Icons Control Help Contents

This program was designed to **manage** and **display** as many Windows icon (ICO) or small (32x32) bit-mapped (BMP) files as possible.   New icons can be quickly **created** and existing icons can be **copied, renamed, moved**, or **deleted** with a click of the mouse.   Hardcopy of icons can be **printed** on any Windows-supported laser or color printers for easy reference.   Perhaps one of the popular features is the ability to **convert** ICO to BMP, BMP to ICO, and **extract** icons from DLL and EXE files.

In addition to manage and display icons, Icons Control can be used for simple **editing** jobs.   Simply double click on the icon itself to enlarge the image 10 times for easy editing.   Icons Control supports a palette of 48 colors.   Each of these is user-definable by double-clicking on the desired color on the color palette.   The new settings will be saved for future use.

- **Features**
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Main toolbar

Create new icon/bitmap

Convert the selected bitmap to icon

Convert the selected icon to bitmap

Capture any portion of the screen into an icon

Print hardcopy of icons to printer

About Icons Control

Help using Icons Control

Exit Icons Control

Drag icon to delete into this trash can

Click on the **capture** icon, the Icon Viewer will minimize itself into the upper left corner of the screen to make room for you to capture screen graphics.   A square will also appear as a tracking window.   Move this tracking window to any part of the screen you want to capture and click the left mouse button again to capture that part (to abort the capturing process, simply click on the right mouse button.)   You will be asked a file name to save the captured image in.   Select either ICO to save the captured image as an icon file or BMP to save the captured image as a bitmap file.   To move 1 pixel at a time for greater accuracy, use the mouse to bring the tracking window to a vicinity of the region you want to capture then use the arrow keys to slowly position the tracking window on top of the part you want to capture.

NOTE:
- To capture the graphics beneath the capturing window, press the HOME button to move the capturing window over.   You will also notice that the tracking window will not go below the lower bottom of the screen.   This is not a bug.   In order to go over this limit, you have to press HOME again to bring the capturing window back to its original position.

- To allow you to capture ANY part of the screen, I provided the Page Up and Page Down keys to enlarge or reduce the size of the tracking window.   Please note that capture enlarging the tracking window larger than the default size will dramatically degrade the image quality of the captured image. This is because I use the Windows API StretchBlt to squeeze that portion of the window into a smaller box.   And the StretchBlt is optimized for speed, not palette handling.   I recommend using the default size of the tracking window of 32x32 for best performance.

- Displays 100 icons/bitmaps simultaneously.
- Prints hardcopy of icons to printers for quick reference.
- Converts icon file format to bitmap file format (vice versa) with a mouse click.
- Extracts icons from DLL and EXE files with a mouse click.
- Quickly creates new icons/bitmaps.
- Quickly copies, renames, moves, and deletes existing icons/bitmaps.
- Supports Windows 95 & Macintosh-style trash can with drag & drop.
- Captures any part of the screen and saves as an icon.
- Supports icons up to 65,536 colors.
- Makes parts of icon transparent.
- Editing tools:
  - Free-hand drawing (pixel by pixel).
  - Line drawing.
  - Box drawing (outline/fill).
  - Circle drawing (outline/fill).
  - Flood fill drawing (solid/transparent).
  - Color probe.
  - Image shifting (up, down, left, and right).
  - Image flipping (horizontal and vertical).

Shareware:

- Copy.
- Rename.
- Move.
- Delete.
- Edit.

Registered:

Above functions plus:

- Printing hardcopy of icons.
- ICO to BMP conversion.
- BMP to ICO conversion.
- Icons extraction from DLLs and EXEs.
- Captures any portion of the screen into an icon.
- Access to image flipping and shifting tools.

There are 3 ways to delete, copy, rename, or move files since version 4.0:

1.   Simply click, hold down the left mouse and drag the icon or bitmap over the **trash can**.   The icon will turn from the image to an regular mouse pointer and the trash can will turn black to confirm that this item is trashable.   At this point, release the mouse button and a confirmation box will appear with the name of the to delete for final confirmation.

2.   File can also be trashed by clicking and holding the file name in the drive list box, drag the file over the trash can similar to the above procedure.

3.   Or
        1)   Select the desired icon using the icon grid or highlight the icon using the file list box.
        2)   Choose **Delete** (**Copy**, **Rename, Move)** under **File** in the pull-down menu.
                or
                Press ***Del*** (***Ctrl+C***, ***CTRL+R, CTLR+M***).

WARNING:
Deleted files cannot be recovered after trashed.   Be absolutely sure before deleting files.
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- Any computer capable of running Window 3.1 (a 386 or better is recommended.)
- A standard VGA (a Windows-accelerated video card is recommended.)
- A mouse or trackball.
- Any printer supported by Windows (optional.)

Software Requirements
- Icons Control was designed and tested under Microsoft Windows 3.1 on an ISA 486DX66-based computer with 8 MB of RAM, a mouse/trackball, and a 1MB ISA Diamond Stealth 24 graphic board under the following video modes: 640x480x16, 640x480x256, 640x480x65536, 800x600x256, 800x600x65536, 1024x768x16, and 1024x768x256.
- Icons Control was also tested under Windows 95 on a 100 MHz PCI Pentium-based computer with 16 MB of RAM and a 1 MB PCI Diamond Stealth SE.

