CyberTVPlayer

COLLABORATORS

	TITLE : CyberTVPlayer		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		August 22, 2022	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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CyberTVPlayer

1.1   CyberTVPlayer - Overview

                    CyberTVPlayer 6.0 (c) by Helmut Hoffmann 1995/96
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-> The fast TrueColor animation player for all Amigas (esp. for CyberGraphX) <-

-> Create your own TrueColor animations with ImageFX, XiPaint and Photogenics
   in conjunction with my
                    Universal Modules
                     <-

*** new: now with options "Width", "Height" and "Depth" for easier
  screenmode specification ***

Please note: To show an animation without window frame you can use the
  BestMode option. This will select a suitable screenmode
  with highest possible color depths and display the animation
  borderless on a black background.

This is a freeware animation player program for TrueColor animations
in HHsYUVSq animation format. Animations can be played in TrueColor
or HighColor on CyberGraphX screens (including Workbench) or in
reduced colors (which can be slower) on any Workbench or other screen.

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1.2 Example animations

                          A short sample sequence should be included in this archive.
You can
                          create your own animations
                           with famous image processing
and painting programs in conjunction with my
universal loader/saver modules for thoose programs. If you
have the "EGS" system you can also create them with EGS-TV Professional.

1.3 Features of CyberTVPlayer

* Shows all animations direct from hard disk. The memory usage is very
  low this way (although memory is needed to hold a frame in full size
  as loaded and in converted form for CyberGfx). Random access harddisk
  sequences and sequential sequences can be shown. For more speed you
  could copy the sequence to RAM: first (if you have enough RAM).

* Fast very high quality (21Bit) color decoding routines.

* Accepts a file name as argument when started from shell
  or pops up a file requester when started from workbench or without
  shell file parameter.

* By default it runs in a window on the default public screen, which
  can be a CyberGfx screen with at least 15Bit color depths for HighColor
  playback or any screenmode with upto 256 colors for reduced
  colors (this can be much slower)

* Show animations in True/HighColor in CyberGraphX windows on
  a Workbench or other screen with at least 15Bit color depths (this
  should work much faster than palette oriented screens)

* Shows animations in reduced color (upto 256 colors) on any WB screen
  or other screen, including AGA, ECS, OCS and usually WB-Emu graphic
  board screens as well (e.g. EGS-Emu, Cyber-Emu, ...)

* Supports additional shell parameters:
  The "BestMode" parameter will let CyberTVPlayer select a suitable
  screenmode for playback automatically. In this case the animation
  will be played directly on the black screenbackground instead of
  a window.
  The parameters "Width", "Height" and "Depth" can be used to specify
  a screenmode by its dimensions or depth. If you only specify
  some of the parameters, the others will automatically be selected
  to best fit the animation. The "Depth" option must be specified
  with the number of bitplanes (e.g. 16 for HighColor).
  The "ScreenMode" parameter can be used to specify a screenmode
  for playback on a separate screen in a window. If you have
  difficulties with screenmode names, you should us the
  easier to use "Width", "Height" and "Depth" parameters instead.
  The "Once" parameter can be used to run the animation only once
   instead of an endless loop.
  The "Delay" parameter can be used to specify an additional frame

    delay (in 1/50ths of a second). Without this parameter, playback
    will be as fast as possible.

Just close the window or press the Esc key to stop playing (in borderless
playing mode you can certainly only use the Esc key to stop the animation).

Special note for use on palette oriented screens: The first
  playback pass can be much slower due to the color pen allocation;
  subsequent loop passes are usual in higher speed; on HighColor
  screens with 15Bit or more, the speed should be much higher anyway...

You can start CyberTVPlayer several times concurrently to watch
several animations at the same time...

1.4   Creating HHsYUVSq animations

                Animations in a suitable format can be created with famous image
processing and painting programs in conjunction with my
                Universal Modules
                1) ImageFX or ImageFX-EGS in conjunction with my ↩
                   FastImageFXModules

2) XiPaint in conjunction with my XiPaintModule

3) Photogenics (full version) in conjunction with my UniversalGIO module

and with the old program for the EGS system:

4) EGS-TV Professional (Shareware Animation, Video Editing, DeskTopVideo,
   Blue Screen Keying effect, Framegrabber and handy scanner software for
   the EGS graphic system with e.g. VLab, IV24, VideoCruncher framegrabbers
   or assembled from single pictures; see Aminet gfx/board or CDs...)
   EGS users should take a look at EGSTVPlayer as well, which can playback
   HHsYUVSq animations on the EGSDefaultScreen.

