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Virtual BookMaker Photo CD Demo
Copyright June, 1992, It's All Relative
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Read the ORDER.WRI file on this disc for information on getting the full version of this demo program. This demo will only display PCD graphics from the CD disc you received this demo on.
To run the Virtual BookMaker Photo CD access module, you must have a XA capable CD rom drive correctly installed on your system and a Kodak Photo CD to view.

To determine if your CD rom drive is capable, try to do a directory on a photo cd. If you get an error, your drive is not XA capable or you have a driver/interface problem. Call Kodak at (800) 242-2424 for the latest information on drives that support the XA standard. If you see two folders called CDI and PHOTO_CD with 0 bytes and 0 bytes free, your ready to go.

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File

This topics tells about menu option "File"
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Load Photo CD Disc...

With a Kodak Photo CD disc in your CD rom drive, click on Load Photo CD Disc. A popup menu will prompt you for a set of 20 thumbnails to view.
01 TO 20
21 TO 40
41 to 60
61 to 80
81 to 100 and higher
Single Photo

01 TO 20

If available on the disc, loads thumbnails for images 1 to 20.

21 TO 40

If available on the disc, loads thumbnails for images 21 to 40.

41 to 60

If available on the disc, loads thumbnails for images 41 to 60.

61 to 80

If available on the disc, loads thumbnails for images 61 to 80.

81 to 100

If available on the disc, loads thumbnails for images 81 to 100. Photo CD images are loaded in groups of 20 up to a maximum of 200 photos.

Kodak has published a maximum of 100 photo images per disc but in actual use more than this amount may fit on a Photo CD disc. If your disc contains more than 100 images you will be able to view them.

Single Photo

Loads a single Thumbnail image from the Photo CD disc. If you know the image number you wish to work with, this is the quickest way to retrieve it.

Select Photo...

After viewing or converting a photo, click on Select Photo to put a thumbnail of each photo back on your screen from memory rather than loading from disc. Unless you change your disc or wish to view a different set of 20 images, this is much quicker than the load function.

View Clipboard

Calls the Windows Clipboard viewer from Virtual BookMaker. Allows you to view the contents of the clipboard. Your clipped image is put into a scrolling Window in the Clipboard viewer.

An image clipped from Virtual BookMaker will be available in the Clipboard in both BMP and DIB format. You can paste either format image into applications that support pasting of graphics in either format. A copy of the color pallete used is also contained in the Clipboard viewer.

Change Photo-CD drive...

Allows you to change the Photo CD disc in setups that contain more than one Photo CD drive or are running a multi-disc changer system. Enter the drive letter of the CD rom drive you wish to use.

You set up the default startup drive for a multi-disc system by setting the drive letter in PROPHOTO.INI by adding a valid drive letter followed by a colon in your PROPHOTO.INI file line that reads CD_Drive=

The PROPHOTO.INI file should be copied to your WINDOWS directory and the program restarted. Each time you run the program, this will become your default startup drive.

Exit

Quit the program and return to Windows. Images which you have cut to Clipboard remain in memory. You must call Clipboard and select Delete from the menu to clear the memory used by Clipboard.

Edit

This topics tells about menu option "Edit"
Rotate
Mirror
Cut Photo to Clipboard

Rotate

Each menu item rotates the photo being viewed by nn degrees. This has no effect on any conversions to other file formats and is for viewing only.

Images can be cut to the Clipboard for use by other programs.
Rotate 0
Rotate 90
Rotate 180
Rotate 270

Rotate 0

Rotate 0 has no effect on the image.

Rotate 90

"Rotate 90" rotates the image 90 degrees.

Rotate 180

"Rotate 180" rotates the image 180 degrees, turning it upside down.

Rotate 270

"Rotate 270" rotates the image 270 degrees.

Mirror

Each menu item mirrors the photo being viewed by nn degrees. This has no effect on any conversions to other file formats and is for viewing only.

Images can be cut to the Clipboard for use by other programs.
Mirror 0
Mirror 90
Mirror 180
Mirror 270

Mirror 0

"Mirror 0" reverses the image left to right.

Mirror 90

"Mirror 90" mirrors the image 90 degrees.

Mirror 180

"Mirror 180" mirrors the image 180 degrees.

Mirror 270

"Mirror 180" mirrors the image 180 degrees.

Cut Photo to Clipboard

"Cut Photo to Clipboard" cuts the current image in your viewport to the Windows Clipboard. The image may be pasted into any application that can use either BMP or DIB images. A copy of the color pallete used for the image is also pasted to the clipboard.

Resolution

Select the resolution of the photo for viewing or converting. The .PCD image pacs contain images in 5 resolutions. After double-clicking on a thumbnail the image is displayed in 768 by 512 resolution as the program default.

