

AutoGraphics Manual

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GifWizard

This is a wizard program for quickly put your images into multi-page GIF file.

The program handles few graphics images formats: JPEG, GIF, TIFF, Targa, PCX, DCX, EPS, PNG and Bitmap.

The result GIF file is placed in a selected folder and consists of converted and scaled source images.

GifWizard operation is very simple.

The wizard pages are defined here:

Organize source images

Enter destination image settings

The progress

Supported graphics formats

TIFF(Tag Image File Format): Images with PackBits, Modified Huffman encoding, CCITT Group 3 1D, CCITT Group 3 2D and CCITT Group 4 compression and uncompressed. Monochrome, 256 color, grayscale, 24-bit color and CMYK color formats are supported.

GIF(Graphics Interchange Format): Uncompressed animated, interlaced and non-interlaced images are supported.

BMP(Windows Bitmap Format): All uncompressed and OS/2 Bitmap images are supported.

PCX and DCX(Paintbrush Format): Monochrome, 16 color, 256 color and 24-bit color images are supported.

EPS(Encapsulated Postscript Format): Encapsulated postscript images with and without display images are supported. If the EPS file doesn't contain a TIFF or Windows Metafile display image then the filename of the EPS image will be supported.

TGA(Targa Format): All 8, 16, 24, and 32 bit images are supported. Versions 1 and 2 of the file format are supported although compressed images in V 1.00 format may take longer to display than Version 2 images.

JPEG(Joint Photographic Experts Group Format): All JPEG files in compliance with the JFIF standard are supported. Progressive JPEG images is not currently supported.

PNG(Portable Network Graphics Format): Standard and interlaced PNG images are supported.

Organize source images

This is the title page.

You can add, move and remove images from destination file structure.

This structure must contain at least one image.

To continue, click the **Next** button.

Enter destination image settings

This page keeps settings of a destination file.

Image size -- The scaling mode of the page.

Image palette settings – The number of colors in a destination image and palette type.

Advanced settings:

Background color -- If width or height of the inserted page is less than width or height of the multi-page GIF-image, this color will be used for filling an empty region.

Interlaced -- Destination image can be interlaced.

Scaling method -- The scaling method of the page.

Page order -- If width or height of the inserted page is less than width or height of the multi-page GIF-image, this setting will be used for inserting this page in multi-page GIF-image.

The destination GIF-file path: – Path to the destination GIF file.

Choose settings and click the **Finish** button.

The progress

A progress bar will indicate the progress of GIF file preparation. If you are processing many images, this operation can take several minutes. Please be patient.

When conversions are complete, the program will open the first page and a folder with the destination GIF-file.

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Registration Service

To get registration key for your copy of the AutoGraphicsHTML, please enter the Internet site: <http://www.fcoder.com/registerpage.htm> and select link with title **GifWizard**.

If you have any questions or troubles with registration, please notify us by e-mail: wizard@fcoder.com. We will send an answer to you within two days.

Made by fCoder Group International

The **fCoder Group** was originally formed in Russia by a team of programmers. In the summer of 1998, with the addition of personnel from the United States, it became **fCoder Group International**.

Our **goal** is to design and implement programs that will empower both the computer novice and the experienced "power" user.

Our Philosophy

The personal computer was originally designed to help simplify complicated tasks for the "average" user. Software designers, limited by the speed and availability of memory and storage on these early machines, were forced to write small, simple, task-oriented programs.

In recent years, computers have become more powerful, memory is inexpensive and easy to acquire, and storage, both removable and fixed, is limited only by the depth of your pockets.

The introduction of the graphical user interface (GUI) in Windows™ and its successors provided an environment that was less intimidating to new users. At the same time, it made the computer more versatile, especially in areas like graphics and sound. New programming languages made program development easier and the resultant programs more powerful.

The arrival of the Internet made available untold resources. "Shareware" programs that can be test-driven before making a decision to purchase them are everywhere.

