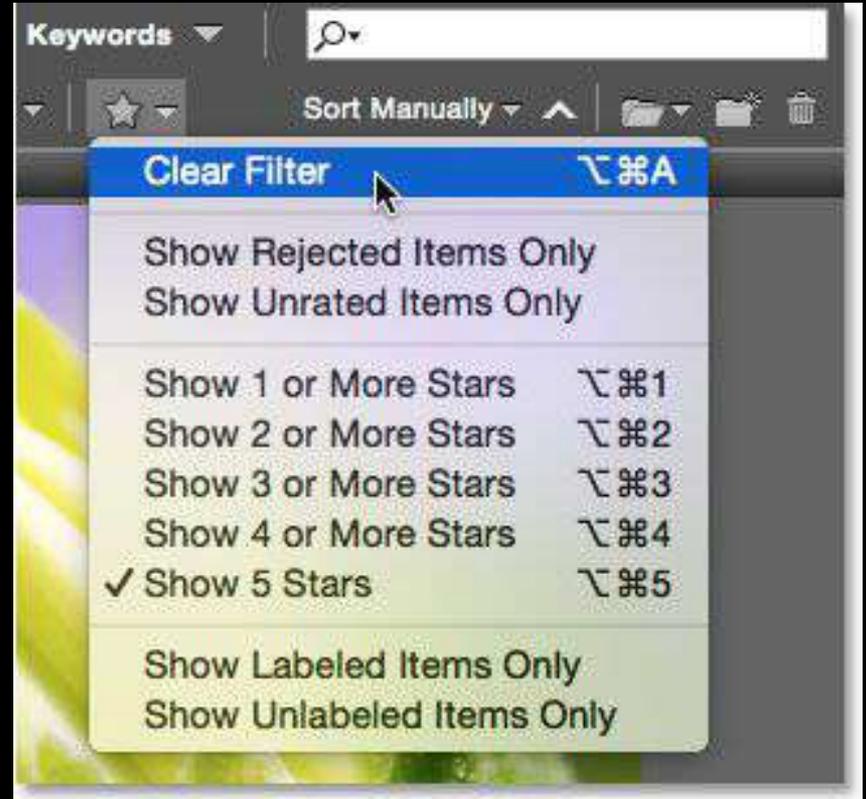
Filtering Images by Star Rating(Continued)

Now only those three images with a 5 star rating remain in the **Content** panel. Images with fewer than 5 stars, or no rating at all, are temporarily hidden. Another option choose from is to view only rejected images, or images with no rating. Or view only images with or without a color label assigned to them.



Clearing the Filter

To view all of the images again, click on the **Filter Items by Rating** icon(★) and choose *Clear Filter* from the top of the menu.



Labels

You can also **Label** photos to stand out with colors. *Select*, *Second*, *Approved*, *Review*, and *To Do* are the default names, but you can always change them to different names if you want.



F - Metadata/Keywords

The screenshot displays the Adobe Bridge interface with the following components:

- Top Panel:** Includes navigation icons, tabs for Essentials, Libraries, Filmstrip, Output, Metadata, and Keywords, and a search bar for Adobe Stock.
- Left Panel (A):** Shows the 'Favorites' and 'Folders' section with a tree view of the file system (Computer > labuser > Desktop > Demo).
- Content Panel (B, D):** A grid of image thumbnails. The thumbnail 'DSC02815.JPG' is selected and highlighted with a blue border.
- Right Panel (E):** A large preview window showing the selected image of a deity.
- Metadata Panel (F):** A red-bordered panel showing the metadata for the selected image. It includes a 'Metadata' tab with technical details and a 'Keywords' tab.

Metadata Details:

Parameter	Value
f/	5.2 1/50
Dimensions	2592 x 1944
File Size	1.79 MB
Resolution	72 ppi
Color Mode	sRGB
Color Profile	RGB

File Properties:

