

# **akPNG\_Documentation**

**COLLABORATORS**

	<i>TITLE :</i> akPNG_Documentation		
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The Chaos theory for example deals with trying to catch the god damned butterfly, which caused the many storms the last times.  
(see "Witches Abroad" by Terry Pratchett)

Ahm...well:

...and thanks for all the fish.

## 1.2 copyright

The akPNG.datatype in this version and its documentation files are (C)opyright 1996 by Andreas R. Kleinert. All rights reserved.

The right of using this program is granted to you by paying the a SHAREWARE-fee of 15 DEM (10 U\$) or equivalent to the author, or by being a owner of a Shareware program or commercial software, whose authors did avoid that for the users of their software (see below).

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.

This software is based in part on the png reference library (including libpng and zlib), which allows being used e.g. for freely distributable and commercial programs.

libpng:

Copyright (c) 1995, 1996 Guy Eric Schalnat, Group 42, Inc.

Contributing Authors:

Andreas Dilger  
Dave Martindale  
Guy Eric Schalnat  
Paul Schmidt  
Tim Wegner

zlib:

(C) 1995-1996 Jean-loup Gailly and Mark Adler

## 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.

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## 1.4 distribution

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This program MAY be included in commercial packages or commercial program collections without my written permission, nevertheless it must not be sold commercially as a single program.

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This program may be put on public domain disks or included in public domain disk libraries - when being distributed that way, it is allowed to take a nominal fee including the costs for copying, without considering that as "commercial" in the above mentioned sense.

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 payment

You may send cash money in an envelope, euro-cheques, or just transfer the 15 DEM shareware fee to the following account (mention your name): Deutsche Bank Siegen, BLZ 46070090 Kto. 0298174

## 1.6 Usage and so on

Usage

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Just install the datatype files to their appropriate directories, and copy the akPNGPrefs command to SYS:Prefs (optionally).

Program information

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akPNG.datatype is a new PNG datatype, which is based on the latest PNG sources (zlib V1.0.2, pnglib V0.88).

So it does support 8 Bit color mapped files and True color files (16, 24/32, 48 Bit) while 16 Bit (5:5:5/5:6:5) will be expanded, and 48 Bit (16:16:16) will be cut down to 24 Bit (8:8:8)

With V39-V42 picture.datatype it produces 256 color palette-based output (256 colors exported unmodified, 24 Bit data converted to

either HAM 6 or HAM 8) with Ralph Schmidt's picture.datatype V43 any 24 Bit output will be done unmodified.

You must use the included preferences program for best configuration.

akPNG.datatype is SHAREWARE, the future depends on YOU (-> see README).

## 1.7 correspondence

```

|   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
|           Sandstrasse 1
|           D-57072 Siegen
|           Germany, Europe
|
| Any snail mail to the old address will still be routed.
|
|           Phone:  +49-271-22869 also FAX + AM
|                   +49-271-22838
|
|           Weekdays after 17.00h.
|
|           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:

DO not SEND ANY binaries (or uuencoded) VIA THE FOLLOWING EMAIL ADDRESSES, EXCEPT MAYBE small ONES VIA t-online.de (smaller or equal 16 KB).  
THANK YOU.

- Fido     Andreas Kleinert 2:2457/350.18
- Usenet                   Andreas\_Kleinert@superview.ftn.sub.org   (Fido-Gate)
- Andreas\_Kleinert@t-online.de       (T-Online)
- ARK@COB.wwbnet.de                   (Z-Netz)
- If nothing else works, try one of these public Fido-Usenet gateways:

In Germany:

Andreas\_Kleinert@p18.f350.n2457.z2.fido.sub.org

From USA or elsewhere:

Andreas\_Kleinert@p18.f350.n2457.z2.fidonet.org

Please note, that the "superview.ftn.sub.org"  
domain will perhaps be renamed in late 1996.

## 1.8 thanks

Thanks go to (in order of appearance ;-)

=====

- Ingo Jürgensmann (for the idea)

## 1.9 prefs

akPNGPrefs

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akPNGPrefs is the Preferences Program for akPNG.datatype.  
GUI has been created with Designer 1.54 by Ian O'Connor.  
Icon by Detlef Winkler (same as SVPrefs.info)

You can do the following, settings, which will be written  
to ENV: and/or ENVARC: into a settings file called  
"Datatypes/akPNG.prefs":

- 1) HAM\_MODE=(HAM6|HAM8)
- 2) PROGRESSBAR=(ON|OFF)

That's mostly self-explaining, but as an example,  
here are the default settings and a short explanation:

HAM\_MODE=HAM6  
PROGRESSBAR=ON

General Explanation of Options

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- 1) HAM\_MODE

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HAM6: generates HAM6 output for 24 Bit, when running V39-42  
HAM8: generates HAM8 output for 24 Bit, when running V39-42

- 2) PROGRESSBAR

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ON: pop up percentage display  
OFF: do not pop up percentage display

## 1.10 history

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## History

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V43.1 (1.11.96) : - first release (with V43 support)