

DCTV_Retina.library

Chris Gerrist

Copyright © 1994 by C Gerrist

COLLABORATORS

	<i>TITLE :</i> DCTV_Retina.library		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY	Chris Gerrist	February 12, 2023	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

1	DCTV_Retina.library	1
1.1	main	1
1.2	index	1
1.3	Installation dctv.library	2
1.4	Imagine.config	2
1.5	Prefs	3
1.6	Emulated Commands	4
1.7	Author	4
1.8	Registration	5
1.9	History	6
1.10	Latest demo version	7

Chapter 1

DCTV_Retina.library

1.1 main

The DCTV.library is a library for the Retina Graphic board.
© 1994 by C Gerrist, Holland.

This library is shareware.

I have made this library so Imagine can render direct on a
24 bit window on the Retina Board.
This is the unregistered demo version. It displays 3 pictures
in the displayed picture. If you registrate you get the full
version.

index

1.2 index

Installation
Imagine.config
Prefs
Emulated commands
Author
Registration
History
Latest Demo version
Main

1.3 Installation dctv.library

Installation

=====

Copy de dctv.library in libs:
That's all.....
(The retina respond now to dctv commands.)

If you set Imagine to dctv (in the config) than Imagine render direct on the retina-screen. This is very handy by quickrender. You see direct watt comes out.

Copy the Prefs proggy to any directory. You can set with the preference prog on what screen DCTV are displayed. You cane set to DeepWindow and RetinaScreen. See Prefs!

The dctv.library and the prefs program need;

- * retina.library
- * retinaemu.library
- * gadtools.library
- * dos.library
- * exec.library
- * +/- 100 kilobyte of mem for buffers

The library is written in assembler.
The Prefs program is written in Hisoft Basic v2.0
(later written in assembler)

index

1.4 Imagine.config

Imagine.config

=====

```
QUICK    "DCTV_LORES" # quickrender preset name
QUFF     "DCTV"      # quickrender file format
```

```
# PAL Rendering Presets
PSET     DCTV_L, 320, 256, 1, 1
PSET     DCTV_Q, 180, 160, 1, 1
PSET     DCTV_HL, 640, 512, 1, 1, HIRES|LACE
PSET     DCTV_S, 800, 600, 0, 0
PSET     DCTV_E, 352, 282, 1, 1
PSET     DCTV_LL, 320, 512, 1, 2, LACE
PSET     DCTV_H, 640, 256, 1, 1, HIRES
```

```
# NTSC Rendering Presets
```

```

PSET   DCTV_L, 320, 200, 1, 1
PSET   DCTV_Q, 180, 100, 1, 1
PSET   DCTV_HL, 640, 400, 1, 1, HIRES|LACE
PSET   DCTV_S, 800, 600, 0, 0
PSET   DCTV_E, 352, 280, 1, 1
PSET   DCTV_LL, 320, 400, 1, 2, LACE
PSET   DCTV_H, 640, 560, 1, 1, HIRES

```

You can make you're render resolution.
See Imagine book for more details.

index

1.5 Prefs

Prefs

=====

Copy the Prefs proggy to any directory.

With this Prefs program you can set several function that are new in the library.

Integer gadget "X"	This gadget display's the with of the window that will open.
Integer gadget "Y"	This gadget display's the height of the window that will open.
Button gadget "ScreenID"	If you click on this gadget a requester with the 24 or 16 bit screenmodes are displayed. You can choose one of the screenmodes. The Retina.library or RetinaEmu.library opens a screen with this with en height. The size of the screen may be smaller as the rendered picture.
Button gadget "WindowID"	You can choose between RetinaScreen or DeepWindow24. RetinaScreen is not a Intuition screen. DeepWindow24 is a 24 or 16 bit Intuition window. You can click it behind 'right-Amiga m'.
	The WindowID are displayed in the string gadget.
Gadget "Wait"	If this gadget is Default you must click on a mouse button when the picture is displayed else, the window or screen would not be closed.
Gadget "Auto"	If this gadget is Default the opened window or screen are have the size of the rendered picture. The Integergadgets X and Y and the Button gadget "ScreenID" are ghosted.

