

WinJPEG v.2.43 is a shareware image viewer with image processing and conversion capabilities for Microsoft Windows 3.x. It has the following features:

- display JPEG, TIFF, Targa, GIF, PCX, or Windows BMP images
- export an image to JPEG, TIFF, Targa, GIF, PCX, Windows BMP, or OS/2 BMP
- display of JPEG images with 1-pass/2-pass quantization and Floyd-Steinberg dithering
- display an image with its full palette
- display an image in full screen mode
- print an image with scaling or with best proportional fit on the page
- color balance: red, green, and blue adjustment
- hue, saturation, and brightness adjustment
- color to grayscale conversion
- gamma correction
- image rotation, vertical or horizontal flip, image resizing, and image cropping
- batch file compression of GIF, TIFF, or TARGA files to JPEG File Interchange Format (JFIF) with optional smoothing
- slideshow: display selected files sequentially with a cycle option
- image buffering in a cyclic slideshow
- copy a portion of or the entire image to the clipboard, paste an image from the clipboard
- capture a window, the client area of a window, or a portion of or the entire desktop
- support for Windows 3.1 features like drag-drop and common dialogs
- support for file name extension association and starting a slideshow from the command line

There are two versions of WinJPEG: a 386/486 version for 386's or better and a 286 one for 286's or better. The shareware version is a fully functional 286 version. The 386/486 version can be obtained by registering WinJPEG.

#### CONTENTS OF ARCHIVE

The following files are contained in this archive:

bwcc.dll - Borland Windows Custom Controls library  
commdlg.dll - common dialog library  
order.frm - WinJPEG order form  
readme.1st - this file  
shell.dll - shell library  
whats.new - changes from previous versions  
winjpeg.exe - WinJPEG Shareware 286 Version  
winjpegl.dll - WinJPEG library  
winjpeg.hlp - on-line help for WinJPEG

#### DISTRIBUTION CONDITIONS

You are free to distribute this shareware version of WinJPEG as long as the following conditions are met:

- 1) The distributed archive must contain ONLY the files listed above.
- 2) The contents of this archive are NOT MODIFIED in any way.
- 3) This version is not to be sold. However, a reasonable disk copying fee is permitted.

4) This version is not to be bundled with a commercially sold package without permission from the authors.

#### INSTALLATION NOTES

If you associate a file extension with WinJPEG, you can double click on a file with that extension in File Manager and WinJPEG will automatically display that file. There are two ways to associate an extension with WinJPEG. The easiest way is to run File Manager, to click on a file with the desired extension, and to select the Associate command from the File Menu. Then type "winjpeg.exe" with the appropriate path (e.g. c:\winjpeg\winjpeg.exe). The other way is to modify the Extensions section of the "win.ini" file in your Windows directory. Your "win.ini" may look like this after you modify it:

[Extensions]

...

```
jpg=c:\winjpeg\winjpeg.exe ^.jpg
gif=c:\winjpeg\winjpeg.exe ^.gif
tga=c:\winjpeg\winjpeg.exe ^.tga
bmp=c:\winjpeg\winjpeg.exe ^.bmp
pcx=c:\winjpeg\winjpeg.exe ^.pcx
tif=c:\winjpeg\winjpeg.exe ^.tif
```

Note that you don't have to use the suggested extensions (e.g. you can use .jpe instead of .jpg); WinJPEG will automatically detect the file format.

If you are using Windows 3.0, you must copy "commdlg.dll" and "shell.dll" to your Windows system directory(e.g. C:\WINDOWS\SYSTEM).

If WinJPEG GPF's, we recommend that you restart Windows before running WinJPEG again.

#### HOW TO REGISTER

If you use WinJPEG for more than 14 days, you are expected to register WinJPEG. When you register, you will receive the latest 286 and 386/486 versions of WinJPEG, a user manual, and a collection of JPEG images (we will put as many as we can fit on 2 720k 3 1/2" floppies, on 1 1.44M 3 1/2" floppy, or on 4 360k 5 1/4" floppies). The 386/486 version is twice as fast as the 286 version in viewing JPEG's without sacrificing image quality. Also, the registered version does not have the reminder-to-register screen at the start.

The registration fee is only \$20. MA residents, add 5% sales tax to the registration fee. US residents, add \$4 for shipping and handling; non-US residents, add \$8 for shipping and handling. If you want WinJPEG e-mailed to your account instead of having it physically mailed to you, there is no extra shipping charge.

Registered users of WinJPEG can purchase the latest version for \$5. Shipping fees described above apply to these updates as well. Updates are available when you see a new shareware version.

For e-mail registrations, you need to use a program called "uudecode" to decode the uuencoded file that we e-mail to you. For your information,

a uuencoded file is a binary file that is converted to text by a program called "uuencode". If your mail system rejects large messages, we will split the uuencoded file into smaller parts before mailing the parts to you, and you will need to edit the messages with a text editor before you can decode them. Compuserve, for example, does not permit large e-mail messages. Also, the uuencoded file is rather large; it is greater than 500k for WinJPEG. Compuserve users may find it less expensive to receive WinJPEG via U.S. Mail.

Registrations with the incorrect fee or with non-US currency will be returned. Foreign registrations must send US currency or a check drawn from a US bank.

To register, complete the order form and send a check to:

Norman Yee  
58 Chandler St.  
Boston, MA 02116

#### REPORTING BUGS

If you find a bug in WinJPEG, we would appreciate it if you would inform us of the bug through one of our e-mail accounts:

Norman Yee  
nyee@osiris.ee.tufts.edu

Ken Yee  
kenyee@ksr.com

When you send us a bug report, include a description of the procedure for reproducing the bug and a description of your system configuration(hardware and software).

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#### ACKNOWLEDGMENTS

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TIFF support in WinJPEG is based in part on Sam Leffler's TIFF library.

The code for the Dither24to15 option is based in part on the work of Mohammad A. Rezaei.

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