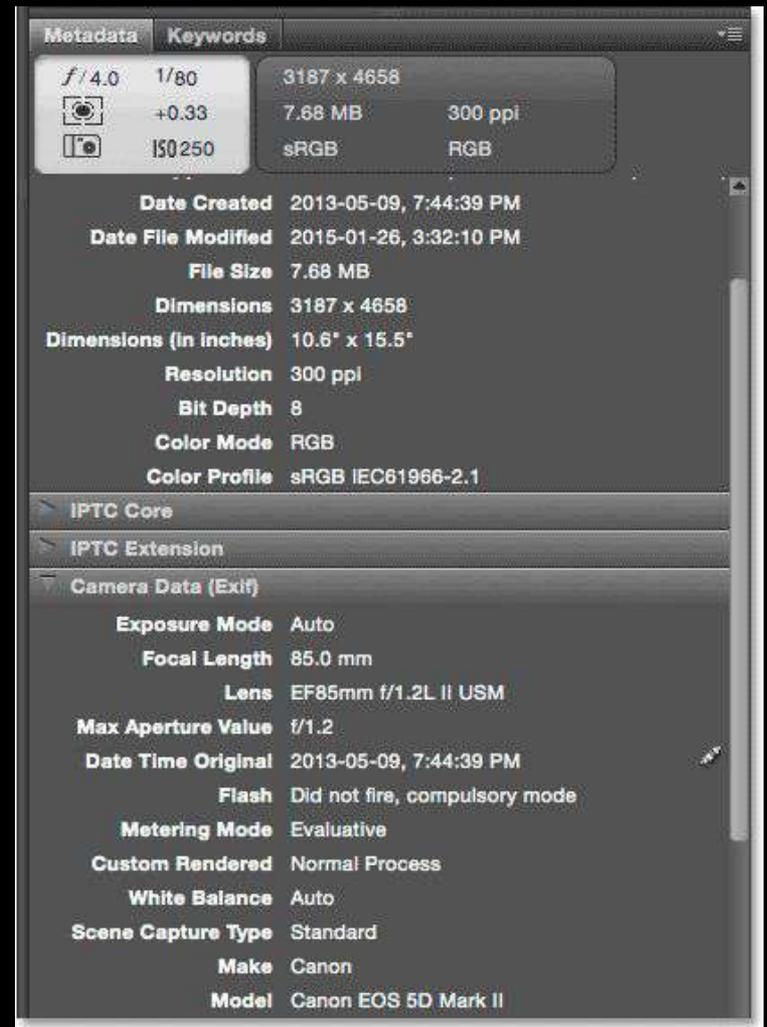
Filename	DSC02815.JPG
Document Type	JPEG file
Date Created	10/2/11, 6:21:17 PM
Date File Modified	8/6/18, 4:13:16 AM
File Size	1.79 MB
Dimensions	2592 x 1944
Dimensions (in inches)	36.0" x 27.0"
Resolution	72 ppi
Bit Depth	8
Color Mode	RGB
Color Profile	sRGB IEC61966-2.1

F - The Metadata Panel

Below the **Preview** panel on the right is the **Metadata** and **Keywords** panels tabbed together. Both of these panels are very useful.

The **Metadata** panel displays information about an image. The shot date, camera settings that were used, and the file size and type are displayed here. The image's color mode and bit depth, whether or not the flash fired, and others can also be found here. The **Metadata** panel can also be used to add additional details to the image, like copyright and contact info.

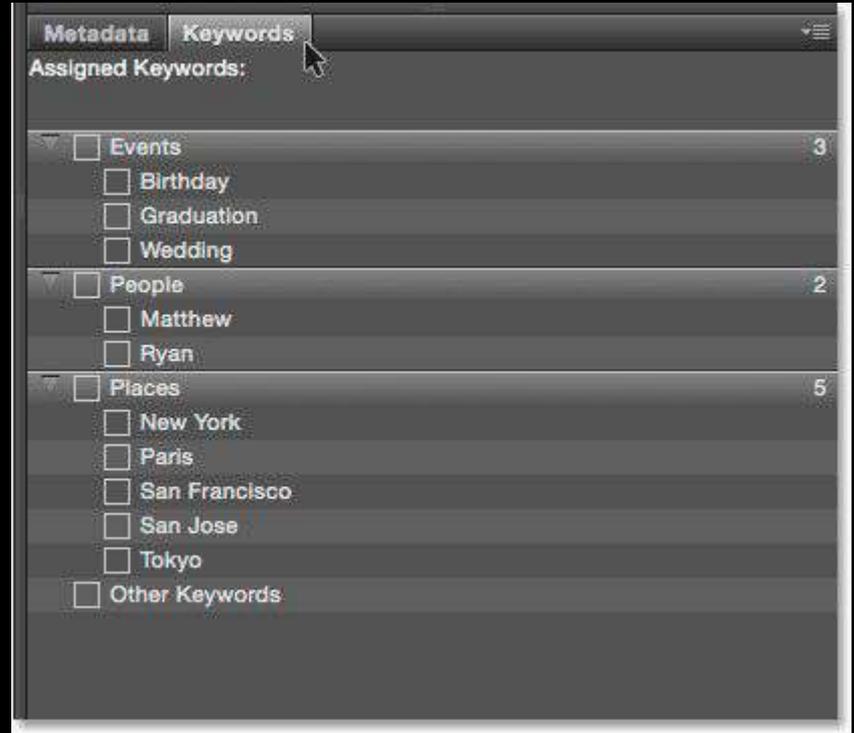
Use the scroll bar along the right to scroll through all the details and click on the various category headings (*File Properties, IPTC Core, etc*) to open and close them.



