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KODAK BROWSER Software provides a familiar, menu-driven interface that allows images stored on PhotoCD Catalog discs to be displayed, searched, and exported to existing software applications

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## **About BROWSER**

About BROWSER from the Help menu displays a welcome screen showing the BROWSER software version number and application copyright information.

*See also:*        [Help Menu](#)

## **Application Window**

All actions occur in the BROWSER software application window. You display the contact sheet window in the application window, and the window also contains the BROWSER software menus.

*See also:* [Contact Sheet Window](#)

## **Backing Up Catalog Files**

You should have at least one up-to-date backup copy of each catalog saved on your hard disk. The backup should be stored on a different medium from your working catalog.

## **Catalog Menu**

The Catalog menu commands allow you to view thumbnail information.

**Get Info Sheet** (CTRL+I) displays file information, user information, keywords, and the caption for a thumbnail selected from the contact sheet window.

## **Clear**

You use Clear from the Edit menu to remove the selected thumbnail and all associated image information from the catalog. Clear does not place the thumbnail or the image information on the Clipboard. You can reverse the clear action by immediately choosing Undo from the Edit menu (CTRL+Z).

*See also:*      [Delete Thumbnails](#)

## **Clipboard**

The Clipboard provides a temporary storage area for photos that you have copied from a photo window.

The Clipboard holds only one object at a time, which it stores in the application memory. The size of the photo that you can transfer to the Clipboard depends on the amount of available application memory. Copying a high-resolution (large) photo to the Clipboard requires a large amount of memory. If you do not have sufficient application memory for the size of the photo being copied, save the photo to a file and then import the photo into your application, rather than copying it to the Clipboard.

Choose Show Clipboard from the Edit menu to see the contents of the Clipboard.

## **Close**

You use Close from the File menu (CTRL+F4) to close the active contact sheet window. If any changes were made to a catalog since the last save, BROWSER software displays a dialog box asking you if you want to save the changes before closing. If no changes were made, BROWSER software closes the window without displaying a dialog box.

You use Close from the photo window Control-menu (CTRL+F4) to close the active photo window.



## **Copy**

You use Copy from the Edit menu (CTRL+C) to copy an entire photo or a portion of a photo that is displayed in a photo window. Photos copied to the Clipboard can be pasted into WINDOWS software applications that support the Clipboard copy and paste functions. You can also use Copy to move thumbnails between catalogs.

Using the Copy command makes a copy of the selected photo, or one or more thumbnails, and all associated image information, and places it on the Clipboard without removing the content files from the source catalog. Choose Show Clipboard from the Edit menu to see the contents of the Clipboard.

You use the copy keyboard accelerator CTRL+C to copy caption text from the Caption field. Caption text can be pasted into another Caption field in the same catalog or into the Caption field in another catalog.

## **Copy Entire Photo**

You can copy the entire photo displayed in a photo window to the Clipboard. Photos copied to the Clipboard can be pasted into any application that supports WINDOWS software copy and paste functions. To copy a displayed photo, choose Copy from the Edit menu (CTRL+C) to copy the photo to the Clipboard without first drawing a Copy Marquee.

Using the Copy command makes a copy of the selected photo and places it on the Clipboard without removing the photo from the photo window. Choose Show Clipboard from the Edit menu to see the contents of the Clipboard.

*See also:*      [Copy Portion of a Photo](#)

## **Copy Portion of a Photo**

You can copy a portion of the photo from a photo window to the Clipboard. A photo copied to the Clipboard can be pasted into any application that supports WINDOWS software copy and paste functions.

To copy a portion of the photo, create a selection region by clicking the arrow cursor in the upper-left corner of the area you want to copy and dragging the cursor down and to the lower-right corner of the photo. Choose Copy from the Edit menu (CTRL+C). Only the portion of the photo within the copy marquee copies to the Clipboard. To remove the copy marquee, click the arrow cursor anywhere outside the marquee

Choose Show Clipboard from the Edit menu to see the contents of the Clipboard.

*See also:*        [Copy Entire Photo](#)

## **Copy Thumbnails Between Catalogs**

You use Copy from the Edit menu (CTRL+C) to copy one or more thumbnails from one catalog or contact sheet window to another. Using the Copy command makes a copy of the selected thumbnail and all associated image information and places it on the Thumbnail Clipboard without removing the thumbnail from the source catalog. You can also move thumbnails between catalogs by using the drag-and-drop method.

You use Preferences from the File menu (CTRL+K) to select whether BROWSER software automatically creates and copies any missing field names from the source catalog into the destination catalog or if only matching fields are copied.

To paste the copied thumbnail from the Clipboard, click the title bar of the destination catalog and choose Paste from the Edit menu (CTRL+V)

*See also:*      [\*Drag-and-Drop to Move Thumbnails\*](#)  
[\*Preferences\*](#)

## **Cut**

You use Cut from the Edit menu (CTRL+X) to remove the selected thumbnail and all associated image information from a catalog. You use the keyboard accelerator CTRL+X to cut caption text from the Caption field. To reverse the Cut action, choose Undo from the Edit menu (CTRL+Z).

