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**Version 4.0**

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## **About 'IconEdit Pro'**

### **What is 'IconEdit Pro'**

'IconEdit Pro' is a very powerful and easy to use icon editor and browser for Windows 95/NT. With this icon editor you are able to create icons, cursors and even animated cursors in different sizes with up to 256 colors.

You can mark, move, mirror or rotate any rectangular area. Icons may be extracted from EXE and DLL files and also cut out of bitmaps (BMP, RLE) or directly out of the Windows screen. Icons may be stored in an icon resource (a file that may contain multiple icons with different sizes and colors) which helps you save a lot of space on your hard disk.

Effective tools like the 'Shadow Function' (lets you create 3D effects very easily), radial and free rotatable linear gradations, antialiasing, contrast control, brightness/saturation control, raise/inset etc., can assist you a lot.

All icons in a directory, an icon resource or an EXE/DLL file are displayed and may be printed with or without their filenames. The icons even may be printed in variable sizes.

All these features make 'IconEdit Pro' one of the best icon editors around!

### **Shareware Information**

The shareware version of this application is fully functional. Only at the beginning and the end a dialog appears where you have to wait for ten seconds.

Shareware allows you to try a program before you buy it. If you like this program and find it useful, you are requested to support it by registering the software. This will entitle you to the latest version of 'IconEdit Pro', notification of updates and other worthwhile things.

I've not infested the program with excessive beg notices, crippled it or had it verbally insult you after ten days. I trust you to support 'IconEdit Pro' if you like it. **To create this program was a**

**lot of work** (thanks to my girlfriend for her patience) and I hope you will support this and further work on the program.

The price for the registered version is **only ATS 140,-- (DEM 20,--; USD 15,--)**

To register please use the entry 'Print Registration Form' from the menu 'Help' or just print the file 'REGIST-E.TXT' and send it to the given address.

**Thank you for your honesty!**

You can also purchase and immediately receive the Registered Version of IconEdit Pro on the Internet through Albert's Ambry. Transactions are via Credit Card with the option of making the purchase over a secure server. Registration at Albert's Ambry also eliminates shipping and handling costs.

Please go to: '<http://www.alberts.com>' and search on 'ie40min.zip'. Click on the 'Buy it' link to register IconEdit Pro.

You can also use the entry "World Wide Web/Online Registration via Albert's Ambry" in the menu 'Help' instead of this.

## **What's New** ([1.0](#) [2.0](#) [2.1](#) [2.2](#) [2.21](#) [2.3](#) [2.4](#) [2.5](#) [2.51](#) [2.52](#) [3.0](#) [3.5](#) [4.0](#))

Version 1.0:

- First version for Windows 3.1

Version 2.0:

- **32 Bit** version for Windows 95
- Saving in **different sizes** (32x32 and 16x16 pixel)
- Creating and editing of **icon resources**
- Radial and free rotateable linear **gradations**
- **Antialiasing**
- **Brightness/Saturation control**
- **Contrast control**
- **Invert**
- Insert **Text**
- **3** Undo levels
- **Animated buttons** for the special effects
- A lot of further **improvements**

Version 2.1:

- **New function:** Raise/Inset
- **Shorter loading time**
- **Points will be connected** in freehand mode
- **Bugfix:** When clicking with the right mouse button on the drawing area, the right color was chosen but not displayed (16-color-mode only).
- **Bugfix:** Printing didn't work, neither in the editor nor in the open dialog.
- **Bugfix:** The text function did only work with black color.
- **Bugfix:** Setup wasn't able to create a temporary file.

Version 2.2:

- Added **Tooltips** to the Editor
- **Bugfix:** The program couldn't start when there was not printer installed.
- **Bugfix:** In freehand mode points were connected but the resulting lines were not drawn in the icon mask.

Version 2.21:

- If a **tooltip** is shown you don't have to wait the whole time again before the tooltip of an other button pops up.
- **Bugfix:** The icons 'Save (16x16)' and 'Print' were mixed.
- **Bugfix:** 'Take whole picture' in the Open-Dialog wasn't working correctly.

#### Version 2.3:

- **New function:** If you choose 'BMP/RLE' in the Open-Dialog a new button with the caption 'Insert from clipboard' appears. With this button you can insert the contents of the Windows clipboard and then cut icons from it just like from a normal bitmap.
- The Setup/Uninstall and the runtime files are now **completely in English**.
- **Bugfix:** Sometimes there came an overflow message in the beginning.
- **Bugfix:** The program crashed when an invalid icon was chosen in the Open-Dialog
- **Bugfix:** The program crashed when a drive which was not available was chosen
- **Bugfix:** After deleting icons from an icon resource in the Resource-Editor the buttons and displays were not set back.