F - The Keywords Panel

The **Keywords** panel tab is beside the Metadata panel tab. Click on the **Keywords tab** to open it. The **Keywords** panel lets users create descriptive keywords and assign them to images. Later, those keywords can be searched to find those images.

To *add* a new keyword, click the **New Keyword** button at the bottom, then type in a keyword. To assign an existing keyword to an image, select the image in the Content panel. Then, click inside the checkbox of the keyword needing to be assigned. Multiple keywords can be assigned to the same image. To *remove* a keyword, select the image in the Content panel, then uncheck the keyword.



G - Filter/Collections Panel

The screenshot displays the Adobe Bridge interface with the following components:

- Top Bar:** Includes navigation icons, tabs for Essentials, Libraries, Filmstrip, Output, Metadata, and Keywords, and a search bar for Adobe Stock.
- Left Panel:** Shows Favorites and Folders, with a tree view of the file system. A red letter 'A' is placed next to the Folders section.
- Content Area:** A grid of 26 items, including folders and image files. A red letter 'B' is placed above the grid. A red letter 'D' is placed below the grid.
- Right Panel:** Features a Preview window showing a selected image of a deity, with a red letter 'E' next to it. Below the preview are Metadata and Keywords sections, with a red letter 'F' next to the File Properties section.
- Filter/Collections Panel:** Located at the bottom left, highlighted with a red border. It contains sections for Labels, Ratings, File Type, Keywords, Author Name, Date Created, Date Time Original, and Date Modified. A red letter 'G' is placed next to the File Type section.

At the bottom of the interface, a status bar indicates: 26 items, 4 hidden, 1 selected - 1.79 MB.

G - The Filter Panel

Below the **Favorites** and **Folders** panel on the left of Bridge is the **Filter** panel. The Filter panel can be used to filter images by *keyword*, the *date created*, whether the image is in *landscape* or *portrait orientation*, by *aperture*, *shutter speed* and *ISO* settings, *focal length*, and more. It can even filter images by *camera model* or the particular *lens* that was used.

G - The Filter Panel

To use the **Filter** panel:

- Click on the various category headings to open and close them.
- Click on any of the filter options in the category to select them.

(Note: there won't always be every filtering option listed. That's because the Filter panel in Bridge is dynamic. The options listed are based on the images currently in the selected folder. For example, it may be that all of the images in the folder use landscape orientation. Since none of them use portrait orientation, the Portrait option will not be displayed in the Orientation category)



Other Workspaces

Essentials(What we've seen already)

The screenshot displays the Adobe Bridge Essentials interface. The main workspace shows a grid of image thumbnails, with the selected file being 180819-1-023-051.jpg. The interface is divided into several panels:

- Left Panel:** Contains 'Favorites' and 'Folders' sections. The 'File Type' section is expanded, showing various file types like PDF, JPEG, and RAW. The 'Keywords' section is also visible.
- Top Panel:** Shows the current document name 'STP1 - Shutter Speed - Adobe Bridge' and navigation tabs for 'Essentials', 'Library', 'Filmstrip', 'Output', 'Metadata', and 'Keywords'.
- Right Panel:** Features a 'Preview' window showing a large image of a city street at night with light trails. Below it, the 'Metadata' panel displays technical details for the selected file.

