

PhotoMasterTM

Version 1.5.5

User Manual

Contact Information

Information on PhotoMaster, as well as other Pacific Coast Software products, can be found by visiting our Web site at <http://www.pacific-coast.com>. Register your copy of PhotoMaster by sending an e-mail message, with “Registration” in the subject field and your name, company, address, and e-mail address in the contents, to “photomaster@pacific-coast.com”. Technical support may be obtained by sending your question to “support@pacific-coast.com”

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Elements:
 thumbnail *by numeric index*
Properties:
 <**Inheritance**> *document [r/o]*

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update: Adds thumbnails of each of the specified image files to the catalog

update *catalog*

with *alias* -- file or folder to be added to catalog

preview: Opens a preview window that displays the image at full size

preview *thumbnail*

Class thumbnail: A record in a catalog

Plural form:

thumbnails

Properties:

name *string* [r/o]

path *string* [r/o]

alias *alias* [r/o]

thumbnail *picture* [r/o]

bounds *bounding rectangle* [r/o]

modification date *string* [r/o]

creation date *string* [r/o]

size *integer* [r/o]

type *type class* [r/o]

creator *type class* [r/o]

width *integer* [r/o]

height *integer* [r/o]

number of colors *integer* [r/o]

caption *string*

classification *string*

rotation *upright/clockwise/counterclockwise/upside down*

Class catalog: PhotoMaster document that contains thumbnails

Elements:

catalog *by numeric index, by name*

document *by numeric index, by name*

window *by numeric index, by name*

Class document: PhotoMaster catalog

Elements:

thumbnail *by numeric index*

Class window: A window

Properties:

bounds *bounding rectangle -- the boundary rectangle for the window*

closeable *boolean [r/o] -- Does the window have a close box?*

titled *boolean [r/o] -- Does the window have a title bar?*

index *integer -- the number of the window*

floating *boolean [r/o] -- Does the window float?*

modal *boolean [r/o] -- Is the window modal?*

resizable *boolean [r/o] -- Is the window resizable?*

zoomable *boolean [r/o] -- Is the window zoomable?*

zoomed *boolean -- Is the window zoomed?*

visible *boolean -- Is the window visible?*

PhotoMaster: Custom objects specific to PhotoMaster only

Installation

Install PhotoMaster by copying the PhotoMaster folder to your local hard drive. In addition to the PhotoMaster application, the folder contains a Read Me file that lists the latest features and updates to the program, and a folder of sample images. PhotoMaster requires the Macintosh QuickTime system extension in order to launch. Consult your owner's manual for information on how to install QuickTime from your system software disks or CD.

Getting Started

Launch PhotoMaster by double-clicking on the application. Create a new image catalog by selecting "New..." from the File menu. Enter a name for the catalog and click "Save". An empty window will open with an information bar at the top. Images may be added to the catalog in a variety of ways. The most straightforward method is to select "Add/Update..." from the File menu and select a folder or drive for PhotoMaster to "scan". For this example, select the "Images" folder included in the PhotoMaster folder. A status dialog will appear listing PhotoMaster's progress in scanning the specified folder. PhotoMaster imports image files in all the standard file formats (EPS, TIFF, PICT, GIF, JPEG, to name a few). In addition, PhotoMaster uses any installed Claris XTND filters to import files in other formats if the "Use XTND" option is checked in the Preferences dialog box. The status dialog displays a thumbnail preview for all images

imported into the catalog. Unchecking the “Show Thumbnails” option in the status dialog will speed up the scanning process.

After the folder has been scanned, the catalog window will contain thumbnails for all the images found. It is important to note that PhotoMaster does not import the entire image; it merely saves a low resolution thumbnail of the image in the catalog and keeps an alias to the original file on your drive. The catalog may be viewed in three ways. The default method is similar to a photographer’s contact sheet. Depending upon the situation, it may be more useful to view the images in a list format. Select “Text List” from the View menu to see this option. The final viewing method allows you to view the catalog as a slide show. Select “Slide Show” from the View menu and click “Start” when the Slide Show dialog appears. Cancel the slide show by typing Command-Period.