#### Version 2.4:

- **New feature:** You can now define the opacity for each drawing tool.
- **New feature:** Spray (with or without gradation)
- **New feature:** All icons from an EXE- or DLL-file can be extracted at once.
- **New feature:** The function 'Invert' now only inverts pixel which are drawn with normal color (not background color).
- **New feature:** You can define 'IconEdit Pro' as your default icon editor. Just assign the ending 'ICO' to 'IconEdit Pro' and then when you double-click on an icon in the Explorer IconEdit Pro will come up with the selected icon.
- **Bugfix:** The program crashed when the 'Enter-Key' was pressed in the Open Dialog.
- **Bugfix:** When no icon was selected in the 'Print Dialog' but 'Print Icons' was clicked nevertheless the program crashed.
- All new texts in this help are printed in [blue color](#).

#### Version 2.5:

At first sight not very much has changed to justifiable the jump from version 2.4 to version 2.5. But now the program works when 'large fonts' are used (Control Panel/Display/Settings/Font Size). The program doesn't look much different but it was a lot of work to accomplish this! But I still recomend 'small fonts'.

Furthermore the following has been changed/added:

- **New feature:** An option dialog has been added. There you can turn the animations of the buttons and the tool tips on or off. You can also define which color palette will be loaded when the program starts.
- **Bugfix:** 'IconEdit Pro' now also works with Windows NT.
- **Bugfix:** When some text at the end of the German help file was marked, the program crashed.
- **Bugfix:** When text was inserted and something had been marked before, the marking of this text wasn't correct.
- **Bugfix:** When icons were dragged on the big display of the Resources Editor to add them to an icon resource, these icons were added twice.

#### Version 2.51:

- **New feature:** Any marked region can be resized to 32x32 or 16x16 pixels (see '2.1.8 The Menu/Edit/Resize to 32x32').
- **Bugfix:** When running in truecolor mode this error message appeared: 'Unexpected Error: Code 6'

#### Version 2.52:

- The style of the buttons is now more Windows 95 like.
- The program suddenly needs (I really don't know why) the file 'MSVCRT.DLL' which is now included.

#### Version 3.0:

- **Bugfix:** When the big display in the Resource Editor was clicked without a resource loaded the program crashed.
- Now you can **register via code!**
- I am sure that when you check out this new version you will not find any differences to the previous version. But there is one major difference: **SPEED !!!**

<b>Function</b>	<b>How many times faster?</b>
Changing of the 'Screen Color'	about 20 times !!!
Brighten/Saturation	4 times
Contrast	4 times
Raise/Inset	4 times
Invert	4 times
Opacity	3,5 times
Rotate	3,5 times
Linear/Radial Gradation	3 times
Shadow	3 times
Change to x Colors	3 times
Paste	3 times
Antialias	2 times
Count Colors	2 times
Flip	1,5 times
Save Icon	1,5 times

#### Version 3.5:

- **New feature:** Now you can create animated cursors!
- **New feature:** You can save icons as cursors
- **New feature:** You can save icons as bitmap
- The design of the toolbars has changed
- The keyboard shortcuts have changed
- When you click on the 'Save-Symbol' (second on the left) the 'Save-As-Dialog' appears
- **Bugfix:** When clicking on 'Load Pal' and then on 'Cancel' an error message appeared'
- **Bugfix:** When the 'Spray Tool' was used before a color region was set, the program crashed
- **Bugfix:** On some printers the icons where printed too small or too large and even sometimes one on top of the other
- **Bugfix:** The Open-Dialog often showed non icon files
- **Bugfix:** When a resource with less than five icons was loaded in the Resource-Editor, the program crashed when you clicked on an empty entry.
- **Bugfix:** When an opened folder was deleted and then tried to open again, the program crashed
- **Bugfix:** There was an empty entry in the 'Font Section' of the 'Text Tool'. When you clicked on it, the program crashed

#### Version 4.0:

- **New feature:** Icons can be created in variable sizes from 8x8 to 64x64 pixel.
- The opacity/transparency setting now also works if you move or paste something
- You can now run the program in English or German
- A new animation frame can be inserted at the beginning or the end of the animation
- Frames of an animation can be moved up or down in the animation
- You can specify if you want to move/copy/paste with or without transparency