GadGet "Save"	If you select this gadget the preference file are saved on disk.
GadGet "Info"	A window opens and displayed the version of the Retina, RetinaEmu and the Dctv.library

index

1.6 Emulated Commands

Emulated Commands

This library emulated several commands from the dctv.library
The commands that are emulated are;

- AllocDCTVCvt
- FreeDCTVCvt
- InitDCTVCvt
- CvtDCTVLine
- SetDCTVColorlist

Commands under construction

- FormatDCTV ; not needed
- TestDCTVSignature ; not needed
- AllocDCTVCvtTaglist
- ReadDCTVPixel

The first command that are implant are AllocDCTVCvtTaglist.
This command are new in the library and will be used by new programs.

Imagine save also the picture with a strange name pic.0255 or else
I don't no of this is a bug in Imagine or a bug in the library.
(I working on it)

index

1.7 Author

Author/support

If you have questions or else let me no.

C Gerrist
Europlaan 95

6871 ZC Renkum
Holland

Email: cgerrist@inter.nl.net

index

1.8 Registration

Registration formular

Name : _____
Street: _____
Zip-Code : _____
City : _____
Country : _____
Telefoon : _____

I want to become registered user of the dctc.library for the Retina graphic board.

- enclose a cheque
(Europe: euro cheque)
(others: drawn on a Dutch bank)
- transfer payment to
Postbank
Account: 7100170
Comment: Registration dctv.library

To: C Gerrist
Europalaan 95
6871 ZC Renkum
Holland

- 25 Gulden
- Send me \$20 or DM20 with the post. (You're one risk)

=====
If you send me a Eurocheck you must pay in guldens else
I can not registrate you.
=====

(My bank let me pay 10 gulden for administration)

index

1.9 History

History

1.0 Not all the commands are not installed.
1.2 Beta version.
1.3 Bug with Adpro and VistaPro are removed.
1.9 Unregistered version
2.0 cvt_scrLinNum fix
2.1 Unregistered version
2.2 Registered version (Deepwindow - RetinaScreen)
2.3 - 8.7 are not made. I question from a user to start with
version 8.8. Some programs need dctv.library
version 8.8. This is very strange, (I have 3.0)
So I have made this version 8.8

New are; * New prefs program.
* Auto screen size or screen from screenmodes
* Opens a Retinascreen or Deepwindow
* Wait for click mouse button
* See Prefs.....

The version 8.8 was made for some person that has a program
that must have dctv.library 8.0. The programmer of that program must
have a view drinks when he made that program. The latest original version
is 3.0. I have think it over and I start with the version 4.0.
Now all (most) the programs that need dctv.library work.

4.0 - Save gadget, now you can change the preference without saving.
if you save, the prefs are placed on the HD in dir S:
- You can select 16 or 24 bit resolutions.
(65663 or 16.7..... colors.
- SetDCTVColorList is implanted. I have suggest in other writings
that this command are not needed. But Som. programs change the colour-
registers. (Adpro). else you can have Som. problems (buggy...)
4.1 - This is the same version but it is the Unregistered version.
You don't get a requester but it displays 3 pictures in the
renderwindow.....
4.2 When the Workbench-emulation is off then the dctv.library
displays on a retina_screen. It don't matter what is in the prefsfile.
You can only have a retina 24 bit emulation_window if the Retina-
workbench_emulation is on.
4.3 Test version
4.4 Test version
4.5 Test version

4.6 - Major bug in Prefs program and Prefs command in the dctv.library fix.

- LORES + LORES_LACE + HIRES and HIRES_LACE key are included so the window opens correct.

4.7 New Email adress.

Under construction

* Format IFF Deep or (maybe) JPG

index

1.10 Latest demo version

See Aminet

index