Cut places the thumbnail and image information on the Clipboard. The selection remains on the Clipboard until you cut or copy another selection. Choose Show Clipboard from the Edit menu to see the contents of the Clipboard (note that the thumbnail clipboard is a private format and is not displayable). You can paste a cut thumbnail from the Clipboard into another catalog.

*See also:*        [Delete Thumbnails](#)

## **Crop**

You use Crop from the Edit menu to remove areas of a displayed photo that you do not want to include in the final output. To reverse the crop action or to remove the crop marquee, choose Undo from the Edit menu (CTRL+Z).

To crop a photo, first create a selection region on the photo by clicking the arrow cursor in the upper-left corner of the area you want to crop and dragging the cursor down and to the lower-right corner of the photo drawing.

Adjust the crop marquee by placing the arrow over the edge of the marquee and dragging the marquee edge inward to reduce the marquee and outward to enlarge it. To adjust the marquee without adjusting its size, click the arrow inside the marquee and, while holding down the mouse button, drag the marquee to position it.

Choose Crop from the Edit menu to crop the photo.

The cropped photo replaces the original photo in the photo window. The cropped photo can be saved to your hard disk, copied to the Clipboard, or printed.

## **Delete Thumbnails**

You can select thumbnails in the contact sheet window and remove them from your catalog. To delete thumbnails, click the thumbnail to select it and choose Cut or Clear from the Edit menu.

**Clear** removes the selected thumbnail and all associated image information from the catalog, but does not place it on the Clipboard.

**Cut** (CTRL+X) removes the selected thumbnail and all associated image information from the catalog and places it on the Clipboard.

You can reverse the clear or cut action by immediately choosing Undo from the Edit menu (CTRL+Z).

## Deselect Thumbnails

You can use both keyboard and mouse actions, as well as the Deselect command from the Display/Select menu to deselect thumbnails from the active contact sheet window. When you deselect thumbnails, the highlighted border around all deselected thumbnails is removed.

To deselect a single thumbnail or all the thumbnails:

**Individual Thumbnails** Hold down the SHIFT key and click the thumbnails that you want to exclude from your selection. You can also use the keyboard arrow keys to deselect thumbnails. Hold down the SHIFT key, use the arrow keys to move the selection frame to the thumbnail you want to deselect, and press the SPACE BAR to deselect each thumbnail.

**All Thumbnails** Choose Deselect from the Display/Select menu to cancel all thumbnail sections. You can also click any one of the selected thumbnails to deselect all the thumbnails with the exception of the thumbnail on which you clicked.

## **Display All**

You use Display All from the Display/Display menu to display all thumbnails in the contact sheet window and to redisplay all thumbnails in the contact sheet window following a search.

## Display Menu

The Display menu commands allow you to search the catalog database; to display, select, and mark thumbnails; to sort thumbnails using BROWSER software assigned fields; and to set and start a slide show.

**Search** (CTRL+F) allows you to search the information assigned each thumbnail during indexing.

**Display** provides a cascading list of display commands that you use to select thumbnails for display in the contact sheet window.

**Select** provides a cascading list of commands that you use to select thumbnails for display in the contact sheet window.

**Mark** provides a cascading list of commands that you use to place a semipermanent checkmark on all the thumbnails or only on selected thumbnails.

**Sort By** provides a submenu of fields that can be used to sort thumbnails in the catalog.

**Set Slide Show** provides a dialog box that you use to select the timing of the slide show, choose whether you want a sound file to accompany the slide show, and determine how the thumbnails will appear in the slide show.

**Start Slide Show** (CTRL+L) begins the slide show.

## **Display Marked**

You use Display Marked from the Display/Display menu to change the contact sheet window to display only those thumbnails that are currently marked.

## **Display Selected**

You use Display Selected from the Display/Display menu to change the contact sheet window to show only those thumbnails that are currently selected.

## **Drag-and-Drop to Move Thumbnails**

You can move thumbnails from one catalog or contact sheet window to another. To move thumbnails, select the thumbnails, hold down the mouse button, and drag the thumbnails from the source catalog to the destination catalog. A marquee containing a parachute icon indicates that the thumbnails are selected and being transferred.

The thumbnails and all associated image information transfer to the destination catalog and also remain in the source catalog.

You use Preferences from the File menu (CTRL+K) to select whether BROWSER software automatically creates and copies any missing field names from the source catalog into the destination catalog or if only matching fields are copied.

See also: *Copy Thumbnails Between Catalogs*

*Preferences*

## **Edit Menu**

The Edit menu provides commands to undo or redo the last action for supported features; to cut, copy, paste, and clear thumbnails; to crop a photo; and to show the contents of the Clipboard.