- In the open dialog you can display JPG and GIF pictures
- The menu 'File' shows a history of the last four files
- 4 Undo levels (with the 'Space' key)
- You can now start with the animation panel open
- 'Print' from the open dialog now also prints the directory name
- If you exit IconEdit Pro the question reads 'Do you want to save the icon now?'
- The open and save dialog always opens the last directory
- From the menu 'Help' you can invoke your Web browser with some IconEdit Pro related sites
- The helpfile is now a standard Windows helpfile
- In the help there is a Q&A section
- **Bugfix:** A doubleclick on an \*.ico file now really invokes IconEdit Pro with the chosen icon
- **Bugfix:** When you drew on an icon and dragged the mouse pointer over the edges of the drawing area, the program crashed when you pressed the right mouse button
- **Bugfix:** Sometimes an error #9 occurred when inserting a new frame to an animation
- **Bugfix:** In the Info window sometimes an 'a' or 'z' was added to registered names
- **Bugfix:** If a marked region was moved over the margins of an icon and antialiasing was chosen, the program crashed
- **Bugfix:** The 'X' and 'Y' indicators in version 3.5 were mixed up
- **Bugfix:** When starting IconEdit Pro in truecolor mode sometimes the error #340 occurred
- Some further small bugfixes

## ***The Program Interface***

### ***The Editor***

The Editor is the main part of the program. It consists of a big [drawing area](#), a [vertical toolbar](#) on the left side of it and a [selection for four icons](#) and a field which displays the mask of the current icon above it. At the top there is a [menu](#) with the items: '[File](#), [Edit](#), [Special](#), [Effects](#), [Size](#), [Colors](#) and [Help](#)' and a [horizontal toolbar](#) below it.

On the right side of the editor is a [color palette](#) with some options.

### ***The Drawing Area***

On the drawing area the current icon is displayed magnified. By clicking with the left mouse button the current tool will be applied. By clicking with the **right mouse button** the color under the mouse pointer will be defined as the active color.

If you click on an transparent color the current [color mode](#) will be changed to 'Trpt Color'. If you click on an normal color the current color mode will be changed to 'Nrml Color'. To avoid this hold down the 'Shift-Key' while clicking.

### ***The Vertical Toolbar***

The vertical toolbar is subdivided into drawing- and working tools. I think the drawing tools do not require a special explanation. These seven are available:

- Freehand Drawing
- Line
- Rectangle
- Filled Rectangle
- Ellipse (Circle)
- Filled Ellipse (Circle)

- Fill (with or without gradation)  
To fill with a gradation you first have to mark a color region. To accomplish this, click on the first color in the color palette and then on the button 'Region'. Afterwards click on the last color of the gradation (the colors are arranged in columns so they are ordered from top to bottom, left to right). All colors between these two colors will be marked and are used for the gradation (to cancel the region click on the button 'X' next to the button 'Region'). Now you can define which kind of gradation you want to use (normal, linear or radial). See the entry '[Gradation Options](#)' in the menu 'Effects'. How you can define your own gradation is described under '[The Color Palette](#)' or in the [Q&A](#) section of this help.
- Spray  
With the entry '[Spray Options](#)' in the menu 'Effects' some settings concerning 'Spray' can be made.  
Spray always works with the current color but if a color region is defined the colors of this region are cycled. To ensure constant spraying the spray tool will only work when moving the mouse.

Below them are the following working tools:

- Mark Region
- Flip Vertical
- Flip Horizontal
- Rotate in 90° steps to the left
- Rotate in 90° steps to the right

If an area is marked then all these special tools, such as 'Rotate' or 'Flip' will apply only to this area, otherwise to the whole drawing area.

### ***The Horizontal Toolbar***

The first three tools correspond to the items '[New](#), [Open](#), [Save](#)' from the menu '[File](#)'. The next tool equals the item '[Show/Set Hotspot](#)' in the menu '[Special](#)'. The next 10 tools correspond to the items [Antialiasing](#), [Brightness/Saturation](#), [Contrast](#), [Shadow](#), [Change Color](#), [Raise/Inset](#), [Invert](#), [Text](#), [Gradation Options](#), [Spray Options](#) in the menu '[Effects](#)' and the last tool opens the animation panel like '[Animated Cursor](#)' in the menu '[Special](#)'. On the right side you can specify the opacity for each drawing tool. The values are stated in percent. 100 correspond to opaque and 1 correspond to transparent. If the mouse cursor is over the drawing area the coordinates are displayed instead. The X- and Y-indications correspond to the cursor position on the drawing area and the [x]- and [y]-indications correspond to the relative coordinates of a tool (for example: The length and width of a rectangle).