Select the contact sheet viewing method and click on an image. Select “Show Detail” in the View menu (or click on the expander icon in the upper right hand corner of the catalog window). The window will expand to include detailed information about the currently selected image. As you select other images, the information will change. Two fields, Caption and Classification, are general purpose text fields that you can use to describe the image. For example, select the Pacific Coast Software logo and type “Pacific Coast Software Logo, Ocean, Sea, Wave” in the Caption field. Type “Sample” in the Classification field.

Appendix A

PhotoMaster supports the Required Suite of Apple Events, a subset of the Standard Suite, and a custom suite.

Required Suite: Terms that every application should support.

open: Open the specified object(s)

open *alias -- list of objects to open*

print: Print the specified object(s)

print *alias -- list of objects to print*

quit: Quit application

quit

run: Sent to an application when it is double-clicked

run

Subset of the Standard Suite: Common terms used in this application.

close: Close an object

close *reference -- the object to close*

count: Return the number of elements of a particular class within an object

count *reference -- the object whose elements are to be counted*

each *type class -- the class of the elements to be counted*

Result: *integer -- the number of elements*

delete: Delete an element from an object

delete *reference -- the element to delete*

Class application: An application program

Sort

When you sort a catalog, PhotoMaster arranges the order of the images in alphabetic or numeric order depending upon the field. A sort option of “None” leaves the images in the order they were imported. You may not sort on the Caption field since the keywords may not be in any particular order. The Classification field, however, is used as a convenient means of providing a custom sorted order and is often a single word. If multiple words are used, the most general term should be first, followed by the specific classifications. The Manual sort option allows you to click and drag images to a new location in the catalog. Each time you select “Manual” in the Sort menu the last manual ordering will be displayed.

PhotoMaster provides two keyword fields so you can perform searching and sorting on different fields. This is very useful if you have multiple images that are different, but belong together logically. Thus you can provide unique keywords for all the images in the Caption field, but label all of them as “Sample” in the classification field. If you later wanted to find a picture of a wave, you could search the Caption field for “Wave”. Or, if you wanted to find all the sample images that came with PhotoMaster, you could search the Classification field for “Sample”.

The default search is to find all the images in a catalog. The Find pop-up menu in the information bar has “Everything” selected. In order to search a catalog for specific images, select the field to search in the Find menu. Select “Caption” for this example. A pop-up menu that describes the boolean operator used for the search, and a text field, appear after Find. The “Contains” option in the Boolean pop-up menu will look for a match anywhere in the Caption field. Type “Wave” in the text field and hit return. PhotoMaster searches the Caption field of all the images for the word “Wave”. Since the Pacific Coast Software logo is the only image with that word in the Caption field, all the other images disappear. The number in the upper right hand corner of the image information bar shows that 1 image out of 5 matched the search criteria. Find all the images again by selecting “Everything” in the Find menu.

In addition to searching, PhotoMaster allows you to sort your catalog as well. You may sort by all fields except the Caption field. This is due to the fact that sorting takes place alphabetically (or numerically depending upon the field) and does not make sense for fields with many keywords. However, the Classification field allows you to easily categorize your images and sort on those categories. Custom sorting orders for a catalog are also possible by selecting “Manual” in the Sort menu. The manual option allows you to move images (by clicking and dragging them) into a custom order. For example, you can click the credit card image and drag it between the SiteEdit log and PhotoMaster logo. The space between the images will flash when the image is dragged between them. Select “None” in the Sort menu to return to the default order of the catalog. Note that if you select “Manual” again later the last manual sorting order will be displayed.