**Undo** (CTRL+Z) cancels the effects of the last action.

**Cut** (CTRL+X) removes the selected thumbnail and all associated image information from a catalog and places it on the Clipboard.

**Copy** (CTRL+C) puts a duplicate of the selected thumbnail or the displayed photo in a photo window on the Clipboard. The original thumbnail or photo remains unchanged.

**Paste** (CTRL+V) places the contents of the Clipboard in the destination catalog or document.

**Clear** removes the selected thumbnail and all associated image information from the catalog, but does not place the thumbnail and image information on the Clipboard.

**Crop** removes areas of a displayed photo that you do not want to include in the final output.

**Show Clipboard** displays the Clipboard and allows you to see the current contents of the Clipboard.

**Exit**

You use Exit from the File menu (ALT+F4) to exit the BROWSER software application.

## **File Menu**

The File menu provides commands allow you to open a new contact sheet window or an existing catalog; to load digitized images in a contact sheet that are stored on a Photo CD Master disc or a Photo CD Catalog disc; to close the active window; to save catalogs and selected thumbnails to the hard disk; to customize contact sheet window settings; to assign catalog merge options; and to quit the application.

**New** (CTRL+N) opens an empty contact sheet window on the program desktop. You can create your own project catalogs by copying images from different Photo CD or Photo CD Catalog disks to this new contact sheet, then saving it

**Open** (CTRL+O) opens an existing catalog saved to your disk.

**Load Contact Sheet** loads images that are stored on the Photo CD disc in a new contact sheet window.

**Close** (CTRL+F4) closes the active window.

**Save** (CTRL+S) allows you to save changes to an existing catalog file by replacing the previous version with the current version.

**Save As** allows you to save a new catalog or to save changes to an existing catalog by renaming the catalog and by changing its location. You can save the catalog to the hard disk or to another storage medium.

**Save Selected As** allows you to save a catalog of thumbnails selected from the contact sheet window.

**Thumbnail Layout** you to change contact sheet window display preferences, including thumbnail size, tile width and height, thickness of the decorator frame, background and font color, and fonts used to display thumbnail labels. You can also assign up to four labels to display on the thumbnails.allows

**Preferences** (CTRL+K) allows you to assign catalog merge options that control how thumbnails and the data indexed about them are handled when you copy thumbnails between catalogs.

**Exit** (ALT+F4) exits the BROWSER software application.

## File Types

You can save a photo displayed in the photo window in any one of these file types:

|      |  |
|------|--|
| BMP  | MICROSOFT WINDOWS software device-independent bitmap |
| GIF  | Graphics Interchange Format                          |
| PCX  | PC Paintbrush  |
| PICT | MACINTOSH Picture                                    |
| TGA  | Targa File Format                                    |
| TIFF | Tagged Image File Format                             |
| WPG  | WordPerfect Graphics                                 |

*See also:*      [Save Object As](#)

## **Get Info Sheet**

You use Get Info Sheet from the Catalog menu (CTRL-I) to view file information, user information, keywords, and the caption for thumbnails selected from the contact sheet window.

Use the drop-down list box at the top to select the kind of information you wish to view, and use the VCR - like controls to move through the selected thumbnails.

- > Moves forward by one
- < Moves back by one
- >> Moves to the end of the selection
- << Moves to the beginning of the selection.

See also: [Contact Sheet Window](#)

## Help Menu

The Help menu provides four commands:

**Index** (F1) provides an overview of Help topics. When you click Search in the Help window, BROWSER software displays an alphabetical listing of Help topics that provides information on specific software features, menus, commands, and procedures.

**Using Help** provides instructions on using WINDOWS software Help functions.

**Ordering Help** provides instructions on ordering high resolution originals of the images displayed on Photo CD Catalog disks. It is grayed out when other disks are viewed.

**About BROWSER** displays a welcome screen showing the BROWSER software version number and application copyright information.

## **Introduction**

KODAK BROWSER Photo CD Image Manager is a graphical database application that allows you to display, search, and retrieve thousands of digitized images that are stored on KODAK Photo CD Master discs or Photo CD Catalog discs bearing the Photo CD symbol. KODAK Photo CD discs provide an ideal medium for storing high-quality photographic images captured with 35mm film.

Photo CD Master discs store images at five resolutions.

Photo CD Catalog discs store thousands of low-resolution images.

BROWSER software allows you to create an unlimited number of multimedia catalog files; to store up to 30,000 files in each catalog, to search the database; to display, and copy thumbnails in the contact sheet window; to display, zoom, crop, and copy photos displayed in a photo window; and to create slide shows.

## **Inverse Selection**

You use Inverse Selection from the Display/Select menu to deselect thumbnails already selected and select those thumbnails that were not previously selected.

**Load Contact Sheet**

You use Load Contact Sheet from the File menu to load images stored on the Catalog CD or Photo CD disc into a contact sheet window. Load Contact Sheet provides a convenient way to start a new catalog file or to browse through the images stored on a Photo CD or Catalog CD disc.