Metadata Panel Data:

Property	Value
File Properties	
Filename	180819-1-023-051.jpg
Document Type	JPEG File
Application	Adobe Photoshop CC 2018 (Macintosh)
Date Created	8/18/18 7:42:33 PM
Date File Modified	8/21/18 10:27:14 AM
File Size	111 MB
Dimensions	3088 x 2654
Dimensions (in inches)	10.2" x 8.3"
Resolution	300 ppi
Bit Depth	8
Color Mode	RGB
Color Profile	Adobe RGB (1998)
EXIF Core	
EXIF Extension	
Camera Data (EXIF)	
Exposure Mode	Manual
Sensitivity Type	Recommended exposure index (REI)
Recommended	400
Focal Length	18.0 mm
Lens	EF 18-55mm f/3.5-5.6 IS II
Max Aperture Value	5/5.5
Date Time Original	8/18/18 7:42:33 PM
Flash	Did not fire, compulsory mode
White Balance	AutoWB
Custom Process	Normal Process

Filmstrip(What Mr. Nistas usually uses)



Output(How you make Contact Sheets)

The screenshot displays the Adobe Bridge interface. The main workspace shows a contact sheet of 24 images arranged in a 6x4 grid. The images are thumbnails of various scenes, including night cityscapes, a person in motion, and a close-up of flowers. Below the contact sheet, the Output Preview panel is visible, showing a larger view of the selected images. The left sidebar contains the 'Favorites' and 'Filter' panels. The 'Filter' panel shows various filters such as 'File Type', 'Keywords', 'Date Created', 'Date Modified', 'Orientation', 'Aspect Ratio', 'Color Profile', 'Bit Depth', 'ISO Speed Ratings', 'Exposure Time', 'Aperture Value', 'Focal Length', and 'Focal Length (1)'. The right sidebar shows the 'Output Settings' panel, which is currently set to 'Template' and 'Custom'. The 'Output Settings' panel includes options for 'Document', 'Grid and Margins', 'Header and Footer', 'Watermark', and 'PDF Properties'. The bottom of the interface shows a 'Export to PDF' button.

Metadata(How to see Photo Info)

The screenshot displays the Adobe Bridge interface with the 'Metadata' panel selected. The main window shows a grid of photo thumbnails with their respective metadata. The left sidebar contains the 'File Properties' and 'Camera Data' panels.

Metadata Panel:

- Filter: 22.0 2.5
- Resolution: 113 MB, 300 ppi
- Color Profile: Adobe RGB (1998)

File Properties Panel:

- File Name: 190219-1-1221-001.jpg
- Document Type: JPEG file
- Application: Adobe Photoshop CC 2018 (Macintosh)
- Date Created: 8/18/18, 7:42:33 AM
- Date File Modified: 8/21/18, 10:27:14 AM
- File Size: 1.13 MB
- Dimensions: 3068 x 3654
- Orientation (in inches): 10.2" x 8.2"
- Resolution: 300 ppi
- Bit Depth: 8
- Color Space: RGB
- Color Profile: Adobe RGB (1998)

Camera Data (EXIF) Panel:

- Exposure Mode: Manual
- Recommended exposure index (EI):
- Sensitivity Type: ISO
- Recommended: 400
- Focal Length: 18.0 mm
- Lens: EF-28-135mm f/3.5-5.6 IS II
- Max Aperture Value: 1/3.5
- Date Time Original: 8/18/18, 7:42:33 PM
- Did not fire, compulsory mode
- Metering Mode: Evaluative
- Custom Rendered: Normal Process
- White Balance: Auto
- Scene Capture Type: Standard
- Make: Canon

Content Grid:

