

PCD

COLLABORATORS

	<i>TITLE :</i> PCD		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		October 23, 2022	

REVISION HISTORY

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Chapter 1

PCD

1.1 PCD Manager 3.0d PRO

PCD to IFF24 converter with graphic interface

Allenbrand Brice - Ringard' Production

01/12/1997

Changes since 3.0c :

lots of tiny bugs removed.
if something goes wrong, a message is displayed.
support code for cybergraphx inserted but not used. (!!)
(I don't have a grafx card for testing yet)
better IFF save routines.
tooltypes replaced with inline preferences.
italian guide by Fabio Ferricioli.

Problems since 3.0c :

My CD reader is OUT ! ;(

ShareWare
Support Amiga !

Introduction

Requirements

QuickStart

Functions

Future

Credits

1.2 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 IFF8. It has been written in C non-ANSI and Amiga system
friendly, to have the smallest/fastest executable file. Compiled with
SAS/C 6.57

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 uses 4096 bytes of stack.
It doesn't
need
any Alien Library.
It takes care for PAL/NTSC.
It saves
Index files
.
It rotates pictures.
It recognizes 3 buttons mouses.
It keeps the aspect ration in case of non interlace/productivity screen.
It doesn' t need any FPU

Since 2.2a, PCD Manager is
ShareWare
.

1.3 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 ways for doing its job in Conversion-Saving-Rotation
depending the memory it can allocate.

1.4 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 WhatUWantWare (tm)
An Arexx AdPro loaders 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+22Mb
4040+24Mb Kick 3.1 + Retina
4040+36Mb Kick 3.0/3.1 + Cybervision
SX32 Kick 3.1 + Akiko

1.5 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 to

Allenbrand Brice
5, rue du Manège
68100 Mulhouse
FRANCE

SUPPORT AMIGA !

Fido : 2:325/3.15
InterNet: allenbrand@nucleus.fr

1.6 doc

PCD Manager

Tooltypes - Preferences

Commands
QuickStart

1.7 tooltypes

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

You can now change the preferences during the program is running.

Screen Resolution

Default Input Dir

Default Output Dir

Maximum thumbnail pictures.

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.

1.8 cmds

RESOLUTION : from 192x256 upto 3072x2048 pixels

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/CLEAR/INVERT Quick (de)selecting the pictures.

SAVE INDEX : Save the thumbnail screen. Only possible when there are pictures on it.

_The file created will have 64 colors. It contains an additional CHUNK so PCD Manager can reload it and then recognize the PCD file name. DO NOT CHANGE IT !! Programs like AdPro remove useless CHUNK !!

LOAD INDEX : Load an index file.

The

Mouse
can be used to do more things

Cursor keys UP and DOWN (eventually with SHIFT) enables you to scroll the pictures screen.

1.9 mouse

Magnifying :

Placing the pointer over a picture in the thumbnail screen, holding right mouse button enable you to magnify it.
The aspect ration will be kept. (3.0c)

Rotation :

Placing the pointer over a picture in the thumbnail screen, klicking left mouse button enable you to choose the way PCD Manager has to rotate the PCD picture. Rotation is used by the magnifying option too.

The middle mouse button is used to quickly unselect a picture.

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.
```

1.12 thx

Greetings to :

All the registred users.

```
Fabio Ferricioli    Italian Guide.
Schmitt Thierry    β tester, ideas
Horber Mathieu     β tester, ideas
Pimmel Thomas     β tester, ideas
Boursot Jean-Marc  ideas
Biehler Jean-Marc  ideas
Michael Boehmer    ideas
```

```
Hadmut Danisch     hpcd2ppm.0.5
Nico François      ReqTools
Michael Sinz       Enforcer
```

PCD Manager is a Ringard' Production