But the original promise of the personal computer has never been truly fulfilled. If anything, computers have become more and more complicated. New "mega-programs", which attempt to be all things to all people, require ever-larger memory and storage resources. Additionally, they are difficult for the average user to learn. If you have any doubt about this fact, just visit the computer book section of any large bookstore.

At **fCoder Group International** we believe that:

1. Programs should be practical, functional, simple, and result oriented.
2. The user should have to do less work to achieve the expected results.
3. The computer should be used as a tool, giving the user the opportunity to make straight-forward choices and then performing the function it was designed for: quickly and reliably doing the repetitive, detailed work necessary to complete the desired task.
4. Programmers need to go "back to the basics," designing programs that can be learned quickly and utilized immediately.
5. Software should be designed to be used in the real world, not in some ideal environment where every user is either a computer expert or wants to become one.
6. Programs should be relevant to today's needs.

Having made our position clear (we hope), we invite you to review the programs we have designed, and to visit us often. We will be adding new programs and we ask that you help us to set our priorities by suggesting areas in which programs are either unsatisfactory or non-existent.

With best regards,
fCoder Group International
www.fcoder.com

Support Service

If you have any troubles or questions with using **GifWizard**, please notify us by e-mail wizard@fcoder.com. We will send an answer to you within two days.

You can download a latest version of **GifWizard** from Internet. To do it, please enter the URL: http://www.fcoder.com/ftp/_gwiz_d.zip in your Internet browser.

General Information

Any of our authorized users can get a consultation in our [support service](#). You can authorize any of fCoder programs using our [registration service](#).

Before registration, please see [License Agreement](#).

[fCoder Group International](#) is developing a lot of [useful and simple programs](#) for you.

Some programs by fCoder Group International

Just point of the BackFlip program at any folder that contains images, independently whether it's on your hard drive, a CD-ROM, your local network or Internet. Tell it how often to change your wallpaper (from once a second to once a day), and watch your screen come alive!

With BackFlip you are not limited to just Windows Bitmap files. You can use JPEG, GIF, TIFF, PCX and Targa images, too.

With the introduction of HTML Publisher Pro, designing a web site has never been easier and the results have never looked better. HTML Publisher Pro simplifies opening-up of your collection of pictures for publication on the Internet, allowing Webmasters to concentrate on content, not presentation.

When completed, you may then transfer your publication to your ftp server using PublicationTransfer. It is provided with HTML Publisher Pro.

HTML Publisher Pro is very easy to use and well documented - you will find it quickly produces quality results.

AutoGraphicsHTML uses a simple wizard interface, which allows you to quickly prepare images for publishing onto the WWW. The program handles some graphics images, including JPEG, GIF and Bitmap.

The output is placed in a separate folder and consists of prepared (converted to GIF or JPEG) large images, created thumbnails and HTML files with hyperlinks from the thumbnails to the full-size images.

The created HTML files can have different designs based on several styles provided with

AutoGraphicsHTML. You can also make modifications to the provided styles or create a new style of your own.

ImageConverter is a powerful tool for working with image collections. It is an extension of your Windows Explorer popup menu.

Using ImageConverter you may convert one or many images with a single mouse click. You can also add a preview of selected image to Windows Explorer popup menu.

ImageConverter supports six graphics formats: JPEG, GIF, TIFF, Bitmap, PCX and Targa.

ThnImage.dll is an ISAPI dynamic link library and is an easy way to create thumbnails for your HTML pages "on the fly". Bitmap, TIFF, PCX, Targa, JPEG, and GIF images can be converted to GIF or JPEG files for your HTML pages without preparation. You need only to set an image size and image type (GIF or JPEG).

Look RS-232 Pro is a program for debugging external devices connected to the PC by means of RS-232 (COM Port). Look RS-232 Pro does this by providing means to monitor and send serial data packets to and from the PC, allowing full duplex communication to the external device.

Look RS-232 Pro is a full 32-bit application and supports all RS-232 features.