128 by 192 Thumbnail
256 by 384 Pixels
512 by 768 Pixels VGA
1024 by 1536 Pixels
2048 by 3072 Pixels

128 by 192 Thumbnail

PCD BASE OVER 16 - a little bigger than the thumbnails originally displayed when the disc was loaded. 128 by 192 pixels in size.

256 by 384 Pixels

PCD BASE OVER 4 - about a quarter screen in size. You can see much of the photo detail.
256 by 384 pixels in size

512 by 768 Pixels VGA

PCD BASE - about the best compromise between size and detail for most conversions, just about full screen in VGA mode. 512 by 768 in size.

When viewing an image in VGA resolution, holding down the right mouse button will display a ZOOM box. Double-clicking the right mouse button will expand the area highlighted by the box to fill your Window. The size of the ZOOM box varies with the size of your viewport window.

To make a larger ZOOM box, Make a larger view Window. The size of your ZOOM box in pixels is reported whenever the right mouse button is held down.

All conversions done while zooming are clipped to the area being zoomed.

1024 by 1536 Pixels

PCD 4BASE - more than a full VGA screen, your image will be clipped to screen size for viewing but will convert to full size beyond what you see on the screen. 1024 by 1536 pixels in size.

More than 6 meg of free memory is required for conversions in this resolution.

2048 by 3072 Pixels

PCD 16BASE - You need a killer system to work with this size. The view screen clips the upper left corner for peeking on normal systems, but will convert to full size beyond what you see on the screen if you have the memory of a small mainframe in your PC. Due to the 16 Meg size restriction of Windows 3.1 the edges of converted photos are clipped. Full size is 2048 by 3072 pixels.

Trying to do a conversion at this resolution will fail without sufficient memory available.

After ZOOMING in a picture, your conversions at this resolution are clipped to the area you have zoomed into and the converted photo image will be the size of your Window's viewport.

Format

Select the color resolution you wish to view and convert in. You can convert to color resolutions beyond what you see on the screen. If your running Windows in 16 color mode, convert a .BMP or .PCX to 256 colors and view from DOS.

On starting the Virtual BookMaker PCD Access module, the best color resolution for your system is automatically selected. This selection of over-ride color types is designed primarily for conversions to other formats including those that exceed the capabilities of your system.
Grayscale
RGB
Paletted Color

Grayscale

PCD Single - 8 bit grayscale for viewing in 256 colors Windows or better.

RGB

PCD RGB - 24 bit Photo YCC format. File sizes can get quite large in this format if you are doing conversions. This is the best format for viewing with true color cards.

Paletted Color

PCD PALETTE - colors are mapped to either 256 or 16 colors.
256 Colors
16 Colors

256 Colors

256 Colors - A good color resolution for viewing on most 256 color Windows systems or DOS. Where possible, use RGB rather than 256 colors as images will load quicker.

16 Colors

16 Colors - Dithering is provided to simulate more colors than the 16 you are viewing. This is an ideal resolution for adding photos to your virtual book or letter as the file size is under 200 K for most photos and 5 to 7 photos can fit on a disk where picture quality is not important.

Convert

Maximum resolution at maximum color format can require huge amounts of memory, up to 16 meg for a 3072 by 2048 image in full color.

If you get a "ToolBox" failure, either you ran out of memory or disk space. If you ran out of disk space, either select a different drive or disk, or delete files to make additional room. You can also drop down one detail level in the Format or Resolution menu and try again.

After doing a conversion, go to the File menu and select another photo for viewing by calling back your thumbnail images by clicking on Select Photo or Load Photo CD Disc to load new thumbnails. Double-click on the image to view. Your previous screen image was deleted from memory to allow additional memory space for the conversion process.

Convert to PCX
Convert to BMP
Convert to EPS
Convert to TIF
Convert to RIF

Convert to PCX

Convert to PCX - Convert to PC Paintbrush format. Loading the converted file into Microsoft Paintbrush and resaving will reduce the size of this file quite a bit if 16 color palette was selected.

All conversions to .PCX are done in paletted format.

Convert to BMP

Convert to BMP - Convert to a Windows device independent format.

This is the file format supported by Virtual BookMaker Show. If converting to 16 color .BMP format, loading your converted file into the Paintbrush accessory and resaving will cut the size of the file in half.

Convert to EPS

Convert to EPS - Convert to Encapsulated PostScript format. Make sure you have lots of disk space before doing this type of conversion. File sizes can get quite large. They are about twice as large as a similar .BMP image.

Convert to TIF

Convert to TIF - Convert to Tagged Image File format. The TIF format allows conversions in RGB, true color format.

Convert to RIF

Convert to RIF - Convert to Resource Interchange File format.