**Mark**

A thumbnail can be marked with a semipermanent check mark. This mark stays on the thumbnail when it is saved as part of a catalog. To mark a thumbnail, first select it then pick Mark Selected from the Display menu.

See Also:

*Mark AllMark Selected*

## **Mark All**

You use Mark All from the Display/Mark menu to place a checkmark on all the thumbnails displayed in the contact sheet window.

## **Mark Selected**

You use Mark Selected from the Display/Mark menu to place a checkmark on all the thumbnails you have selected.

## **New**

You use New from the File menu (CTRL+N) to open an empty contact sheet window in the application window. You use the empty contact sheet window to create a new catalog by adding images that are stored on Photo CD Master discs or Photo CD Catalog discs.

## Objects Menu

The Objects menu commands allow you to save a photo or a photo of a thumbnail selected from the contact sheet window in another image file format, and to set PCD resolution and color.

**Save Object As** saves a photo displayed in a photo window or a thumbnail selected in the contact sheet window to the hard disk as a BMP, GIF, PCX, PICT, TGA, TIFF, or WPG file type.

**Set PCD Resolution** provides five different resolutions to change the display size of the photo in a photo window. By default, BROWSER software displays a photo in a resolution of 256 pixels by 384 pixels.

**Set PCD Color** provides four color palettes, three gray palettes, monochrome, and an optimum setting in which to display a photo in a photo window. By default, BROWSER software uses Full Color if your system is configured with a 24-bit or 16-bit display card, and 256 Colors if your system is configured with an 8-bit display card.

## Open

You use Open from the File menu (CTRL+O) to open an existing catalog. BROWSER software automatically displays a contact sheet window and loads the catalog using the default settings saved with the catalog.

Catalog Files on a hard disk contain three elements; .CAT which contains the data, .CAI containing the indexing information and .JPS containing the thumbnails. Note that these three elements of a Catalog File should never be separated. The .CAT file appears in the File Open dialog for the purpose of opening hard disk catalogs.

The List Files of Type drop-down list box also provides two other file types:

**IRT** is a database that exists on Catalog Photo CD discs and which can be used to directly open Catalog Photo CD images, but the preferred method is to use Load Contact Sheet from the File menu.

**OVERVIEW.PCD** is the file that contains the thumbnails of the images on the Photo CD or Photo CD Catalog disc. Opening it will load the contact sheet, but without loading any database information in the case of a Catalog Photo CD. In the case of a Photo CD Catalog disk, several small images may be found stored in each thumbnail or image.

**OVERVIEW.CAT** is the file that contains the thumbnails of the individual images on a Photo CD Catalog disc. Opening it will load the contact sheet, and also open the database.

## **Paste**

You use Paste from the Edit menu (CTRL+V) to paste a thumbnail into the active contact sheet window that was copied or cut to the Clipboard. You also use Paste to transfer a photo from the Clipboard into another catalog or document.

You use the keyboard accelerator CTRL+V to paste caption text that you have copied or cut from the caption field.

## **Photo Window**

BROWSER software lets you view a photo in a photo window in one of the five supported PCD resolutions. To display a photo, double-click a thumbnail in the contact sheet window.. You can display multiple photo windows by holding down the SHIFT key and clicking each thumbnail that you want to display in a photo window. Double-click the last thumbnail in your selection. Multiple photo windows display in a cascade format.

You use Set PCD Resolution from the Objects menu to determine the size of the photo to be displayed in the photo window. You use Set PCD Color from the Objects menu to determine the image type. Once a photo is displayed in a photo window, you can copy it to the Clipboard, print it, or use Save Object As from the Objects menu to save the photo in one of the available file types (BMP, GIF, PCX, PICT, TGA, TIFF, and WPG).

Choose Get Info Sheet from the Catalog menu to view file information, user information, keywords, and the caption for a photo displayed in a photo window.

*See also:* [Contact Sheet Window](#)

[Set PCD Color](#)

[Set PCD Resolution](#)

## Preferences

You use Preferences from the File menu (CTRL+K) to assign catalog merge options. Catalog merge options control how thumbnails and the data indexed about them are handled when you copy thumbnails between catalogs.

**Copy Only Matching Fields** copies only matching fields when you copy thumbnails between catalogs. All other fields are ignored.

**Create Missing Fields in Destination Catalog** automatically creates and copies any missing field names from the source catalog into the destination catalog. By default, BROWSER software activates this check box.

## **Project Catalog**

You can save your own Project Catalogs on your hard disk by opening a New Contact Sheet in the file menu, and copying thumbnails to it from one or more Photo CD Catalog or other Photo CD disks. This allows you to build up personalised catalogs containing your favorite photos from a range of Photo CD Catalogs, and to build separate catalogs for each of your fields of interest.

As an additional advantage, catalogs saved to your hard disk open more rapidly than those on Photo CD Catalog disks, and you can set your own Contact Sheet Preferences (File Menu).

