

PCD

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COLLABORATORS

	TITLE : PCD		
ACTION	NAME	DATE	SIGNATURE
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REVISION HISTORY

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Chapter 1

PCD

1.1 PCD Manager 4

PCD to IFF24 converter with graphic interface

Allenbrand Brice - Ringard' Production - 24 Jan 1998

MAJOR UPDATE !!

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1.2 HIStory

Since 3.0e :

MAJORS:

CYBERGRAPHX COMPATIBLE

NEW THUMBNAIL SYSTEM

TOTAL CODE REBUILD

EXECUTABLE 30% SMALLER

NOM ORE LIMITATION WITH THE CHIP MEMORY

FARGO FOTOFUN COMPATIBLE !

ROTATION HANDLED

LOCALISATION

MINORS:

Blablabla :)

1.3 intro

There were so much converters using either alien libraries or just called a Shell command to execute a script. Most of them didn't manage correctly the memory. I decided to write PCD Manager.

PCD Manager is a thumbnail builder with built-in selection for converting to IFF 24 or IFF 8. It has been written in C non-ANSI and Amiga system friendly, to have the smallest/fastest executable file. Compiled with SAS/C 6.58

PCD Manager combines all these properties

It has a graphical interface on which you can zoom.

It recognizes all the PCD resolutions.

It uses Amiga library routines in a friendly way for speed.

It uses C2P Hardware when found.

It uses an adaptive **memory** management system.

It doesn't have any Enforcer hits.

It is small.

It doesn't need more stack.

It doesn't **need** any Alien Library.

It takes care for PAL/NTSC.

It saves Index files.

It rotates pictures.

It doesn't need any FPU

Version 4

CyberGFX !

Thumbnail is no more limited by CHIP memory.

FotoFun compatible.

No more manual rotation !

Locale used when found.

Since 2.2a, PCD Manager is **ShareWare**.

1.4 mem

The free memory amount has a drastic effect on the execution speed. PCD Manager already runs with 2Mb RAM, but to be able to convert the biggest picture in color, it will need 3x6Mb free. PCD uses three several for doing its job in Conversion-Saving-Rotation depending the memory it can allocate.

1.5 require

PCD Manager requires the KickStart 3.0 and the reqtools.library (© Nico François) to be installed. A Shell version, can be found in the directory names 'ShellOnly'. This needs only the Kick 2.04 and is EMailWare. A PPC version is already ready ! An Arexx AdPro loader which is included, uses this shell version.

Fast Memory welcome !

A ChunkyToPlanar Hardware will be used if recognized.

The middle mouse bouton is recognized.

The program uses extra **memory** if available, to speed-up its execution time.

An arithmetic coprocessor is not required.

It has been succesfully tested with VMM 2.1 on a 4040.

Tested on

1200+6Mb

4030+10Mb

4040+2Mb CHIP !

4040+22Mb

4040+24Mb Kick 3.1 + Retina

4040+36Mb Kick 3.0/3.1 + Cybervision

SX32 Kick 3.1 + Akiko

1.6 share

Since version 2.2a, PCD Manager is ShareWare.

This is the complete version without limitations. A requester will open to remember you that fact.

To register

Send 20 \$ / 30 DM / a translation to :

Allenbrand Brice

12, rue St Michel App. A21

68100 Mulhouse

FRANCE

SUPPORT AMIGA !

Web : www.citeweb.net/allenbra/index.shtml

Fidonet : 2:325/3.15

InterNet : brice.allenbrand@hol.fr

IRCnet : brice (#Artbas)

AOLM : www.adac-com.com/amiga

1.7 prefs

No more tooltypes are used. A new gadget (Prefs) replaces them.

You can now change the preferences during the program is running. (screen resolution)

"Warning ! The amount of MAX_NB_DIA has an effect on the Chip Memory used. If not enough graphic mem is available, PCD Manager will gradually decrease the number of displayed pictures until it can open the screen." No no... that's old story. NO MORE LIMITATIONS NOW !!!

The prefs file is located in the same directory as PCD Manager. No more ENVARC:

1.8 cmds

RESOLUTION

from 192x256 upto 3072x2048. Toutes les tailles.

TRANSFORMATION

Here you can select the way PCD handle the colors

B&W Black & white

Normal Hemm...normal :)

Enhanced better quality

_The Enhanced color mode doesn't use more memory, but the quality is better.

_In BW mode, you only need 1/3 of memory amount required for the color mode.

READ

Read the given input directory and look for PCD files.

START

After selecting one or more pictures, handle them and write the resulting IFF24 to the given output directory. PCD Manager adds in commentary the name of the PCD file the picture comes from.

ALL, INVERT, CLEAR

Quick (de)selecting the pictures.

SAVE INDEX

Save the thumbnail pictures.

(Version 4) The index format is PRIVATE.

LOAD INDEX

Load an index file.

(Version 4) Now you can save to Fotofun: in a friendly way. PCD Manager opens a requester between each pictures so you can change the printing paper.

The **Mouse** can be used to do more things.

1.9 mouse

Lorsque des images PCD sont présentes dans l'écran du haut, plusieurs actions sont possibles.

Magnifying

Placing the pointer over a picture in the thumbnail screen, holding right mouse button enable you to magnify it.

Rotation

(Version 4) PCD Manager recognize if a picture is rotated or not.

(Version 4) If you save on a FotoFun: device, it will be handled. Rotation will be ignored.

1.10 kstart

Insert a PhotoCD in your favorite CD-Rom player.

Run PCD

Choose the input directory (CD0:....)

Choose the output directory

READ and wait....

SELECT your lovely pictures with the mouse.

Select the resolution and the way PCD tranforms the colors. (mouse)

START and wait....

QUIT PCD

1.11 future

The future belongs to the registred users. **Send** me your suggestions.

PPC will come soon, why not others gfx format ?

1.12 thx

Thanks :

All the registered users.

Thierry Schmitt (IRCnet Citrouill #Artbas, [HTTP://wwwperso.hol.fr/~tschmitt](http://wwwperso.hol.fr/~tschmitt))

Main picture, ß test, ideas.

Steve Krueger

SAS PPC Compilation.

Thierry Sillis (IRCnet TH2A #Artbas)

ideas, CyberGFX debug.

Fabio Ferricioli

Italian guide.

Michael Boehmer

German guide.

Hans Toso

Spanish guide.

Mathieu Horber

SX32 ß test, ideas

Thomas Pimmel (IRCnet Tom #Artbas)

ß test, ideas

Jean-Marc Boursot, Jean-Marc Biehler, Michael Boehmer

ideas

Hadmut Danisch

hpcd2ppm.0.5

Nico François

Reqtools.library

Michael Sinz

Enforcer

PCD Manager is a Ringard' Production