### ***The Icon Selection***

With this selection it is possible to work with four icons at one time. The active icon is displayed pointed out and can be changed to another by a mouseclick.

### ***The Drawing Method Selection***

This selection gives you the possibility to draw with 'normal color (Nrml)' or to draw with 'transparent color (Trpt)'. All pixels that are drawn with 'transparent color' will appear transparent in the icon so that the background of the Windows environment shines through.

In a new icon all points are set to 'screen color'.

Example: If you create a new icon and then draw a line and save this icon and apply it to a program, you will see this line and the rest of the icon is transparent - so the rest does not need to be white as you see it in the Editor!

The 'transparent color' has one other function: It is used to delete previously set points.

Example: If you draw a line with a 'normal color' and then want to delete it, it is not enough to paint over it with a 'normal' white color. The line is still there, you only can't see it because the background is also white. In order to make this line visible you only have to change the background color. In order to delete this line you have to overpaint it with 'transparent color'.

### **The color palette**

You can choose a color with the left mouse button. There are two different palettes. One for 16 and one for 256 colors. This distinction is important for the storage of an icon. If the 256 color palette is used the icon will be saved as a 256 color icon, otherwise as a 16 color icon. The difference is that a 256 color icon looks much better but you only can view it in high- or truecolor mode. In the 256 color mode of Windows you can only use the 16 color palette!

**Attention:** If you change from the 256 color palette to the 16 color palette, all colors that are not standard colors (black, blue, green, cyan, red, violet, yellow, white, gray, light blue, light green, light cyan, light red, light violet, light yellow and light white) will be lost (don't panic, of course you can undo this...)!

On the bottom of the palette are two buttons. One to save (Save Pal) the current palette and one to load (Load Pal) a saved palette. The starting palette is called 'STANDARD.PAL' and is located in the same directory as 'ICONEDIT.PRO'.

On the right side of the palette are three sliders with which you can define your own colors. Beneath these sliders a button with the caption 'Gradation' is located. With this button you can easily create color gradations.

Proceeding:

1. Click on the first color on the palette which you want to use for the gradation
2. Press the button 'Gradation' (now it looks depressed; with another click on this button you can cancel the process)
3. Click on the last color of the gradation (the colors are arranged in columns so they are ordered from top to bottom, left to right)

The colors between the starting and the endpoint are now building a flowing gradation

### **The menu**

File:

**New:** Creates a new icon. The current icon is deleted. You can choose whether you want to create a 16 or 256 color icon. A 256 color icon can only be created if you run Windows in high- or truecolor mode.

**Open:** Loads an icon, extracts an icon from an EXE-/DLL-file or an icon resource, cuts an icon out of a bitmap.

**Save:** Saves the current icon. A dialog appears where you can define a name and a directory. Further you can choose if you want to save the icon as icon, cursor or bitmap.

If you have saved the icon before then this dialog will not appear and the icon will be saved with the already given name. If you want to define an other name you can use 'Save As'.

If you save a 256 color icon which has more than 256 colors, a dialog for color reduction appears. On the top left you can see the original icon and on its right side six icons each color reduced with a different method. On the bottom left the original icon and on its right the currently chosen color reduced icon is displayed



magnified. Just choose the best looking icon and press the button 'Ok'.

*Save As:* Same as 'Save' but the 'Save dialog' always appears.

*Save All:* Same as 'Save' but all four icons will be saved.

*Print:* A dialog appears where you can choose which of the four icons you want to print. You can also choose more than one icon. Further you can state the size of the printed icons. '1' means normal size, '2' double size,... The maximum size depends on the printer setting. From size '5' on you can also print the icons with a grid.

*Printer Settings:* Opens the standard Printer-Settings dialog.

*Quit:* Quits 'IconEdit Pro'.

### Edit:

*Undo:* You can undo the last change.

*Copy:* Copies the marked area to the clipboard (not the Windows clipboard!). If no area is marked, the whole icon will be copied.

*Paste:* Pastes the copied area into the active icon. If you copy from a 256 color icon to a 16 color icon all colors will be changed to standard colors (black, blue, green, cyan, red, violet, yellow, white, gray, light blue, light green, light cyan, light red, light violet, light yellow and light white)

*Copy to Clipboard:* Copies the marked area to the Windows clipboard. If no area is marked, the whole icon will be copied.

*Delete Marked Area:* Deletes the marked area.

### Special:

*Count Used Colors:* Counts how many different color are used in the current icon.

*Show Grid:* Turns the grid on the drawing area on or off.

