

JPEG-Box

COLLABORATORS

	TITLE : JPEG-Box		
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REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

JPEG-Box

1.1 JPEG-Box_Documentation

JPEG-Box V4.33 (11.11.2001)

- SHAREWARE -

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A PerSuaSiVe SoftWorX PRODUCT.

Needs Kickstart V2.04. Kickstart release 3.x compatible.
GUI created with StormWizard 2.0

Actively supports PowerPC (TM) via powerUP (TM)
and ppc.library (or -emulation V0.6b+)

<Commercial> BTW: What is SViewIV ? </Commercial>

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Copyright
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Distribution
The program's purpose
How to install it
68020-68060, PPC
Where to obtain Updates from
How to use it
Evaluation restrictions
Correspondence
Thanks
Version-History

PowerPC (powerUP) support
What can be expected ?

— //
Only \X/ Amiga makes it possible.

Please visit:

WWW Support Site
<http://www.ar-kleinert.de> (AWeb-II)

Simon Edward's Image Engineer WWW Site
<http://www.amigaworld.com/support/imageengineer/>
(Image Processing program produced by Simon Edwards)

1.2 copyright

The program JPEG-Box in this version and its documentation files are (C)opyright 1998-2001 by Andreas R. Kleinert. All rights reserved.

The right of using this program is granted to you by paying the SHAREWARE-fee of 25 DEM (15 U\$) [email shipment], respectively 30 DEM (20 US) [snail mail shipment] or equivalent (e.g. in Euro) to the author.

You will receive a personal KEYFILE.
See registration form for details.

JPEG-Box makes use of SuperView-Library, which is (C)opyright 1993-2001 by Andreas R. Kleinert and comes separately. It has its own distribution and usage conditions. Read carefully.

This software is based in part on the work of the Independent JPEG Group.

Some of the mentioned names or products above may be copyrighted by companies or trademarks of companies.

Should any of the listed terms and clauses within this document not be valid in conjunction with the law of certain countries this does not affect the validity of the other clauses.

1.3 disclaimer

The author takes no responsibility for any results of the use of this program.

This software is provided "AS IS" and there is no warranty of any kind, so that you use this software at your own risk.

The author reserves the right to discontinue development of the program.

1.4 distribution

Registered users which paid the SHAREWARE-fee get the rights described on the registration form.

The REGISTERED version of JPEG-Box MUST NOT be redistributed.
The Distribution of Keyfiles is FORBIDDEN.

The following only applies to the unregistered evaluation (EL) version of JPEG-Box:

The program JPEG-Box in this version is freely distributable (SHAREWARE). You may copy it, if the copyright notice is left intact and all of its parts are included in the distribution. This program must not be included in commercial packages or commercial program collections without my written permission. This program must not be sold in any way, but it is allowed to take a nominal fee including the costs for copying.

This program may be put on public domain disks or included in public domain disk libraries.

Special permission hereby goes to Fred Fish's AmigaLib-Disks and the german series (in alphabetical order):
AmigaSzene, BerndSPD, FRANZ, GPD, SaarAG, TAIFUN and TIME.

This program may also be distributed via electronic mail and may be put into mailboxes as long as the redistribution conditions are respected in all points.

By using or distributing this program you automatically agree to all of the above conditions and terms.

1.5 purpose

JPEG-Box is a program that has been designed to write JPEG (JFIF) files for WWW usage as easily as possible.

It can read any file format SuperView-Library does support and can make a JPEG file out of it (see USAGE section for details):

- support of external Fileformat-Libraries (SVObjects):

- | | | |
|--------------------|---------------------|------------------------|
| - IFF-ACBM | - Windows, OS/2 BMP | - PNM (PBM, PGM, PPM) |
| - IFF-ILBM | - JPEG (JFIF v6) | - IMG (GEM Graphics) |
| - IFF-DEEP | - PhotoCD | - WPG (WP Bitmaps) |
| - IFF-FAXX | - TIFF | - MacPaint MAC |
| - IFF-PBM | - PCX | - EPS (Header/PS) |
| - IFF-RGB8 | - Atari Degas | - C64 (Koala, Doodle) |
| - IFF-RGBN | - Spectrum ZX | - TIM |
| - IFF-RGFX | - XWD | - FBM |
| - IFF-YUVN | - Windows Icon | - CDR-Previews |
| - QRT/POV Raytrace | - Mac PICT-2 | - SGI |
| - SPP | - SVG | - Targa |
| - Pictor/PCPaint | - SunRaster | - UtahRLE |
| - PNG | - CVP (passphoto) | - Icons (WB/Magic/New) |

as well as all OS3-Datatypes
and 24 Bit DataTypes (picture.datatype V43).