## Reordering Thumbnails

You can reorder thumbnails in the contact sheet window using the Sort By command from the Display menu or manually reposition the thumbnails by using the drag-and-drop method. Reordering thumbnails is helpful when you want to control the order in which thumbnails display during indexing or in a slide show, or the order in which they are saved in a catalog.

The Display/Sort By menu displays a dialog box listing fields that you can use to sort thumbnails in the catalog. To change the sort order, select the field name and click Sort. To reverse the sort action, choose Sort By from the Display menu and click Unsort.

To manually reposition thumbnails, select a thumbnail from the contact sheet window, hold down the mouse button, and drag the thumbnail to the new position. A rectangular marquee containing a cross-hair icon indicates the position of the thumbnail as you drag it across the catalog.

See also: [\*Drag-and-Drop to Move Thumbnails\*](#)  
[\*Sort By\*](#)

## **Save**

You use Save from the File menu (CTRL+S) to save changes to an existing catalog file. Save replaces the previous version with the current version. If you make several additions or changes to a catalog, it is a good practice to make saves at regular intervals.

When you choose Save, a progress indicator appears showing that the catalog is being saved to the current filename. You can continue working on the catalog after the save is completed.

## **Save As**

You use Save As from the File menu to save a catalog to your hard disk or to other storage medium. The Save As dialog box allows you to select the drive and directory where you want the catalog saved and to name the catalog. You can also use the Save As command to make a duplicate copy of an existing catalog.

When you use Save As, the current catalog is renamed to the name under which you saved it. Subsequently, you can use Save to save modifications under the same name.

Save As will save the whole catalog, even if only a selection (for example, the results of a search) is currently displayed. To save a selection, see [Save Selected As](#).

## Save Object As

You use Save Object As from the Objects menu to save a photo of Photo CD images to your hard disk. Photos can be selected from the contact sheet window or a photo can first be viewed in a photo window. Optionally, the photo may be cropped prior to saving. BROWSER software saves the photo in the resolution and image type currently selected in Set PCD Resolution and Set PCD Color from the Objects menu.

The Save Object As dialog box allows you to select a directory, to name the file, and to select a file type. Photos can be saved as BMP, GIF, PCX, PICT, TGA, TIFF, or WPG file types, regardless of their original format.

In some cases the format may not support the image type selected in Set PCD Color, in which case the nearest alternative will be used. For instance, BROWSER Software will save a 256 color .TGA file if the non-existent 16 color version is requested.

Care should be used in selecting resolution and image type to ensure that quality is good enough for the desired use. If the image is subsequently to be loaded into any other software at a different scale, it should be saved in Full Color or 256 shades of gray modes, even though this uses more hard disk space. The reason for this is the fact that all other image types (256 Color, 16 Color etc.) use a "dithered" dot structure to create a wider range of colors, and this dot structure creates very rough looking scaled images. If you must use a different image type, be sure to use the same setting as your graphics board. For instance, use Full Color or 16 colors for a 16 color VGA graphics board.

*See also:*        [Set PCD Color](#)  
                      [Set PCD Resolution](#)

## **Save Selected As**

You use Save Selected As from the File menu to save a catalog of thumbnails selected from the contact sheet window. The Save Selected As dialog box allows you to select the drive and directory where you want the catalog saved and to name the catalog.

To save the results of a search as a Sub-Catalog, pick Select All from the Display menu, then Save Selected As. Remember that Save As saves the whole catalog, even though part of the catalog may not currently be displayable on the Contact Sheet.

## **Saving Catalogs**

BROWSER software does not automatically save catalogs, so you can always revert to the previously saved catalog by not saving any changes you made to a catalog. It is a good practice, however, to save a catalog after changing catalog settings and moving thumbnails between catalogs.

Whenever you save a catalog, BROWSER software creates three files for each catalog. These files each use the filename assigned the catalog and BROWSER software assigns each file with a different file extension (CAI, JPS, and CAT). Each of these files must be in the directory in order to open a saved catalog.

In addition, BROWSER software makes a temporary update in the catalog database for each thumbnail as soon as you advance from the thumbnail or click OK during indexing. Clicking OK in the Index dialog box closes it, and all changes can be searched immediately. However, your catalog is not updated. To update the catalog, make sure you save the changes when you close the catalog.

To save a part of a Catalog, see [Save Selected As](#).

## Search

You use Search from the Display menu (CTRL+F) to tell BROWSER software how you want the results of the search shown, to set the scope of the search, and to construct search statements. You click the Action Button to start the search. The action the button takes depends on the selection made in the search results pop-up menu.

### Search Entry Area

You use the entry area to complete search statements. BROWSER software always provides a text edit box so you can key in a subject to complete your search statement. Text and List fields also generate entry helper drop-down list boxes, so that values can be selected using the mouse.