*Show/Set Hotspot:* The Hotspot blinks and the mouse cursor changes to a cross. If you now click on the drawing area the hotspot will be set to this new position. The hotspot has only consequences when you save the icon as cursor.

*Copy Transparent:* If this option is enabled, while moving or pasting, all the pixels of the drawing area shine through the transparent parts of the marked region

*Create Animated Cursor:* on the right side of the editor appears a panel for creating animated cursors. On the right of this panel the frames of the animation are displayed. A click on one of these frames defines the frame as current frame. On the left side there is a toolbar with these functions:

New Animation:	Clears all the frames
Open Animation:	Opens an existing animation
Save Animation:	Saves the current animation
Get from Editor:	Copies the current icon from the editor to

Put to Editor:	the current frame of the animation Copies the current frame from the animation to the current icon of the editor
New Frame:	Inserts a new frame. You can choose if you want to insert the new frame before or after the current frame or at the beginning or end of the animation
Delete Frame:	Deletes the current frame
Move Frame Up:	Moves the current frame up
Move Frame Down:	Moves the current Frame down

On the bottom you can preview the animation with the play and stop button.

Further you can define the display time for each frame. One 'Jiffy' equals 1/60 of a second so 60 Jiffies equal one second. To define the display time for a single frame click on this frame and insert the desired value into the textbox below 'Jiffies'. With the slider you can define the display time for all frames at once. Attention: Individual settings of the frames are lost!

**The cursor keys are a big help when creating an animation:**

As long as you hold down the 'Left-Key', the frame before the current frame of the animation is displayed in the editor. As long as you hold down the 'Down-Key', the current frame, and as long as you hold down the 'Right-Key', the frame after the current frame is display in the editor.

Example: You are drawing a frame for an animation. Hold down the 'Left-Key' and you can compare the previous frame with the new frame very easily.

Another possibility: In a complete animation click on the second frame. Now click on the symbol 'Put to Editor' to display this frame in the editor. When you know hold down the 'Left-Key' and then the 'Right-Key' (and then in reverse order) you can check if the animation is smooth.

*Options:* In the appearing dialog you can turn the animations of the buttons and the Tool-Tips on or off. You can also define which color palette will be loaded when the program starts.

*Language/Sprache:* Here you can define in which language you want to operate IconEdit Pro.

Effects:

*Flip Horizontal:* Flips the marked area horizontally (around a vertical axis). If no area is marked, the whole icon will be flipped.

*Flip Vertical:* Flips the marked area vertically (around a horizontal axis). If no area is marked, the whole icon will be flipped.

*Rotate Left:* Rotates the marked area counter-clockwise. The rotated area is moved to the upper left corner. If no area is marked, the whole icon will be rotated.

*Rotate Right:* Rotates the marked area clockwise. The rotated area is moved to the upper left corner. If no area is marked, the whole icon will be rotated.

*Antialiasing:* Approaches colors in an icon or a marked region. With this function you can smooth your icon and avoid steps. In the appearing dialog you can set the strength of the antialiasing with a slider (0 = no antialiasing, 10 = strong antialiasing).

*Brightness/Saturation:* In the appearing dialog you can choose whether you want to change the brightness or the saturation of the icon or the marked region. With the three sliders you can set the strength for each color (red, green, blue) separately. Values higher than 0 percent brightens the colors (increases the saturation). Values lower than 0 percent deepens the colors (decreases the saturation). To change one color separately, just uncheck the other two.

*Contrast:* Increases or decreases the contrast of the icon or the marked region. In the appearing dialog there are two different kinds of sliders: The 'Intensity-Sliders' control the amount of the contrast change. Values higher than 0 percent increase the contrast, values lower than 0 percent decrease the contrast. The 'Threshold-Sliders' define a threshold for each color (red, green, blue). If the value of a color of the icon is lower than this threshold, it's value will be more lowered (if you have chosen an intensity-value higher than 0 percent). If the value is higher, it will be raised. So the color values are spread which means the contrast is raised.

*Shadow:* With this function you can create 3D-Effects very easily. To create a shadow, just choose the color of the shadow (left-click on the palette) and then select 'Shadow' from the menu 'Effects'. A dialog appears where you can choose the X- and Y-position (depth) of the shadow.

**The 'screen color' has a special function:** Normally a shadow will be created from each point painted with 'normal color'. If you draw a filled rectangle and in this rectangle a line to which you want to apply a shadow, a shadow will be created only from the rectangle because all points were painted with normal color. To avoid this, just set the 'screen color' to the color of the rectangle (left-click on the option-button 'Scr' and then hold down the 'Shift-Key' and right-click on the rectangle). If you create a shadow now, the shadow will be applied only to the line. You can set back the 'screen color' afterwards.