Although the images in a PhotoMaster catalog are low resolution thumbnails, you can preview the full size image by selecting an image and choosing “Preview” from the Picture menu. You can quickly edit the image by selecting “Edit Original” from the Picture menu. PhotoMaster will launch the application that created the image and open the intended file automatically. Another handy feature is the ability to quickly find the original image. Select the image in the catalog and choose “Find Original” in the Picture menu. PhotoMaster will automatically open the proper folder in the finder and select the original file.

the currently visible set. The Find pop-up menu allows you to search a specific field of image information. When searching the Name, Location, Caption or Classification fields, you can select how the keyword search will be performed by choosing the appropriate operator in the pop-up menu to the right of the Find menu. Perform the search by entering the text to search for and hitting “Return”. The Contains option in the Operator menu will find any occurrence of the term entered in the text field in the selected field. Likewise, the Doesn’t contain option will only find images that do not contain the text entered. Begins with and Ends with allow you to search for text at the beginning or ending of the selected field respectively. Greater than and Less than perform an alphabetic comparison (where “b” is greater than “a” and so on). When Mod Date or Creation date is selected in the Find pop-up menu, PhotoMaster will compare the date entered in the text field to the date the file was last modified or the date the file was first created respectively.

The number of items found in a search appears as the first number in the image counter in the upper right hand corner of the catalog window. The second number (denominator) is the total number of images in the catalog. You can find all the images by selecting “Everything” in the Find menu.

Style, then images in the catalog may be rotated by clicking on the arched arrow in the corner upper left hand corner of the slide mount border. Type Command-R as a keyboard short-cut.

Edit Original

The application that created the currently selected image will be launched and the image file opened.

Find Original

The folder that contains the currently selected image will be opened in the Finder and the original file selected.

Play Sound

The sound annotation for the currently selected image will be played.

Add Sound...

Opens the standard sound recording dialog box so you can add a sound annotation to the currently selected image. If "Standard" is selected in the Mount Style menu you can record a sound by clicking on the microphone icon in the lower right hand corner of the slide mount.

Catalog Window

Find

The Find option allows you to search for specific images in a catalog. All the found images become

PhotoMaster takes advantage of all the latest Macintosh capabilities including AppleScript and Drag and Drop. Information on PhotoMaster's AppleScript features can be found in an appendix to this document. Folders or drives can be dragged from the finder to a PhotoMaster catalog window as an easy way of initiating the scanning process. Create a new window and select the "Images" folder. Drag the folder over the new window. The Progress dialog will appear and all images in the folder will be added to the new window. Images may also be dragged between PhotoMaster catalog windows as a means of copying files from one catalog to another. Note that PhotoMaster does not allow you to add the same file to a catalog more than once. Create another new catalog and drag the Pacific Coast Software image over the new window. The file (and therefore thumbnail) will be added to the new catalog. You may delete an image from the catalog, and delete it from your drive, by dragging an image from a catalog into the garbage can in the Finder. Lastly, Drag and Drop is useful for quickly placing images into other documents. Other applications that are Drag Aware will accept and import images dragged from a PhotoMaster catalog. For example, Adobe's PageMill™ is Drag Aware. Launch PageMill and create a new document. Select an image from a PhotoMaster catalog and drag it over the PageMill document. The picture will automatically be imported onto the page.

PhotoMaster allows you to easily export images and their information for use on the World Wide

Web. Open the original PhotoMaster catalog containing the sample images. Select “Export...” from the File menu. The Export dialog box appears with three export options. First, PhotoMaster can export the currently found images (perhaps a subset of the entire catalog) as a new PhotoMaster catalog. The second option allows you to export all the image information, including Caption and Classification field, in a tab delimited text format. This information can then be used with Pacific Coast Software’s WebCatalog application, for example, in order to provide a searchable catalog on the Web. The final Export option is in HTML.