Show

View a "Slide Show" of the set of images on your disc you selected. You have the following Slide Show options...

All Photos
Thumbnails
Starting with...
Range...
Script

All Photos

All Photos - Shows all PCD photos on the disc in your active CD rom drive.

Thumbnails

Thumbnails - Shows a group of 20 photos on the disc in your active CD rom drive starting with the number of the first Thumbnail you have selected.

Starting with...

Starting with.. - Shows all photos on the disc in your active CD rom drive starting with the PCD photo number you enter in the input box through the last photo on the disc.

Range...

Range - Shows all photos on the disc in your active CD rom drive starting with the PCD photo number you enter in the input box through the photo number you enter in the second input box. Your second photo number should be larger than your first number.

Script

Script allows you to make a custom script of Photo CD images to be viewed directly off the Photo CD disc.

Select Create from the Script submenu and then Start. Select a filename.LST file from the fileselector box. Now instead of viewing an image by double-clicking on its Thumbnail, the Photo is added to the scrip file you created.

Select End from the Script submenu to end scripting and return to normal view mode.

To view a script file, select View from the Script submenu and then select the filename.LST file from the fileselector box. The script you have created will be shown on your screen till the ESCape key is pressed.

Create...
View...

Create...

Select Create from the Script submenu and then Start. Select a filename.LST file from the fileselector box. Now instead of viewing an image by double-clicking on its Thumbnail, the Photo is added to the scrip file you created.

Start...

End

Start...

Select Start then Select a filename.LST file from the fileselector box. Now instead of viewing an image by double-clicking on its Thumbnail, the Photo is added to the scrip file you created.

End

Select End from the Script submenu to end scripting and return to normal view mode.

View...

To view a script file, select View from the Script submenu and then select the filename.LST file from the fileselector box. The script you have created will be shown on your screen till the ESCape key is pressed.

Zoom

The .PCD image pacs contain images in 5 resolutions. After double-clicking on a thumbnail the image is displayed in 512 by 768 resolution as the program default. When viewing an image in the 512 by 768 resolution Zoom functions are active.

When viewing an image in 512 by 768 mode, holding down the RIGHT mouse button will display a ZOOM box. Pressing the LEFT mouse button will expand the area highlighted by the box to fill your Window or selected Zoom box size.

The defaults for Zoom are 2 x and Viewport size.

After Zooming, all conversions to other file formats will be applied to the Zoomed area until a new pixel resolution is selected or new thumbnails are loaded into memory.

Additional controls of the Zoom box are available.

2 x
4 x
Viewport
384 x 240
480 x 640
Cut to Size

2 x

Zooms your image 2 times. You will be viewing a portion of a 1024 by 1536 image.

4 x

Zooms your image 4 times. You will be viewing a portion of a 2048 by 3072 PCD file. This is a very high magnification. Fast films like 400 speed will start showing their grain. For best results a fine grain film like Ektar 100 developed to Photo CD works well. Kodacolor Gold 100 will just start showing film grain at this magnification.

Viewport

Press the RIGHT mouse button to activate the Zoom box. Your Zoom box will show what will be available for viewing in your Window

Pressing the LEFT mouse button will Zoom the photo to exactly fill your ProPHOTO Window. All conversions to other file formats will be of only what you are viewing on your screen.

Changing the size of your Window will change the size of the image you are zooming into. All file conversion will apply only to what you are actually seeing on the computer screen.

384 x 240

Hold the RIGHT mouse button to activate Zoom mode. Your Zoom box will show what will be available for viewing in your Window

Pressing the LEFT mouse button will Zoom the photo to exactly a 240 by 384 screen. All conversions to other file formats will to a 240 by 384 clip.

480 x 640

Press the RIGHT mouse button to activate Zoom. Your Zoom box will show what will be available for viewing in your Window

Pressing the LEFT mouse button will Zoom the photo to exactly a 480 by 640 screen. All conversions to other file formats will to a 480 by 640 clip.

Cut to Size

Press the RIGHT mouse button to activate Zoom. Moving the mouse will enlarge or shrink your Zoom box. Your Zoom box will show what will be available for viewing in your Zoomed image.

The actual Zoomed image can be quite large, either two or four times larger than the Zoom box on your screen. Trying to Zoom large areas may give an application error due to insufficient memory.

If you Zoom an area larger than your Viewport window, cut the image to the Clipboard for scrolling.

Pressing the LEFT mouse button will Zoom the photo to exactly the Zoom size listed in the Zoom box. All conversions to other file formats will to a to this size.

Help

Calls this file for viewing with Windows Help utility.
Help...
About...

Help...

Calls this file for viewing with Windows Help utility.

About...

Program, version, and copyright information are displayed.