

Image Librarian 2.0
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The Netherlands

see registration info at the end of this document

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VERSION

The current version of the Image Librarian IMAGELIB is 2.0, september 07 1996.

INSTALLATION

To install Image Librarian, unzip the archive to a convenient directory (e.g. c:\imglib), using:
pkunzip imglib20.zip <destination>

When started for the first time, Image Librarian will create an entry in your WIN.INI file. No further modifications of Windows files are required, nor does Image Librarian place files in your windows\system directory. You may need to put the directory of imglib in your path environment variable (e.g. set PATH=%PATH%;c:\imglib) when you plan to use Xview as the external viewer.

DESCRIPTION

The purpose of Image Librarian is to create overviews of one's collection of images. The RIL library offers a method to group a collection of the thumbnails of images (GIF and JPEG and TARGA) into one file. Special attention has been payed to the quality of the overviews. All thumbnails will fit into a square, which may be defined by the user. For aspect ratio preserving overviews (when height does not necessarily equal width), the larger dimension will not exceed the library's size. This way, all thumbnails can be shown in a matrix, while the thumbnails themselves are not over-resized in one dimension. To ensure that thumbnails, while being displayed at one time, all look like their original images, the colours of all images in a RIL library are mapped to one colour-space of 256 (LUT8) colours. Dithering and filtering the images helps to make a qualitative reasonable presentation. For example Floyd-Steinberg dithering methods, smoothing filters and gamma-correction are used to map the image to the RIL palette. This eliminates the draw-back of inaccurate colour computation that is seen in much thumbnail programs. Furthermore, Image Librarian does just what its name says: it maintains libraries of

images. Its philosophy is "small is beautiful". That's why for example you may (should!) use your favorite viewer to view the original image at real size. Of course it can be launched by clicking on thumbnails.

The shareware version limits RIL libraries to 15 thumbnails. By registering, you will receive the registered version of Image Librarian, which does not limit the number of thumbnails. For registration, see the register section in this document.

Note that you must register your shareware copy if you decide to continue using it after an evaluation period of 30 days!

EXPLANATION OF MENUS

Library

Open open existing or create new library
Close close library
Options view options for current library
Exit exit program

Image

Add add one or more images (GIF or JPEG)
Remove remove image in active window
Info get image information
View start external viewer to view original image
Options select dithering and filtering of new images

Options

Stretch Thumbnails stretch images to fill their window
Grayscale Palette use gray or color palette
Gamma set gamma correction (brightness/contrast)
Background select thumbnail background
Viewer set path to external viewer for full-size image
NOTE: you may also click RIGHT mouse button on thumbnail windows to start the viewer

Image Path set base path (not a root-dir) for original images
Image Librarian searches the original image in:
- directory where the image was stored on creation of the thumbnail
- DOS PATH variable
- (this) Image path and all its subdirectories
Ignore errors if possible: do not display the error notification. This option is useful when adding multiple images, of which some may not be valid

Backup Libraries create backup of library when it is opened

Short/Long menus switch short/long menus

Window

Bitmap buttons

size, order, view windows and icons
from left to right:
- open a library
- add images
- delete image
- switch grayscale / color palette
- set gamma correction
- (un)stretch thumbnails to their windows
- display image information
- view original image
- matrix windows
- display about window

REQUIREMENTS

hardware: PC, 386+
for speed, a coprocessor would be nice
(S)VGA, 256+ colors
software: MS-Windows 3.1+ with 256-color display driver
and a lot of harddisk space and RAM if you are an image collector.

FEATURES ADDED TO VERSION 1.0

- allowing to add multiple images at once
- added some bitmap buttons
- enhanced the menu-item names so that they are more meaningful
- added the option to interrupt when adding images
- all settings are stored in an ini file
- removed some bugs
- better library management
- faster dithering routines

FEATURES ADDED TO VERSION 1.5

- improved interface-look
- added uncompressed-targa support
- improved gif support (except interlaced images)
- better error handling
- choice between short menus and long, meaningful menus

FUTURE

Future implementations will contain:

- more image-processing
- library compression
- multiple-libraries
- more image-formats.
- get rid of the dependency on the Windows resource limit
- MAYBE YOU HAVE AN IDEA?

SHAREWARE VERSION

No modifications may be made by others than me. I am NOT, as is usual with shareware, responsible for any consequences that follow directly, or indirectly, from the use of this software. Read the disclaimer at the end of this document.

REGISTERED VERSION

Registered users receive their copy of Image Librarian after payment. They will receive updates of Image Librarian, up to the next major release. (e.g. 2.x users will receive copies up to and including version 3.0 for free). See the registration sections below.

ACKNOWLEDGEMENTS

SOFTWARE

I am required to state that "part of this software is based on work of the Independent JPEG Group", which distributes the source for JPEG decompression routines freely. All other parts of this software are written by me.

IMAGES

As far as I know, the images that are used for the example libraries are not copyrighted.

SUGGESTIONS

If you have any suggestion, recommendations, bug-reports etc, please send them to R.L.F.v.Paasen@stud.tue.nl

DISTRIBUTION

This software is distributed as an archive -ZIP- file, zipped with PKZIP, version 2.04g. The archive contains the executable IMAGELIB.EXE (to run under Windows 3.1+), two example libraries EXAMPLE1/2.RIL and this file.