Exporting a PhotoMaster catalog to HTML allows you to quickly create pages that can be placed on your Web site. PhotoMaster creates an HTML document with a table the same number of columns as the catalog window and as many rows as necessary to accommodate all the found images. All the image thumbnails are converted to JPEG or GIF (depending on the option selected in the Export dialog) and placed in the HTML table. If GIF is selected you can choose whether the images are interlaced or not. If “Include File Names” is checked then the name of the image is placed beneath each thumbnail as well. If “Include full-size Originals” is selected then the original images are converted to JPEG or GIF format (whichever is selected) and hypertext links are built between the thumbnails on the HTML page and the original files. When PhotoMaster performs an HTML export it creates the HTML catalog page with the specified file name in the location you choose. A

Button Bar

The Button Bar is a floating palette that allows you to control the PhotoMaster catalog. The arrow keys allow you to jump to the first item in the catalog, move to the left one item, move to the right one item, and jump to the list item in the catalog respectively. The speaker icon will play the sound annotation for the currently selected image. The microphone icon allows you to record a sound annotation for the currently selected image. The magnifying glass will display the full size preview for the currently selected item. The delete sound icon will delete the sound annotation for the currently selected image. Type Command-B as a keyboard short-cut.

[Window List]

A list of all the currently open PhotoMaster catalogs appears at the end of the View menu. Selecting a particular catalog will make that window the front-most catalog.

Picture Menu

Preview

A preview window will display the full size image of the currently selected picture. Type Command-E as a keyboard short-cut.

Rotate

Rotates the currently selected image 90° counter clockwise. If “Standard” is selected as the Mount

Slide Show

Displays the found set of images in the catalog, in the currently sorted order, as a slide show. The Slide Show dialog box allows you to set the amount of time to Pause while viewing each image, whether or not to play any sound annotations for the image, whether to shrink large images, whether to loop back to the beginning of the found set after the last image, and whether to hide the Macintosh Menu Bar during the display. A slide show may be cancelled at any time by typing Command-Period. Type Command-L as a keyboard short-cut for Slide Show.

Show Detail

Expands the top of the catalog window to show all the information about the currently selected image. This option can also be chosen by clicking the expander icon in the upper right hand corner of the catalog window. Image information includes the Name of the file and the Location (complete file path) of the file. The Caption and Classification fields allow you to enter searchable keywords and sorting keywords respectively to the image. Next to the preview for the image is information about the pixel width and height of the image as well as the horizontal and vertical DPI (dots/pixels per inch). The color depth (Bits/Pixel) is displayed with the total size of the image in Bytes. Lastly, the file type and creator are listed. Type Command-D as a keyboard short-cut.

new folder is created called “Thumbnails” that contains all the thumbnail images for the table. If “Include Full-size Originals” is selected then a separate folder named “Originals” is created with the original files. The HTML file and folders must stay together (but can be moved to a different folder) for the links to remain valid.

You can use the Export option to convert individual images into a JPEG or GIF format by searching for the specific file name and exporting the found set.

Command Reference

Apple Menu

About PhotoMaster™...

Displays the PhotoMaster splash screen which includes Pacific Coast Software's Web address.

File Menu

New...

Creates a new PhotoMaster catalog. Type Command-N as a keyboard short-cut.

Open...

Opens an existing PhotoMaster catalog. Type Command-O as a keyboard short-cut.

Close

Closes the front-most PhotoMaster catalog window. Clicking the Close Box in the upper left hand corner of the window or typing Command-W will close the window as well.

Add/Update...

Allows you to select a folder or drive that PhotoMaster will scan for images. PhotoMaster will search all files and folders within the specified folder or drive for valid image files. Valid image files are those that PhotoMaster knows how to import itself (EPS, TIFF, PICT, GIF, JPEG, Scitex, PhotoShop 2.5 or earlier, PhotoCD, and QuickTime movies) and those that can be imported

default this option is turned off since some XTND filters incorrectly import certain files.

View Menu

Contact Sheet

If selected, the contents of the current catalog are viewed as a list of thumbnails. The width of the catalog window determines how many columns the contact sheet will be. Type Command-S as a keyboard short-cut.

Mount Style

If the current View method is Contact Sheet, then Mount Style allows you to select the type of border around each image.