*Change Colors:* Changes one color to an other. Choose a color from the palette and then select 'Change Color' from the menu 'Effects'. The mouse pointer changes to an 'Up-arrow'. Now left-click on the color on the drawing-area which you want to change with the previously selected. If no area is marked the color will be changed in the whole icon, otherwise only in the marked area.

*Raise/Inset:* Raises or insets the marked region. In the appearing dialog you can specify if the graphic should be raised or inseted. You also can set the light color and the shadow color (simply click on the colored button).

**The screen color has the same special purpose as with the shadow function:** If you draw a light gray rectangle and in this rectangle a line which you want to inset, you first have to set the screen color to the same color as the rectangle. To do this press the 'Scr'-button and 'rightclick' on the rectangle while holding down the 'Shift-Key'.

If you now use 'Raise/Inset' only the line will be inseted. You will get the best results with a light gray background, a white light-color and a dark shadow-color (= default).

*Invert:* Inverts the Icon or the marked region. Only the pixels which are drawn with 'normal

color' (not 'background color') are inverted.

*Text:* Inserts Text into the icon. Write the text into the textfield on the upper right and it will be inserted under consideration of the font and the fontsize into the icon. The text will be wrapped automatically and if it is too long, it will be cutted off.

*Gradation Options:* Defines the kind of filling. Possible fillings are: normal, linear and radial filling. If you choose linear filling, you can set the angel. Use the slider or just click into the preview and move your mouse with pressed button.

*Spray Options:* In this dialog you can set the shape, the size and the density of the spray tool.

**Tip:** If you set the size to '1', the density to '100%' and if a color region is defined, you can draw like in freehand mode but the colors are cycled.

#### Size:

Here you can specify the size of the icon. You can choose the standard size 16x16, 32x32, 48x48 and 64x64 pixel. You can also specify a custom size from 8x8 to 64x64 pixel. If you change the size of an icon you can specify if you want to resize it or not.

#### Colors:

Changes the color format of the current icon. You can choose between 16 and 256 colors.

#### Help:

*IconEdit Pro Help:* Shows this help.

*Print Registration Form:* (Sharewareversion only) Prints the registration form. You can also print it with an other program (file manager, notepad ...). The name of the file is 'REGIST-E.TXT' and is located in the same directory as 'ICONEDIT.EXE'.

*Enter Registration Code:* (Sharewareversion only) If you register the program you will get a registration code. Just enter your name and this code in the appearing dialog and you are rid of the annoying nag-screen.

*World Wide Web:* Starts your default Web browser (if installed) with the selected site.

*Hagen's Homepage:* Brings you to my homepage from where you can get the newest information about IconEdit Pro

*What's the Newest Version:* Shows you which version is the newest

*Download the Newest Version:* Brings you to the download section of IconEdit Pro

*What Others Say About IconEdit Pro:* Some ratings and statements about IconEdit Pro

*Send an E-Mail to Hagen Wieshofer:* Invokes your e-mail program (if installed) with my address

*Register Online Using Albert's Ambry:* You can purchase and immediately receive the Registered Version of IconEdit Pro on the Internet through Albert's Ambry. Transactions are via Credit Card with the option of making the purchase over a secure server.

*Info:* Shows some information about the system resources an about 'IconEdit Pro'.

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## The Open-Dialog

The open dialog is divided into three parts. The first one on the upper left corner contains an icon selection that corresponds to the one in the editor.

Below there is a button with which you can print all icons in the active directory. If you press this button a dialog appears where you can define if you want to print the icons with or without their filenames underneath. The 'Setup' button is used to setup the printer.

The second part, underneath the first, contains a filename-, a directory- and a selection-box.

Below is a small toolbar with four icons. The first opens the [Resource-Editor](#), the second marks all displayed icons, the third unmarks them and the last one [extracts icons from EXE or DLL files](#).

The third part on the right shows all icons of the current directory (if the option 'Show all icons' in the first part is checked). One click with the right mouse button marks an icon. To mark more than just one icon hold down the 'Shift-Key'.

In the open dialog you have the following possibilities:

### **Load an icon:**

Choose the position in the icon selection to which you want to load it. Go to the directory where the icon is located and simply click on its picture on the right side or on its filename on the left.

### **Extracting an icon from an EXE- or DLL-file**

Choose the entry '\*.EXE; \*.DLL' in the selection-box (underneath the filename box). Go to the directory where the EXE or DLL is located and click on its filename. All icons in this EXE- or DLL-file will be displayed on the right side. Just click on the one you want.