### Search Fields

You use the field list drop-down list box to control which fields are displayed in the list. BROWSER software provides three options:

**File Fields** contains information about the content file, such as file size or creation date.

**Catalog Fields** lists user-defined fields, including Keywords and Caption fields.

**All Fields** combines Catalog Fields and User Fields into one list of fields.

### Search Options

By default, BROWSER software searches the entire catalog to locate thumbnails matching your search statement. You use the Options pop-up menu to narrow or enlarge the results of a search.

**Search Entire Catalog** conducts a search of the entire active catalog.

**Search Displayed List** conducts a search only of the thumbnails displayed as a result of the previous search. You use these thumbnails for a new search and include additional search qualifications. In this case, BROWSER software narrows the selection of displayed thumbnails to only those matching the new search statement.

**Add to Displayed List** keeps the thumbnails displayed in the contact sheet window and enlarges the selection by searching the entire catalog using a new search statement. BROWSER software adds thumbnails matching the new search statement to the displayed list.

### Search Query Links

You use the Query Link drop-down list box from the Search dialog box (CTRL+F) to change the conjunction between search elements and to join multiple search statements.

**And** links words or phrases of equal rank. When you use *And*, the search results contain only thumbnails that match all the criteria connected by *And*. You can also use the *And* option button located above the entry helper menu in the Search dialog box to link words or phrases in the search statement.

**But Not** selects thumbnails that meet a certain set of criteria while excluding those that meet another set of criteria. The search results exclude thumbnails that meet the criteria following the *But Not*.

**Or** broadens the search to retrieve thumbnails that meet either of the two surrounding search criteria. You can also use the *Or* option button located above the entry helper list to connect the two search statements.

### Search Results

The results of a search can be displayed, counted, selected, or marked. By default, BROWSER software displays the results of your search in the contact sheet window. You use the search results drop-down list box to change how BROWSER software returns the results of the search.

**Count** counts all thumbnails that match the search statement and displays the number matching the search statement in the upper-right corner of the Search dialog box.

**Display** shows all thumbnails in the contact sheet window that match the search statement.

**Mark** places a checkmark on each of the thumbnails that matches the search statement. Any previously marked thumbnails also remain marked.

**Select** highlights each of the thumbnails that matches the search statement. Any previously selected thumbnails are deselected unless they match the search statement.

### Search Statements

When constructing search statements, you apply the same basic rules as you do when writing sentences. You can construct a simple search statement or a sophisticated search statement. You use a selection from each of the three columns in the Search dialog box to construct the search statements.

**Simple Search Statement** contains a subject (Column 1 of the search dialog box), a verb (Column 2 of the search dialog box), and a subject descriptor (Column 3 of the search dialog box) connected by the *Or* and *And* option buttons.

An example of a simple search statement is: Location equals GENESEO, NY Or ROCHESTER, NY.

**Sophisticated Search Statement** provides the ability to search on more than one field and to include more than one search verb and subject descriptor as search qualifiers. A sophisticated statement is made up of two or more simple search statements linked by the conjunctions *And*, *Or*, and *But Not*.

An example of a sophisticated search statement is: Photographer equals FINK, ALAN But Not ORIENTATION equals VERTICAL.

BROWSER software allows you to enter additional search lines for sophisticated searches, to clear search statements, and to start the search action. You select Add Query to generate an additional search statement line. You use Clear Query to remove the highlighted search statement.

### Search Verb List

You use the search verb list to select the verb phrase element of the search statement. The verb list changes depending on the field you select. By default, BROWSER software displays the most likely choice.

**Begins with** returns thumbnails that begin with the subject (Text and List fields).

**Between** returns thumbnails that fall between the two dates entered (Date field).

**Contains** returns thumbnails that have the subject residing within the field (Text and List fields).

**Does not contain** returns all thumbnails except those that have the subject residing within the field (Text and List fields).

**Does not equal** returns all thumbnails except those that exactly match the subject (Text, List, and Number fields).

**Ends with** returns thumbnails that end with the subject (Text and List fields).

**Equals** returns thumbnails that match exactly the subject (all fields).

**Is after** returns thumbnails that come after the search date (Date fields).

**Is before** returns thumbnails that come before the search date (Date fields).

**Is greater than** returns thumbnails with a higher number than the number entered (Number fields).

**Is greater than or equal to** returns thumbnails with a number larger than or equal to the number entered (Number field).

**Is lower than** returns thumbnails with a lower number than entered (Number fields).

**On or after** returns thumbnails that fall on or after the date entered (Date field).

**On or before** returns thumbnails that fall on or before the date entered (Date field).

## Select

A thumbnail is selected on the contact sheet by clicking on it with the mouse or by moving the cursor to it using the arrow keys and pressing the Space bar. The selected thumbnail has a red border around it. To select multiple thumbnails, hold down the shift key while making the selections.

*See Also:* [Select All](#)

**Select All**

You use Select All from the Display/Select menu to select all thumbnails displayed in the contact sheet window.

## **Select Marked**

You use Select Marked from the Display/Select menu to select all previously marked thumbnails displayed in the contact sheet window.