Many formats with 24 Bit-Support.
Reads XPK- and PP20-packed data via Unpack.svobject.

Writes C-Sourcecode in chunky/RGB notation.

Together with external third party programs also the
following file formats seamlessly can be embedded:

File Format	needs program	also needs support for
-----	-----	-----
- AMF	MetaView	(ILBM)
- DXF/AutoCAD (tm)	MetaView	(ILBM)
- FIG	AmiFIG	(Postscript)
or:	MetaView	(ILBM)
- CGM	GPlot	(Postscript)
or:	MetaView	(ILBM)
- IFF-DR2D	MetaView	(ILBM)
- IFF-DRSD	MetaView	(ILBM)
- Limbo	Limbo 4.0	(PNM)
- Postscript (TM)	Ghostscript	-
- WPG-Vector	MetaView	(ILBM)
- WMF	MetaView	(ILBM)

- support of external periphel devices (DEVICE-access SVObjects):
 - Scanner (scanner.device of ScanQuix)
 - Camedia (digital cameras)

1.6 installation

Even if you use the supplied Installer-Script, you should read the following notes. If you do not own the standard Installer-Program you should read them even more carefully and follow the instructions given.

Note: Should after starting the installer script appear an error message "Can't find program 'Installer'" (or similar), you have to enter the correct path to your Installer program via the Workbench menu Icon/Information.
Please do also not forget, to obtain and install SuperView-Library !

If you own a KeyFile, place it to "S:", or place it elsewhere and change the environment variable "KEYPATH" to the corresponding directory.

The SuperView-Library has to be obtained and installed seperately, anyway !

Needed Workbench Resources

HardDisk-Users won't perhaps have to install any additional Workbench Resources to their HardDisk.
Disk-Users will have to copy the following libraries into their "LIBS:"-Directory, if these not already do reside in ROM (may depend on the version of the operating system):

- gadtools.library V37+ (V39 versions recommended;
- asl.library V37+ it's really time to upgrade
- utility.library V37+ to OS 3.1)
- workbench.library V37+
- icon.library V37+

Users of OS V2.04 or greater should also install the following libraries:

- amigaguide.library V34+
(please avoid using V34 - it's known to cause problems)

Other needed Resources

You will also have to copy the following libraries to your "LIBS:"-Directory (plus SVObjects, SVDivers and SVOperators):

- superview.library V22+
- superviewsupport.library V13+

GUI has been designed with StormWizard 2.0, so this program needs "wizard.library" V37+ (you can find a copy on Aminet under "biz/haage/WizardLibrary.lha").

For PowerPC support (optional modules) the following libraries are needed:

- ppc.library V45+ (V46+ recommended)

1.7 updatenote

General

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Although the JPEG-Box archive does contain most of the needed parts, you might wish to get updates sometimes.

The newest version usually can be found on Aminet under Aminet:gfx/conv/JPEG-Box.LHA

SuperView-Library can be found under Aminet:gfx/misc/SvIV-#?.lha

## 1.8 usage

The GUI is quite self-explaining:

You can load SuperView-Library supported formats from:

- disk
  - clipboard
  - specific devices (Scanner, etc.)
-



and save these as JPEG (JFIF) files with the following options:

- progression on/off
- compression 0..100 (attention: "0" means BIGGEST compression !)

The GUI will display some useful information about the work being done, there are also some useful menu entries.

It's also possible to view the JPEG compression source and destination files in a window on workbench. This way there's a preview possible.

That's it :-)

## 1.9 evaluationrestr

This is the evaluation version of JPEG-Box, which is SHAREWARE.

- it ticks down a 30 seconds counter in the "annoy" requester at startup
- the PPC native JPEG save module ("JPEG-Box.svm" or "JPEG-Box.dll") can't be utilized

## 1.10 history

V4.40 (16.9.2001):

- removed WOS support

V4.33 (11.11.2000):

- there was another "spaces in pathname" handling bug in the "view saved file" routine  
(-> Kolbjorn Barmen)

V4.31 (6.5.2000):

- added german documentation (by Gerd Frank <Gerd.Frank@gmx.de>)
- bumped millenium

V4.30 (6.12.99):

- a few small - but necessary - changes
  - changed image viewing mechanism
  - please use at least V41.101 of wizard.library.  
You should find a copy coming with demo versions of various programs under ftp.haage-partner.com
  - the recommended alternative for WarpOS (WOS) users is, to upgrade to WarpOS V4.0 and install the latest ppc.library emulation by Frank Wille
-

(V0.6d or higher, V0.6 will not suffice), then  
run the PPC datatype in emulation mode (see prefs).