Look RS-232 Pro is very easy to use and is well documented.

HiMetric is a nice reference tool for students, engineers and researchers.

Using HiMetric you can quickly translate a value from one unit of measurement to the other. HiMetric contain 600+ units of measurement. You can update these bases by Internet.

Some programs by fCoder Group International: BackFlip

BackFlip (Background Flipper) allows you to cycle your wallpaper on any interval you choose - from once a second to once a day. All you need to tell **BackFlip** is:

1. Which images you want to see, either by selecting a complete folder or by selecting individual images from your hard drive, a removable drive, a CD-ROM, any drive on your network and ftp-server;
2. How often to change the images;
3. How to display the images (centered, tiled, or stretched-to-fit).

BackFlip automatically converts your graphics files from JPEG, GIF, Targa, TIFF or PCX formats to the Windows Bitmap file format that appears as wallpaper on your desktop.

This allows you to save considerable space on your hard drive, because **BackFlip** dynamically converts each file only when it is displayed.

BackFlip resides quietly in your system tray, where you can set its parameters, change the wallpaper without waiting for the selected interval, or even suspend its operation while resource-intensive programs are running.

You can download **BackFlip** from Internet. To do it, please enter this URL:

http://www.fcoder.com/ftp/_backflip.zip in your Internet browser.

Some programs by fCoder Group International: HTML Publisher Pro

HTML Publisher Pro is a powerful HTML publishing tool for working with image collections. A handy wizard-style interface allows you to quickly create framed Web pages that feature object links on the left and full sized objects on the right of the screen.

The menu links can be icons, text, or thumbnails. If you choose to use with the thumbnails, the thumbnail images are created in JPEG format. You can specify the alignment, quality, and size of the thumbnails. You can also used "Alphabetic" or "Numeric" sorting for menu titles (left handle frame with links and thumbnails).

During one of the steps of HTML Publisher Pro, you can indicate your name and title information for the publication. This information will be located on the first page of the publication.

HTML Publisher Pro effectively deals with JPEG, GIF, Bitmap, TIFF, Targa, PCX, DCX, EPSF and PNG images. The GIF and JPEG images are left as is, while the others are automatically converted to JPEG. You can also create links to HTML, text, AVI and VRML files. Java applets and background images are also supported.

Upon completion of your publication you may transfer it to your FTP server using **PublicationTransfer** which is included with **HTML Publisher Pro**.

HTML Publisher Pro is very easy to use and well documented -- you'll find it quickly produces quality results.

You can download **HTML Publisher Pro** from Internet. To do it, please enter this URL:
http://www.fcoder.com/ftp/pub_pro.zip in your Internet browser.

Some programs by fCoder Group International: ThnImage.dll

ThnImage.dll is an ISAPI dynamic link library, which is loaded onto your web server. These libraries allow you to use files in any of six formats (BMP, GIF, TIFF, JPEG, TARGA, PCX) in your HTML pages. You need only set the size of the image and its type (GIF or JPEG).

Instruction for use:

1. Sharing:

ThnImage.dll, PicObject.dll, ImageLoad.dll should be in "web shared" directory with options "Executed scripts" as "on".

2. Syntax:

```
<p></p>
```

[WIDTH] - image width (thumbnail);

[HEIGHT] - image height (thumbnail),

[IMAGETYPE] - JPG or GIF,

[PARAM] - quality of JPEG file. For GIF file this parameter is 0.

[BIGIMAGEPATH] - full path to a full size image.

Example of use:

```
<p></p>
```

You can download **ThnImage.dll** from Internet. To do it, please enter this URL:
<http://www.fcoder.com/ftp/ThnImage.zip> in your Internet browser.

Some programs by fCoder Group International: Look RS-232 Pro

Look RS-232 Pro is a power tool for debugging any external device, connected to the PC by means of RS-232 (COM Port). **Look RS-232 Pro** supports all RS-232 features.

Table 1. Supported com-port initialization features.