Icons Control has not been tested in other environments because I do not have all the time and resources in the world.

NOTE:
The tracking window in the screen capture mode will not operate over the desktop portion of Windows 95. This is a problem for all screen capture software written for Windows 3.1 running under Windows 95. This will be fixed in future versions of Icons Control.   In the mean time, you can still capture any portion of the Windows 95 desktop using the up, down, left, and right arrow keys to move the tracking window.

Single-click on a specific file in the file list box will also make the corresponding icon flash. If none of the icons in the view window is flashing then the selected icon is not within view of the grid.   In this case, click on the down arrow in the icon grid until the flashing icon comes within view.

NOTE:
Clicking on an icon embedded inside either a DLL or EXE file will not flash that icon.

Simply click on the printer icon or pull down **File** on the menu bar, then click **Print**.   All icons/bitmaps in the current directory will be printed on the current default printer.   To switch to a different printer, pull down **File** on the menu bar and click on **Print Setup**.   Printing in Icons Control was tested and is guaranteed to work with the HP LaserJet 4L and the Epson Stylus Color printer.

NOTE:
Hardcopy size of icons/bitmaps can be adjusted by pulling down **Options** on the menu bar and click on **Print Scale**.   The default scale is 1.

Single-click on any icon will make that icon flash and will also highlight the file name of that icon in the file list box.

NOTE:
Clicking on an icon embedded inside either a DLL or EXE file will not flash that icon.

First select the DLL or EXE extension in the File Type box.   Then single-click on the desired DLL or EXE file (do NOT double-click on files in the file list box, this will be interpreted as 2 single-clicks and cause Icons Control to display the icons (if any) inside the DLL or EXE twice.)

NOTE:
The number of icon will be 0 if none of the DLL or EXE file is currently selected.

1. If you wish to extract <u>all</u> icons in the selected DLL or EXE file, put a check mark next to **Batch Mode** under **Options** first.   Otherwise, make sure to uncheck **Batch Mode** to extract only the selected icon.

2. If you wish to extract only selected icons:
   - Double-click on the icon you want to extract, a file dialog box will appear and ask you to give the icon a file name.   Type in the name of the icon and click OK.   The selected icon will be saved under Windows icon format with the new file name.

   <u>or</u>

   If you wish to extract <u>all</u> embedded icons:
   - Select **Extract** under **Image** on the menu bar.

NOTE:
Extracting capability is only available to registered users of Icons Control (see **Contacting the author** for more information.)

There are 3 ways to enter the Icon Editor:

• Double click on the selected icon/bitmap.

 or

• Select the desired icon/bitmap or file name and select **Edit** under **Image** on the menu bar.

 or

• Select the desired icon/bitmap or file name and press Ctrl+E.

The selected icon/bitmap will be enlarged 10 times for easy viewing and editing of the pixels representation.   Use the left and right mouse buttons to single-click on the color palette to pick out the 2 colors which will be available for editing at any given time.   These 2 colors will be saved in the Icnctrl.ini file for later use.

Make sure to save your work regularly by clicking on the **disk** icon.

To abort the last operation, click on the **undo** icon.
To start the editing session all over again, click on the original icon box.

NOTE:
Editing capability is only available to registered users of Icons Control (see **Contacting the author** for more information.)

COPYRIGHT INFORMATION & DISCLAIMER

There is no 30-day evaluation period to use Icons Control.   Registration is not required to use the shareware version of Icons Control.   Non-registered users may use Icons Control as long as they wish. However, in order to use the additional features, you must register the software to receive the registered, full-featured version.

A single user license permits a user to use Icons Control only on a single computer.   Licensed users may use the program on different computers, as long as there is NO POSSIBILITY of it being used at one location while it is being used at another, or on a computer network by more than one user at a time.

No one may modify or patch the Icons Control executable files in any way, including but not limited to decompiling, disassembling, or otherwise reverse engineering the program.

A limited license is granted to copy and distribute Icons Control only for the trial use of others, subject to the above limitations, and also the following:

1)   Icons Control and all of its release files must be copied in unmodified form, complete with the file containing this license information.

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3)   Shareware copies may be uploaded to BBSs, FTP sites, Usenet newsgroups, and any network sites with the condition that all of its release files must be included in unmodified form, complete with the file containing this license information.

4)   Vendors of user-supported or shareware software approved by the ASP may distribute Icons Control, subject to the above conditions, without specific permission.   Non-approved vendors may distribute Icons Control only after obtaining written permission from myself.   Please write to:

> Chris Doan
> 4891 Clairemont Mesa Blvd., #401
> San Diego,   CA 92117

4)   Non-profit user groups may distribute copies of the Icons Control diskette to their members, subject to the above conditions, without specific permission. Non-profit groups may collect a disk duplication fee enough to cover the cost of the media and handling.