The latest ppc.library emulation for WOS can be found on  
Frank Wille's homepage under <http://home.owl.de/~frank/>

- if you need to create/optimized PNG (PiNG) graphics  
for WWW uses or other purposes, please have a look  
at our PNG-Box tool, which has been designed  
especially for this purpose (Aminet:gfx/conv/PNG-Box.lha)
- credit card online registration via RegNet now  
is possible. Some special Offers have been  
set up for you, some of wich are derived from the usual  
Discount list.  
Or go to <http://www.ar-kleinert.de> to the Amiga Software Area  
(RegNet page) and order with only one click! Please have a look!
- please note our new WWW domain [www.ar-kleinert.de](http://www.ar-kleinert.de)

V4.21 (25.11.99):

- fixed "spaces in pathnames" problem for viewer  
(-> Kolbjorn Barmen)

V4.20 (7.11.99):

- improvements in detail
- updated docs

V4.15 (24.9.99):

- PPC DCT speedup
- updated docs

V4.14 (5.8.99):

- small changes

V4.13 (13.6.99):

- "ask overwrite" now does work as it should  
(-> Kimme Utsi)
- "add extension" actually was "replace extension";  
now also adds an extension, if there wasn't one before  
(-> Kimme Utsi)
- fixed problem, when WS.EXE was in a PROGDIR: with  
ending with a colon (device, assign)  
[-> the colon wasn't handled as it should have been]  
or with a white space [-> wasn't handled at all]
- suppressing WS.EXE's CLI output now (oops)  
(-> Kimme Utsi)

V4.12 (1.6.99):

- maintenance release
-

V4.10 (1.4.99):

- now at least does require SuperView-Library V23+
- uses new ppc launching system of above mentioned version
- .elf module renamed to .svm
- added WOS PPC module (.dll)

V4.00 (19.3.99):

- it's now possible to view the JPEG compression source and destination files in a window on workbench. This way there's now a preview function available.

V3.26 (2.3.99):

- small changes
- updated docs

V3.25 (1.1.99):

- updated docs, new year maintenance, etc.

V3.23 (28.11.98):

- now asks before overwriting existing files (optional)
- removed old logfile code
- adjusted version requirements
- reworked docs
- bumped version to illustrate equality to PNG-Box' state of development

V1.02 (16.11.98):

- PPC I/O speedup

V1.01 (17.10.98):

- gadget text mentioned wrong extension (.png instead of .jpg)
- added modified GUI, with nicer JPEG 'icons' (-> graphics composed and added by Georg Rottlaender)
- made sure, that the progress bar ends at 100% always when saving (in 68k mode, sometimes 97% or something like this was possible) (-> Jon Peterson)
- updated docs

V1.00 (2.10.98):

- first release

## 1.11 correspondence

\*\* General PerSuaSiVe SoftWorX WWW Support Site is <http://www.ar-kleinert.de> \*\*

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|  |                                         |  |
|--|-----------------------------------------|--|
|  | You may reach me the following way.     |  |
|  | Send bug-reports, money or whatever to: |  |

---

```

|-----|
|      * SuperView Development & Registration *      |
|      * DRAFU Development & Registration *          |
|      * Image Engineer Registration Site Europe *    |
|                                                     |
|               PerSuaSiVe SoftWorX                  |
|                                                     |
|               Andreas R. Kleinert                   |
|               Rabenflugstrasse 1                   |
|               D-57074 Siegen                        |
|               Germany, Europe                      |
|                                                     |
|               +49-271-22869                         |
|               (also FAX + AM)                     |
|                                                     |
|               Weekdays after 18.00h.              |
|                                                     |
|               When calling via phone you may leave a message, |
|               if I'm not available - but don't expect me |
|               calling back to USA, Australia, ... since |
|               german phone rates are HIGHLY expensive.   |
|-----|

```

EMail:

Please ask before sending binaries!  
 And please think twice before asking - my postbox  
 is not unlimited in size.

- Usenet  
 >>> info@ar-kleinert.de  
 Andreas\_Kleinert@gmx.de  
 Andreas\_Kleinert@t-online.de

## 1.12 thanks

Thanks go to (in order of appearance ;-)

=====

(some of these people did register, others did make  
 suggestions/bug reports - how about you ?)

- Roman Patzner (RomIcons)      - Georg Rottlaender

Credits go to Georg Rottlaender <Georg.Rottlaender@home.ivm.de>  
 for improving my original PNG-Box Wizard GUI and making it more  
 user-friendly, plus for some changes to the JPEG-Box GUI.

Beta Testers:

- Georg Rottlaender                      - Jon Peterson                      - Kimme Utsi

- Kolbjorn Barmen

- Gerd Frank