Features	Values
Data transfer speed, bodes	110-115200
Data bits	5-8
Stop bits	1/1.5/2
Com port numbers support	1-4
Parity control	none/even/odd/mark/space
Flow control	none/software(xon/xoff)/hardware(rts/cts)/hardware and software

Table 2. Supported data types for sending

Data types	Comments or samples
Hexadecimal data lines	11 2a 7b 88 d2 f0
Macros	You may save any hexadecimal line in a macros. Initialize macro once in the "macro" panel and use it repeatedly.

Table 3. Real time monitored properties.

Properties	Values
Rthreshold	True/False
Sthreshold	True/False
Parity	none/even/odd/mark/space
DTR	True/False
Carrier detect [DCD]	True/False
Clear to send [CTS]	True/False
Data send ready [DSR]	True/False

You can download **Look RS-232 Pro** from Internet. To do it, please enter this URL:
http://www.fcoder.com/ftp/_lrs232.zip in your Internet browser.

Some programs by fCoder Group International: HiMetric

HiMetric is a nice reference tool for students, engineers and researchers.

Using HiMetric you can quickly translate a value from one unit of measurement to the other. **HiMetric** contains 600+ units of measurement. You can update these bases by Internet.

HiMetric support:

Length (46 units), Mass (43 units), Electronic (computer) memory (15 units), Time (27 units), Energy (49 units), Pressure (36 units), Force (27 units), Volume (84 units), Area (56 units), Power (27 units), Temperature (6 units), Speed of straight-line running (57 units), Acceleration of straight-line running (19 units), Brightness of light (4 units), Force of light (2 units), Electric charge (21 units), Electric current (20 units), Electric voltage (20 units), Electric resistance (18 units), Electric capacity (18 units), Electric inductive (20 units).

Do you need more units of measurement? Please notify us by himetric@fcoder.com which and we will add it (or them) to base. You will be able to update your copy of **HiMetric** bases by Internet.

You can download **HiMetric** from Internet. To do it, please enter this URL:
http://www.fcoder.com/ftp/_hmetric.zip in your Internet browser.

Some programs by fCoder Group International: ImageConverter

ImageConverter is a tool for easily working with the image collection. It is an extension for your Windows Explorer popup-menu.

Using **ImageConverter**, you can convert one or lot of images with either a single mouse click or from command line. Image zoom is supported too. You can also add a preview and short info about selected image to Windows Explorer popup-menu.

ImageConverter supports six graphics formats: JPEG, GIF, TIFF, Bitmap, PCX and Targa.

ImageConverter allows you copy an image from a file into the clipboard without opening the file and set a selected image as wallpaper on your desktop.

Using the **Image page wizard** feature you can create new image containing the thumbnails of some selected images.

You can download the **ImageConverter** from Internet. To do it, please enter this URL:
<http://www.fcoder.com/ftp/Converter.zip> in your Internet browser.

Some programs by fCoder Group International: AutoGraphicsHTML

If you want to quickly prepare a HTML page containing many images and easily upload it to your web server then you should use **AutoGraphicsHTML**. Using a simple wizard interface, the program will convert the images you select to GIF or JPG and will arrange these images and thumbnails (which it also creates) to HTML pages and will organize all hyperlinks. You can select from several styles (or create your own style) for the HTML, giving a professional, unified look to your publication.

AutoGraphicsHTML *features:*

1. Quickly convert your image collection for publishing to the Internet;
2. Prepare your images with one or more different styles from style sheet;
3. Custom editing any style from style sheet;
4. Create your own styles and add them to style sheet;
5. Arrange your images into HTML pages;
6. Create thumbnails from your images and arrange them to HTML pages;
7. View and edit the created HTML documents before uploading;
8. Easy transfer the output of **AutoGraphicsHTML** to your web server.

You can download **AutoGraphicsHTML** from Internet. To do it, please enter this URL:
http://www.fcoder.com/ftp/_agraph.zip in your Internet browser.