The SHAREWARE version may freely be distributed in its originally, archived form.

AUTHOR

Please feel free to give any comments, suggestions or bug-reports, send them to my email address:

R.L.F.v.Paasen@stud.tue.nl
or write to

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5643 RN Eindhoven
The Netherlands

REGISTRATION INFO

REGISTRATION FEE / PAYMENT

Registered versions of Image Librarian, cost HFL 50 Dutch Guilders or \$30 US Dollars (exchange rate Spetember 09, 1996) per copy. Additional to this registration fee, you have to pay me (and your bank) an amount, depending on the way you transfer the money. Below, I have summarized some possibilities. Some of them are more expensive, because banks do charge for international money transfers. The amounts I have listed include the registration fee and (part of) the amount my bank charges me for the international transfer. Keep in mind that your bank may charge you a small amount too. Note that exchange rates may vary in the future.

Furthermore, if you know someone in the Netherlands, consider to ask him/her to send the money. Else, consider the option to send money by registered post. We don't contribute to the profits of our banks then, so it will be cheaper. Read the following information carefully, it may save you money. If you are not sure which method to choose, contact me at :

R.L.F.v.Paasen@stud.tue.nl

FROM THE NETHERLANDS (Nederland)

Bank transfer

The best way to send me money is via a BANK or GIRO (clearing-bank/post bank) transfer from within the Netherlands. This method is only accessible for Dutch people, and because I am Dutch, this only costs you the registration fee. No transfer costs are charged.

AMOUNT: HFL 50 (Dutch Guilders)

RECIPIENT: R.L.F. van Paasen
account: Giro 3392769 or ABN-AMRO Bank 43.90.16.096
Eindhoven, The Netherlands.

FROM EUROPE and JAPAN

EuroGiro transfer

The EuroGiro is an international banking system for clearing-bank (GIRO) customers in Europe and Japan. Transfers do cost a little (for me and maybe for you). Ask your bank whether a EuroGiro transfer to the Netherlands is possible. If it is, this will be the cheapest solution for you.

AMOUNT: HFL 60 (Dutch Guilders) or \$ 36 (US Dollars)

RECIPIENT: R.L.F. van Paasen
account: Giro/Clearing-bank: 3392769

Eindhoven, The Netherlands.

ALL COUNTRIES

International bank transfer

This option will cost some more money (for me and for you). This transfer method sometimes is called "SWIFT", but you should ask your bank how to transfer internationally.

AMOUNT: HFL 75 (Dutch Guilders) or \$ 45 (US Dollars)

RECIPIENT: R.L.F. van Paasen
account: ABN-AMRO Bank 43.90.16.096
Eindhoven, The Netherlands

ALL COUNTRIES

International money order

International post-office order

International bank cheque

Euro cheque

This option costs the same as an international bank transfer. However, you have to send the order/cheque to me by registered post, and I have to clear it at my bank.

Be sure to send me the order/cheque by registered post, otherwise it could "disappear" somewhere between your country and mine.

AMOUNT: HFL 75 (must specify Dutch Guilders)

RECIPIENT: R.L.F. van Paasen
account: ABN-AMRO Bank 43.90.16.096
Eindhoven, The Netherlands

Post address: R.L.F. van Paasen
Moreelselaan 42
5643 RN Eindhoven
The Netherlands

ALL COUNTRIES

Money, bank-notes

This method could be the cheapest for you, depending on the costs of registered post. You may just send me the money (bank-notes) by post. Put HFL 50 (Dutch Guilders) or \$ 30 (US Dollars) in an envelop, put some stamps on it and send it to me by REGISTERED POST! Unregistered envelopes that contain money have a reputation to be vanish-sensitive.

AMOUNT: HFL 50 (Dutch Guilders) or \$ 30 (US Dollars)

Post address: R.L.F. van Paasen
Moreelselaan 42
5643 RN Eindhoven
The Netherlands

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To register:

- send me the money, see the list in the registration fee / payment section for the method and the amount per copy.
- send me an email to **R.L.F.v.Paasen@stud.tue.nl** (or regular mail) so that I know who to contact. Specify which payment method you've chosen, the amount and the name that will appear on your payment. Fill in the order form below and send it to me.

You'll receive your registered copy of Image Librarian (the latest version) via ftp, email or regular mail (floppy, only if ftp or email is not possible). Your copy of Image Librarian will contain your registration name, which you can specify in your email. If you don't explicitly provide a name, I use the name I can derive from your email. Two lines of 30 characters each may be used in registration names (e.g. 1 line with your real name, 1 line with your email address, company, or whatever you like).

As soon as I've received your order, I will send you an acknowledgement, and ship your Image Librarian.

ORDER FORM - please fill in and send to me:

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ORDER FORM FOR IMAGE LIBRARIAN	RvP20-1
Name: _____	as will appear on your payment
Address: _____	not required
_____	not required
_____	not required
Country/State: _____	as will appear on your payment
Email: _____	for acknowledgement from me
number of copies: _____	contact me for 6 or more
registration name: _____	max. 2 lines of 30 chars
_____	defaults to Name and Email
Payment method: _____	see the payment methods
Amount payed: _____	see the payment methods
Date of order: _____	
send IMGLIB by: (ftp/email/post mail)	choose a method and fill in your
address: _____	email, ftp (upload) or regular post
_____	address.

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