## **Select Unmarked**

You use Select Unmarked from the Display/Select menu to select all thumbnails displayed in the contact sheet window that have not been marked.

## Set PCD Color

You use Set PCD Color from the Objects menu to select the image type you want to open in a photo window. You must select PCD Color before you double-click the thumbnail in the contact sheet window or choose Save Object As from the Objects menu.

BROWSER software provides four color palettes, three gray palettes, monochrome, and an optimum setting in which to display a photo in a photo window or save a photo to your hard disk. By default, BROWSER software uses Full Color if your system is configured with a 24-bit or 16-bit display card, and 256 Colors if your system is configured with an 8-bit display card.

**Full Color** displays images in full RGB color (24-bit color)..

**256 Colors** displays images using a color palette of 256 colors (8-bit color).

**16 Colors** displays images using a color palette of 16 colors (4-bit color).

**4 Colors** displays images using a color palette of 4 colors.

**256 Shades of Gray** displays images using a color palette of 256 evenly stepped shades of gray (8-bit gray scale).

**16 Shades of Gray** displays images using a color palette of 16 evenly stepped shades of gray (4-bit gray scale).

**4 Shades of Gray** displays images using a color palette of 4 shades of gray.

**Monochrome** displays images as black and white.

**Optimum Colors** uses a palette that best displays the selected image.

## **Set PCD Resolution**

You use Set PCD Resolution from the Objects menu to determine the display resolution (size) of a photo you want to open in a photo window or save to your hard disk. You must select PCD Resolution before you double-click the thumbnail in the contact sheet window or choose Save Object As from the Objects menu. By default, BROWSER software displays a photo using a resolution of 256 pixels by 384 pixels. Other resolutions supported by BROWSER software include:

128 by 192 pixels

256 by 384 pixels

512 by 768 pixels

1024 by 1536 pixels

2048 by 3072 pixels

## Set Slide Show

You use Set Slide Show from the Display menu (CTRL+L) to select the timing of the slide show, to choose whether you want a sound file to accompany a slide show, and to determine how the thumbnails will appear in the slide show. The Set Slide Show dialog box contains several option buttons and check boxes that you use to select slide show preferences.

**Fit in Window** displays the thumbnails to fit the window size of your monitor. The default size is 256 pixels by 384 pixels. You use Set PCD Resolution from the Objects menu to change the display size.

**Loop Mode** continuously displays thumbnails one after the other during the slide show. By default, BROWSER software activates this checkbox.

**Random Overlay** displays the thumbnails on the screen in random positions. Thumbnails remain on the screen as each new thumbnail displays.

**Seconds** allows you to enter the number of seconds you want to elapse before the next thumbnail displays on the screen. The default interval is 10 seconds. This feature applies only if you select Timer from the Timing section of the dialog box.

**Set** stores the slide show preferences so that you can use other features before starting the slide show.

**Start Show** immediately begins the slide show using the thumbnails you selected in the active contact sheet window.

**Timer** controls the length of time thumbnails display on the screen before BROWSER software automatically displays the next thumbnail. By default, BROWSER software sets the timer at 10 seconds.

**Wait for a Click** displays the thumbnails on the screen until you click the mouse button to advance the next thumbnail. By default, BROWSER software activates this option button.

## **Splash Screens**

When BROWSER Software is opened, a splash screen showing the BROWSER Logo and Version number is displayed; in addition, when a Photo CD Catalog Disk is opened, a second splash screen representative of the photos on the disk is displayed. This should serve as a reminder that the photos on the disk are Copyrighted and should not be used without the owner's permission.

## Thumbnail Layout

You use Thumbnail Layout from the File menu to change the width and height of the tile area, choose the size of the thumbnail, select the thickness of the decorator frame, assign up to four labels to appear below each thumbnail, change background and text color, and choose a font and font size. When you first open a Catalog, values used are those which were stored with the catalog.

**Background Color** allows you to change the default background for the contact sheet window or for an existing catalog. You can select either one of the WINDOWS software Basic Colors or Custom Colors, or you can define a custom color.

**Decorator Type** allows you to select whether your thumbnail displays in the contact sheet window with or without a slide mount surrounding the thumbnail. By default, BROWSER software selects Slide Mount.

**Decorator Size** allows you to select the size of the slide mount that surrounds the thumbnail. By default, BROWSER software uses a slide mount size of 140 pixels for a thumbnail size of 112 x 75 pixels.

**Labels** allows you to assign up to four labels to display below each thumbnail. List box selections include information from the File Fields and Catalog Fields. By default, BROWSER software does not assign labels.

**OK** applies the changes only for the active contact sheet window.

**Save Defaults** saves the current settings as the default.

**Text Font and Color** allows you to change text color, to select the font used to show labels on the decorator slide, and to set font size and color. BROWSER software uses the WINDOWS software Font dialog box to customize text and font selections.