If you now select one or more icons, you can extract them to single files with the fourth button on the lower left side (Extract Icons). The appearing dialog works the same way as the [Extract-Dialog](#) from the [Resource Editor](#).

### **Cutting an icon from an image**

Choose the entry '\*.BMP; \*.JPG, \*.GIF' in the selection-box. Go to the directory where the image is located and click on its filename. The image is displayed on the right side. Above the image you can choose:

**Fixed Size:** You can take a cut of the given size (8x8 to 64x64Pixel). Click in the image and wait till a square appears (this may take some seconds with large pictures). This square you can move around.

**Free Size:** You can take a cut of the size that you want. Click in the image and stretch a rectangle (with pressed shift-key a square). You can also stretch over the visible area (the more, the faster).

**Whole picture:** The whole picture is resized to the given size (8x8 to 64x64Pixel).

**Notice:** The button 'Print all icons' has changed to 'Capture screen'. With this button the whole screen is captured and shown on the right side. Then you can cut out icons as described above.

Further a new button with the caption 'Insert from clipboard' appears. With this button you can insert the contents of the Windows clipboard and then cut icons from it just like from a normal bitmap.

### ***Extract Icon from an icon resource***

Choose the entry '\*.ICR' in the selection-box. Go to the directory where the icon resource is located and click on its filename. The icons in this resource are displayed on the right side (see above for selection).

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## **The Resource-Editor**

With the Resource-Editor you can create and administrate icon resources. An icon resource is a single file which can contain multiple icons in different sizes and different numbers of colors. You can save a lot of disk space with an icon resource.

Each harddisk is divided into sectors. The size of these sectors depends on the size of the harddisk (e.g. on a harddisk with 1 GB one sector has 32.738 bytes). Each file, even if it has only 100 bytes, uses one whole sector. So a normal icon file with the size of 766 bytes actually has 32.738 bytes on a harddisk with 1 GB.

If you now have 100 icons this means that they use about 3,3 megabytes of disk space. An icon resource with 100 icons instead only needs 100 kilobytes. This way you save 3,2 megabytes of disk space!

Windows uses different icons in the different views. For example if you choose 'Small Symbols' in the explorer, Windows uses the 16x16 icon of the programs. If a program doesn't have a 16x16 icon then it resizes the 32x32 icon to this size. You can avoid this by creating an icon resource with different sized icons. This way you also can draw completely different icons for the 'Small Symbols' and 'Large Symbols' views.

### ***The Interface of the Resource-Editor***

On the top there is a progress bar and below this there is a display where all the icons of an icon resource are displayed. On the bottom the name of the current icon resource is displayed. To mark an icon just right click on it. If you want to mark more than one icon use the 'Shift-Key'.

On the right side some buttons are located:

- Open: Opens an existing icon resource
- New: Creates a new icon resource
- Saving ?: Shows how much disk space you are saving with the current resource
- Tag All: Tags all icons in the current resource
- Untag All: Untags all icons in the current resource
- Extract: Extracts the marked icons from the current resource (see 2.3.4)
- Delete: Deletes the marked icons from the current resource
- Exit: Quits the Resource-Editor

### ***Create a new Resource***

Press the button 'New' and define the name for the resource in the appearing dialog. Now you can add icons to this resource. To accomplish this just drag the icons from the [open dialog](#) to the big display of the [Resource-Editor](#).

Instead of pressing the button 'New' you can drag the icons directly onto this button.

### ***Add Icons to a Resource***

Press the button 'Open' and define the name of the resource in the appearing dialog. Now you can add icons to this resource by dragging them onto the big display in the Resource-Editor. Instead of pressing the button 'Open' you can drag the icons directly onto this button.

### ***Extract Icons from a Resource***

When you press the button 'Extract' a dialog appears where you can choose if you want to specify a separate name for each icon to be extracted (Extract this icon to this file) or if you want the names to be assigned automatically (Extract all icons to files with this base). The picture box on the upper left side shows the current icon. With the two arrows on it's right you can change to the previous or to the next icon.

Example: You have marked 10 icons and now you want to extract them. You want to specify a name for the first two icons and let the rest be named automatically. To accomplish this press the button 'Extract'. The Extract-Dialog appears and on the top left side the first marked icon is displayed. Specify a name for this icon in the textbox on it's right (you also can use the 'Browse-Button' on the right). Now press the button 'extract'. The current icon will be extracted to the given file and the next marked one is displayed. Repeat the steps above but with a different filename. The display below the arrows should show '3/10'. Now choose the option 'Extract all icons to files with...' and specify a basename for them (e.g. Icon). After this press the button 'Extract' again. The remaining eight icons will be extracted and named 'Icon0001 - Icon0008'.