Thumbnail Size

If the current View method is Contact Sheet, then Thumbnail Size allows you to select the resolution (size) of the thumbnail shown on screen. Note that this is different than the thumbnail size chosen in the Preferences dialog. This option will enlarge or reduce the thumbnail created at the resolution (size) chosen in the Preferences dialog box. Thus if "Icon" is chosen in the Preferences and "Large" is selected in Thumbnail Size, the image will appear pixelated.

Text List

Displays the contents of the catalog in a text-only list format. Type Command-T as a keyboard short-cut.

Paste

Pastes the current contents of the clipboard into the catalog. If text is selected then the appropriate action will occur. Type Command-V as a keyboard short-cut.

Clear

Deletes the current selection in PhotoMaster.

Sound

Since all images can have sound annotations, you can cut, copy, and paste sound information independently of the image information. The Sound edit operations only act on sound information.

Select All

Selects all the text in the current text box. Type Command-A as a keyboard short-cut.

Catalog Prefs...

Opens the PhotoMaster Preferences dialog box. Current preferences allow you to select the resolution (size) of the thumbnail created when PhotoMaster scans for images, and the compression method used to compact the thumbnails. Note that PhotoMaster allows you to select from the currently installed QuickTime compression methods.

When the “Use XTND” checkbox is checked then PhotoMaster will import file formats supported by your currently installed XTND filters. By

using using the currently installed Claris XTND translators (if the “Use XTND” option is checked in the Preferences dialog box). Images already included in the current catalog will not be imported. Type Command-U as a keyboard short-cut.

Export...

Opens the Export dialog box that allows you to export the current found set of images (perhaps a subset of the entire catalog) in three different ways. First, PhotoMaster can export the currently found images as a new PhotoMaster catalog. The second option allows you to export all the image information, including Caption and Classification field, in a tab delimited text format. The final Export option is in HTML. Exporting a PhotoMaster catalog as HTML allows you to quickly create pages that can be placed on your Web site. PhotoMaster creates an HTML document with a table the same number of columns as the catalog window and as many rows as necessary to accommodate all the found images. All the image thumbnails are converted to JPEG or GIF (depending on the option selected in the Export dialog) and placed in the HTML table. If GIF is selected you can choose whether the images are interlaced or not. If “Include File Names” is checked then the name of the image is placed beneath each thumbnail as well. If “Include full-size Originals” is selected then the original images are converted to JPEG or GIF format (whichever is selected) and hypertext links are built between the thumbnails on the HTML page and the original files. When PhotoMaster performs an

HTML export it creates the HTML catalog page with the specified name in the specified location. A new folder is created called “Thumbnails” that contains all the thumbnail images for the table. If “Include Full-size Originals” is selected then a separate folder named “Originals” is created with the original files. The HTML file and folders must stay in the same relative hierarchy (but can be moved to a different folder) for the links to remain valid.

Verify Catalog

Checks all the images in the current found set to see if the original file has modified in some way. If the original file has changed, a new thumbnail for the image is created.

Update Thumbnail

Checks the currently selected thumbnail to see if its original file has been modified. If modified, a new thumbnail is created.

Page Setup...

Displays the Page Setup dialog box for the currently selected printer driver (selected in the Chooser).

Print...

Displays the Print dialog box for the currently selected printer driver (selected in the chooser). The currently found set of images in the catalog will be printed. The printed catalog will appear exactly as it appears on screen.

Quit

Closes all open windows and quits PhotoMaster.

Edit Menu

Undo

Currently no operations are undoable.

Cut

Will delete the currently selected image from the catalog and place all the information about the image on the Clipboard. (Selecting an image and hitting the delete key will delete the image from the catalog without copying its information to the Clipboard). You can then paste the image into another catalog. If you paste the image into another application the full size original image is placed. If text is selected the appropriate action will occur. Type Command-X as a keyboard short-cut.

Copy

Will copy the currently selected image from the catalog and place all the information about the image on the Clipboard. You can then paste the image into another catalog. If you paste the image into another application the full size original image is placed. If text is selected then the appropriate action will occur. Type Command-C as a keyboard short-cut.