**Thumbnail Size** provides a drop-down list box of resolutions from which you select the size in which thumbnails display in the contact sheet window. The default size is 112 x 75 pixels. Size selection also controls the size that BROWSER software uses to build any new thumbnails for content files added to the catalog.

**Tile Height** changes the height of the space allocated to each thumbnail in the contact sheet window. By default, BROWSER software uses 170 pixels.

**Tile Width** changes the width of the space allocated to each thumbnail in the contact sheet window. By default, BROWSER software uses 170 pixels.

**Use Defaults** uses the most recently defined default settings and applies them to the current contact sheet window.

## **Show Clipboard**

You use Show Clipboard from the Edit menu to see the current contents of the Clipboard.

## **Sort By**

You use Sort By from the Display menu to sort thumbnails in the contact sheet window using BROWSER software defined fields. Not all fields provide good candidates for sorting. You should determine if the values in the field will generate your desired results before selecting the field.

To change the sort order, select the field name in the Sort Using Field list box. Click Sort. To reverse the sort action, choose Sort By from the Display menu and click Unsort.

## Start Slide Show

BROWSER software allows you to present a slide show of content files contained in a contact sheet window. The contact sheet window containing the thumbnails you want to include in your slide show must be the active window in order to present a slide show. You can select all the thumbnails in the contact sheet window for the slide show, or you can select specific thumbnails by holding down the shift key and clicking each thumbnail you want to include in the slide show.

If you have saved a catalog containing Photo CD images, you must have the original Photo CD disc in the CD-ROM drive.

You use Start Slide Show from the Display menu (CTRL+L) to begin the slide show. You use the Slide Control directional icons to start and stop the slide show and to advance or reverse the direction of the thumbnails. You can stop the slide show at any time by touching the space bar if necessary to retrieve the control bar, and selecting Quit.

The Control Bar has the following control buttons:

**Quit** stops the slide show and returns to the application window.

**Hide** removes the Slide Control from the slide show window.

**Play** (Timer mode only). Starts automatic playing of the slides

**Reset** displays the first thumbnail in the slide show.

**Prev** Shows previous slide.(You can use the right hand mouse button if the control bar is hidden)

**Next** Shows next slide.(Use the right hand mouse button if the control bar is hidden).

*See also:* [Set Slide Show](#)

## **Undo**

You use Undo from the Edit menu (CTRL+Z) to cancel the effect of the last action. The Undo command is black if available. If the most recent action cannot be reversed, the Undo command is dimmed.

## **Unmark All**

You use Unmark All from the Display/Mark menu to remove the checkmarks from all thumbnails displayed in the active contact sheet window.

## **Unmark Selected**

You use Unmark Selected from the Display/Mark menu to remove the checkmarks from only those marked thumbnails you selected in the active contact sheet window before marking.

## **Windows Menu**

The Windows menu contains the commands to arrange windows in the application window and lists all open windows. The Windows menu also contains the Zoom In and Zoom Out commands when you have a photo displayed in a photo window.

## **Zoom In**

You use Zoom In from the Windows menu to enlarge the photo or a selected portion of the photo by a factor of two (to a maximum of 16:1). You can also use the plus key (+) from the numeric keypad or use the keyboard command ALT+W+I and press the ENTER key to zoom in on a photo.

## **Zoom Out**

You use Zoom Out from the Windows menu to reduce the photo or a selected portion of the photo by a factor of two (to a minimum of 1:16). You can also use the minus key from the numeric keypad or the keyboard command ALT+W+O to zoom out on a photo.



An Accelerator Key is a keyboard action which executes a Windows command. Most accelerator keys are underlined in menu items.

A Catalog is a collection of photos and associated indexing information which can be searched and displayed by Kodak Browser and Shoebox software. A Photo CD Catalog is a catalog published on a Kodak Photo CD disc.

A thumbnail is a postage stamp sized version of a photo, many of which can be displayed on a Shoebox Contact Sheet for visual browsing and comparison.

A Microsoft Windows standard for displaying multiple related Child documents (such as Contact Sheet windows) within one parent window. All menus are in the parent window.

At any moment, only one control in one window is active - this control is often highlighted, and the window is always on top of the heap. The window and control have the FOCUS

A project is a "view" of the catalog which can be saved or retrieved. It is a selected or restricted version of an original catalog, and the original catalog disk must be loaded for the view to be seen.

The decorative surround around a thumbnail - may be changed using "Thumbnail Settings"

Used in conjunction with cut and paste commands to pass images between Windows applications

To cut the useful part from a photo and reject the rest.

A sister Kodak software product to Browser, Shoebox permits the creation of User catalogs, including the ability for the user to define his own fields.

Photo CD resolution is one of the sizes, from 128 x 192 pixels to 2048 x 3072 pixels, at which photos are stored on Photo CD disks.

A Kodak standard for economically storing high quality images on Compact Disks. Photo CD's contain only rudimentary indexing information. See also Catalog.