Name	Date Created	Size	Type	Rating	Label	Keywords	Date Modified	Dimensions	Resolution	Color Profile
190219-1-1221-001.jpg	8/18/18, 7:42 PM	1.13 MB	JPEG file	0	0:0:0:0:0:0		21 Aug	3068 x 3654	300 ppi	Adobe RGB (1998)
190219-1-1221-056.jpg	8/18/18, 7:47 PM	1.78 MB	JPEG file				21 Aug	3694 x 2965	300 ppi	Adobe RGB (1998)
190219-1-1221-060.jpg	8/18/18, 7:51 PM	1.78 MB	JPEG file				21 Aug	3788 x 3028	300 ppi	Adobe RGB (1998)
190217-1-CRSD-016.jpg	8/17/18, 10:47 PM	11.95 MB	JPEG file				21 Aug	4320 x 3456	300 ppi	Adobe RGB (1998)
190219-1-085D-012.jpg	8/18/18, 10:19 AM	6.78 MB	JPEG file				21 Aug	4320 x 3456	300 ppi	Adobe RGB (1998)
190219-1-085D-043.jpg	8/18/18, 11:45 PM	7.42 MB	JPEG file				21 Aug	4320 x 3456	300 ppi	Adobe RGB (1998)
190219-1-085D-010.jpg	8/18/18, 11:48 PM	7.25 MB	JPEG file				21 Aug	4320 x 3456	300 ppi	Adobe RGB (1998)
190219-1-1221-025.jpg	8/18/18, 10:18 AM	1.73 MB	JPEG file				21 Aug	3272 x 2896	300 ppi	Adobe RGB (1998)
190219-1-1221-060.jpg	8/18/18, 10:23 AM	1.38 MB	JPEG file				21 Aug	3787 x 3091	300 ppi	Adobe RGB (1998)
190220-1-065D-065.jpg	8/20/18, 2:18 AM	4.38 MB	JPEG file				21 Aug	4074 x 3258	300 ppi	Adobe RGB (1998)
190211-1-065D-ConnectSheet#1	8/21/18, 10:36 AM	4.08 MB	JPEG file				21 Aug	2400 x 3450	300 ppi	sRGB IEC61966-2.1
190211-1-065D-ConnectSheet#2	8/21/18, 10:36 AM	2.66 MB	JPEG file				21 Aug	3600 x 3400	300 ppi	sRGB IEC61966-2.1
190211-1-065D-ConnectSheet#3	8/21/18, 10:36 AM	1.68 MB	JPEG file				21 Aug	2400 x 3450	300 ppi	sRGB IEC61966-2.1
190221-02-100M-083.jpg	8/18/18, 10:38 AM	17.42 MB	CR2 Image				22 Aug	6184 x 3458		Untagged
190221-02-100M-047.jpg	8/21/18, 10:17 AM	5 MB	JPEG file				22 Aug	3030 x 2400	300 ppi	Adobe RGB (1998)
190221-02-100M-062.jpg	8/21/18, 10:20 AM	4.26 MB	JPEG file				22 Aug	2400 x 3000	300 ppi	Adobe RGB (1998)
190211-0-1388-001.jpg	8/20/18, 6:50 PM	13.71 MB	JPEG file				22 Aug	4320 x 3456	300 ppi	Adobe RGB (1998)
190221-2-1388-002.jpg	8/20/18, 6:42 PM	5.28 MB	JPEG file				22 Aug	3456 x 2768	300 ppi	Adobe RGB (1998)
190221-2-1388-003.jpg	8/20/18, 6:25 PM	6.38 MB	JPEG file				22 Aug	4320 x 3456	300 ppi	Adobe RGB (1998)
190221-2-1388-004.jpg	8/18/18, 6:54 PM	9.71 MB	JPEG file				22 Aug	4320 x 3456	300 ppi	Adobe RGB (1998)
190221-2-1388-005.jpg	8/18/18, 6:57 PM	11.88 MB	JPEG file				22 Aug	4320 x 3456	300 ppi	Adobe RGB (1998)

Keywords(How to see Photo Keywords)

The screenshot displays the Adobe Bridge interface with the 'Keywords' panel open. The main workspace shows a grid of photo thumbnails with their respective metadata. The 'Keywords' panel on the left lists assigned keywords under categories like Events, People, and Places.