DISCLAIMER

Remove the check mark next to **Opening Screen** under **Options** to bypass the opening screen and music.

If you wish to convert <u>all</u> ICO or BMP files in the current directory, check the **Batch Mode** under **Options** first.

To convert an icon (ICO) file to a bitmap (BMP) file, follow these 2 steps:
1. Single click on the icon you wish to convert to bitmap.
2. Click on the BMP icon on the toolbar <u>or</u> select the **Convert to Bitmap** from **Options** on the menu bar.

To convert a bitmap (BMP) file to an icon (ICO) file, follow these 2 steps:
1. Single click on the bitmap you wish to convert to icon.
2. Click on the ICO icon on the toolbar <u>or</u> select the **Convert to Icon** from **Options** on the menu bar.

NOTE:
File conversion capability is only available to registered users of Icons Control (see **Contacting the author** or more information.)

1. Double click on the **trash can** to bring up the deleted items list.
2. Double click on the item(s) you wish to undelete.

PROBLEM:
Icon pixels were misaligned with the editing grid.
SOLUTION:
Your video driver may not be fully compatible with the Windows API.   Set the lowest possible color depth and try again.   If this problem goes away, then increase the color depth to a point where the problem occurs again.   Use the color depth one level below this point.

PROBLEM:
After the editing, the bottom part of the icon became all black.
SOLUTION:
Reduce the color depth.

PROBLEM:
The flood fill tool does not work on some parts of the icon.
SOLUTION:
The selected icon may not be a standard Windows 3.1 icon.   Try using the free-hand drawing tool instead.

PROBLEM:
The number of icons box shows 0 even though the number of files box shows some DLL or EXE files
SOLUTION:
None of the DLL or EXE file was selected.   You have to select of those files first before Icons Control will calculate the number of icons embedded inside that file and display the number of icons.

OTHER PROBLEMS:
Please send e-mail to doanc@netcom.com or 102425.1613@compuserve.com and explain in details the sequence to reproduce the problem.   If possible, please also send the snapshot of the problem screen under any graphics format (if its a formatting problem) or the DLL or EXE files that you have problems extracting icons from (if its an icon extraction problem.)   Ill figure out whats going on, fix the bugs, and e-mail you the revised version immediately.   Bug fixes have the highest priority over any new development in progress.

REGISTRATION & CONTACTING THE AUTHOR

I first wrote this program for my own use using the *Microsoft Visual BASIC 3.0 Professional Edition* but I am releasing it to the public as shareware (versions 3.3 and older were Display Icons.)   I hope others find it as useful as I do.   There is no evaluation period to use Icons Control.   You may use it as long as you wish to display, manage, and edit icons.   In order to use additional features, you must register it. Registered users will receive a registered copy of Icons Control through internet e-mail (uuencoded) for $25.

Those of you have access to CompuServe, you can register Icons Control on line directly with CompuServe and receive the registered version almost instantly.   My CompuServe Author Registration ID is 7437.

International users may transfer $US 25 directly to my Bank of America account.   There will be an additional   processing fee of $10 because thats how much BoA charges my account for Money Transfer Service.   You will have to contact me by e-mail to obtain my account number for this type of payment.

Those of you who wish to receive the software on a 3.5 floppy disk, the registration fee is $29.   As of this writing, I only accept money orders, cashiers checks, bank checks, or personal checks.

A site license is required by a corporation, company, educational institution, or governmental agency for use of Icons Control software on the total number of computers that will use the software.

Please fill in the registration form in the REGISTER.TXT file and mail it along with your payment to:

> Chris Doan
> 4891 Clairemont Mesa Blvd., #401
> San Diego,   CA 92117

For my bookkeeping purposes, please refrain from sending cash.   But if you have to send cash, please also include a written order so I can keep track of my users. For your payment, you will receive a copy of Icons Control with additional features. I would rather send you a registered copy via internet e-mail than snail-mail because its instantaneous, convenient, and it saves me the task of putting the software on floppy disk, packing it, and making a trip to the local post office to mail it.   However, for those of you dont have access to the internet and receive Icons Control from a local BBS, I can mail you a 3.5 floppy disk (I dont have 5.25 disk drive) via the U.S. postal service as soon as I receive your payment.

Thank you for your interest in Icons Control.

Chris Doan
San Diego,   California
October 1995

TECHNICAL SUPPORT

I am not obligated to provide technical or other support of Icons Control.   However, I am very responsive most of the time to feedback from my users about bugs report.   If bugs were found and I could reproduce them on my systems, I   usually fixed the bugs within a few days and sent the bug-fixed version to the users who took the time to report them first, next to all registered users, and then to other shareware sites later.

Please let me know if you found any bugs, glitches, or send your comments, feedback to me on the internet at doanc@netcom.com or 102425.1613@compuserve.com

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REFUNDS

1) The registered version of Icons Control is guaranteed to deliver all the features listed in the features section, if any of these features did not work as stated under the system hardware/software configurations mentioned in the Hardware & software requirements section, you may be entitled to a refund.

2) No refund will be given other than the condition stated in section 1.