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## **Uninstall 'IconEdit Pro'**

To uninstall 'IconEdit Pro' you can use the default Windows 95 uninstall feature. From your system panel choose 'Software' and search for 'IconEdit Pro'. Press the button 'Install/Remove' and 'IconEdit Pro' will be uninstalled completely.

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## **Questions & Answers**

- 1. Q:** How do I fill an icon with a gradation?  
**A:** First you have to define the colors of the gradation. Let's make a gradation from blue to yellow:  
The colors in the palette are arranged in columns (top to bottom, left to right). Click on the first color in the palette (upper left corner) and use the sliders on the right to set the color to blue. Click on the last color in the first column (bottom left) and assign yellow to it. Now click on the button 'Gradation' (the mouse pointer changes to an up-arrow) and then on the previous defined 'blue' (top left). The gradation is now ready but before you can use it you have to define which colors you want to use for the filling.  
To do this click on the first color of the gradation (blue, top left) and then on the button 'Region'. After this click on the last color of the gradation (yellow, bottom left). Now all colors from blue to yellow in the first column are selected.  
In the menu 'Effects/Gradation Options' you can define if you wan a linear or radial gradation.  
To fill the icon click on the fill tool in the vertical toolbar and click somewhere in the icon.
- 2. Q:** I have created icons which are bigger than 32x32 pixels. In the open dialog these icons are shown in 32x32 pixel.  
**A:** The [open dialog](#) and the [resource editor](#) only displays icons in 32x32 pixels. But if you click on an icon it is displayed in right size on the left side.
- 3. F:** I have created an icon with 256 colors but it is has only 16 colors on the Windows desktop.  
**A:** To display icons with 256 colors on the desktop you have to run Windows in high- or truecolor mode and either need the Microsoft Plus Pack or you have to make an entry in

the registry: Add 'Shell Icon BPP' with the value '16' to 'HKEY\_CURRENT\_USER/Control Panel/Desktop/WindowsMetrics/'.

To make this easier I have included the file 'icon256.reg'. Just double click on this file and the entry will be made for you. After this you have to restart Windows.

- 4. Q:** I can't find a pipette tool to pick up an existing color from an icon.  
**A:** Just click on the color you want to pick up with the right mouse button.
- 5. Q:** I want to use a part of the Windows screen for an icon but I can't find the screen capture tool.  
**A:** In the [open dialog](#) choose '\*.bmp, \*.jpg, \*.gif'. The button 'Print' changes to 'Capture Screen'.
- 6. Q:** Some tool in the [horizontal toolbar](#) doesn't work.  
**A:** Most of these tools only work in high- or truecolor mode. You are running Windows in 256 color mode.
- 7. Q:** I am working in high- or truecolor mode but the tool '[Gradation Options](#)' (on the right side of the text tool) still doesn't work.  
**A:** This tool only works if you have selected a [color region](#).
- 8. Q:** I can't find the undo fields of the previous versions. Doesn't they exist anymore?  
**A:** Just press the space bar on your keyboard...

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## Keyboard-Shortcuts

Besides the Strg-Combinations (given in the menu) you can use the following keys (without <Strg> or <Alt> ...):

**Space:** Shows the Undo-fields

-----  
n: New  
o: Open  
s: Save  
a: Save As  
q: Quit

-----  
z: Undo  
c: Copy  
p: Paste  
t: Copy to Clipboard

-----  
u: Count Used Colors  
g: Show Grid  
-----



h: Flip Horizontal  
v: Flip Vertical  
l: Rotate Left  
r: Rotate Right

1: Antialiasing  
2: Brightness/Saturation  
3: Contrast  
4: Shadow  
5: Change Color  
6: Raise/Inset  
7: Invert  
8: Text  
9: Gradation Options  
0: Spray Options

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i: Insert Frame (Animation)  
d: Delete Frame (Animation)

**I WISH YOU A LOT OF FUN WITH BEING CREATIVE...**

**Please report bugs, suggestions, wishes, ... to:**

**Hagen Wieshofer**  
**Schloßberg 9**  
**A-6391 Fieberbrunn**  
**Tel.: 05354/6524**

**E-Mail:** [Hagen.Wieshofer@uibk.ac.at](mailto:Hagen.Wieshofer@uibk.ac.at)  
**Homepage:** <http://pcwww.uibk.ac.at/subz/c40551>