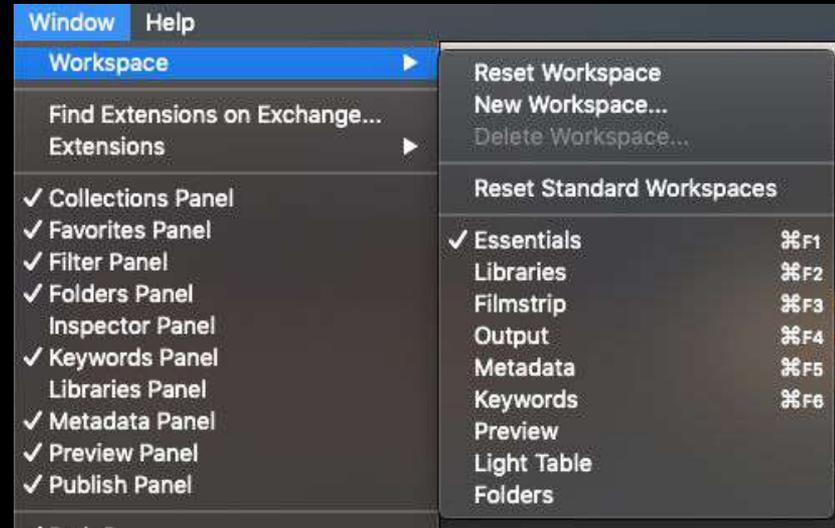
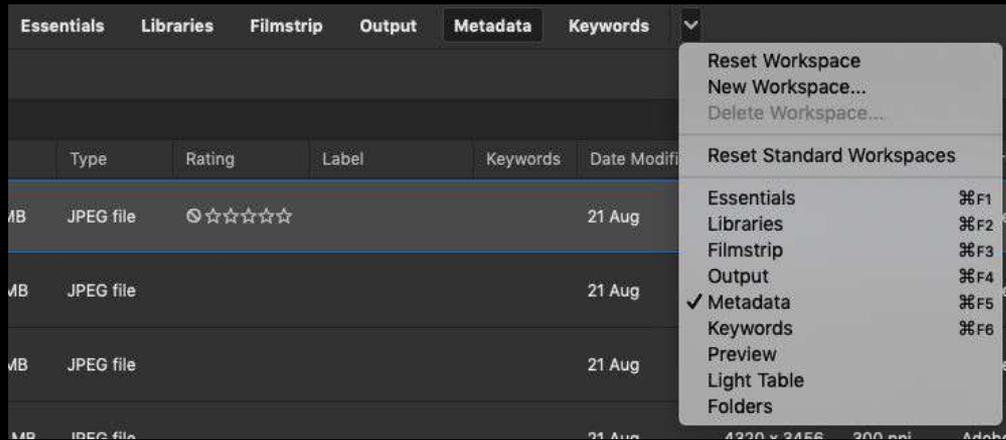
Thumbnail	Filename	Date Created	Date Modified	Size	Resolution	Focal Length	Color Profile
	180819-1-122-051.jpg	8/18/19, 7:43:33 PM	8/17/19, 10:17:34 AM	1.13 MB	2.5 x at 122.0, ISO 400	18.0 mm	Adobe RGB (1998)
	180819-1-122-051.jpg	8/18/19, 7:47:58 PM	8/17/19, 10:27:34 AM	1.78 MB	2.5 x at 122.0, ISO 400	18.0 mm	Adobe RGB (1998)
	180819-1-122-051.jpg	8/18/19, 7:51:15 PM	8/17/19, 10:27:34 AM	1.78 MB	2.5 x at 122.0, ISO 400	18.0 mm	Adobe RGB (1998)
	180817-1-080-018.jpg	8/17/19, 10:47:22 PM	8/17/19, 10:50:16 AM	11.04 MB	0.3 x at 194.5, ISO 280	18.0 mm	Adobe RGB (1998)
	180819-1-180-012.jpg	8/19/19, 10:19:14 AM	8/17/19, 10:30:16 AM	8.78 MB	11000 s at 175.8, ISO 400	18.0 mm	Adobe RGB (1998)
	180819-1-180-018.jpg	8/19/19, 11:43:37 PM	8/17/19, 10:30:16 AM	7.93 MB	0.5 x at 96.5, ISO 200	18.0 mm	Adobe RGB (1998)
	180819-1-180-019.jpg	8/19/19, 11:43:50 PM	8/17/19, 10:30:16 AM	7.26 MB	0.5 x at 94.5, ISO 100	24.0 mm	Adobe RGB (1998)
	180819-1-122-025.jpg	8/19/19, 10:18:55 AM	8/17/19, 10:37:17 AM	1.73 MB	10400 s at 175.8, ISO 400	18.0 mm	Adobe RGB (1998)
	180819-1-122-041.jpg						

Keywords Panel:

- Assigned Keywords:
- Events (3): Birthday, Graduation, Wedding
- People (2): Matthew, Ryan
- Places (3): New York, Paris, San Francisco, San Jose, Tokyo

How to Change Workspaces

To switch between the Workspaces, you can either go to the **Application Bar** and choose between *Essentials*, *Filmstrip*, *Output*, *Metadata*, *Keywords*, and the dropdown menu(which allows you to reset your workspaces to default). You can also go to **Window > Workspace** for the same options.



Closure

What do you initially think of Adobe Bridge?

What do you use to rename images for this class?

What is a contact sheet?

Are you ready to learn about Photoshop?