Some sample animations may be included with this player:
* "demosequence.seq" has been created with EGS-TV Professional and a VLab
  framegrabber using the Blue Screen Keying effect.
* "demosequence2.seq" has been created with Photogenics V1.2 warper tool
  and the UniversalGIO/HHsYUVSq.GIO module.

The
                Universal Modules
                 can be ordered at low add-on prices (10DM or 7US$)
together with my applications PhotoAlbum (picture management program
for all OS3.x Amigas; incl. TrueColor support for CyberGraphX) or
CyberShow Professional.

1.5   Universal Modules

```
+------------------------------------------------------------------+
|                  +-----+-----+-----+-----+-----+-----+-----+---   |
```

```
|                     |     |     |     |     |     |     |IFX  |     |
|  Create your own    | True Color animations...   |with | XiP | ... |
|                     |     |     |     |     |     |     | Pgs|      |
|                     +-----+-----+-----+-----+-----+-----+-----+---  |
| with ImageFX, XiPaint or Photogenics and my universal loader       |
| modules (FastIFXModules, XiPaintModule, UniversalGIO Modules)      |
| which now all include TrueColor animation savers as well           |
| for the HHsYUVSq animation format... For ImageFX and XiPaint       |
| special ARexx scripts are already included which can automate the |
| creation of TrueColor animations. You can playback the HHsYUVSq    |
| animations e.g. with CyberTVPlayer on your TrueColor Workbench... |
| The fast loading functions of all modules are the same as thoose  |
| in CyberShow Professional (JPeg is only included in XiPaintMod.)   |
| Add-on price (to CyberShow or PhotoAlbum): 7US$ or 10DM each       |
+-------------------------------------------------------------------+
```

My currently available universal modules:

* FastIFXModules for "ImageFX" (1.5, 2.x, ...)
  available e.g. on Aminet in gfx/misc/fastifxmodul##.lha
* XiPaintModule for "XiPaint" (3.2, 4.x, ...)
  available e.g. on Aminet in gfx/misc/xipaintmodul##.lha
* UniversalGIO for "Photogenics" (1.2, ...)
  available e.g. on Aminet in gfx/edit/universalgio##.lha

For the above listed programs I have created universal modules.
If you order them together with CyberShow or PhotoAlbum they cost only
additional 10DM or 7US$ each. The modules offer the following
functionality:

1) Loading functions

Fast and flexible loading functions which are nearly the same
as thoose in CyberShow Prof. (only JPeg is currently only supported
in the XiPaint module). The modules also offer downscaled loading,
which can be very handy in low memory conditions to get large
pictures in smaller form or a quick overview.

2) TrueColor animation creation

This function is esp. useful for CyberGraphX users. You can
create TrueColor animations in HHsYUVSq animation format.
They can be played with my freeware player "CyberTVPlayer".
For ImageFX and XiPaint modules ARexx scripts are included
with the modules for automatic animation creation.

1.6 System requirements

Any Amiga or Draco with

+ OS3.0 or higher
+ some memory (about 2MByte Fast-RAM should be enough for normal use)

For fast playback from harddisk a fast harddisk is recommended.

For displaying in TrueColor/HighColor quality you also need

+ cybergraphics.library V40 or higher and a suitable graphic board
  (Cybergraphics is a Workbench emulation/True color software extension
   which is usable in conjunction with several graphic boards as the
   Cybervision, Piccolo, SD64, Picasso, Retina-BLTZ3, Draco-Altais,
   Spectrum, Domino. It is Copyright by Thomas Sontowski and Frank Mariak.)

1.7 Version history

1.0 (19th june 95): Initial release featuring direct harddisk playback
  of color and greyscale sequences in sequential or random access format
2.0 (30th june 95): New reduced color output function which is available with
  OS3.0 and not only with OS3.1. This makes CyberTVPlayer usable for all
  OS3.0 users now (drawing speed is increased for standard Amiga screens
  and some WB emulation screens as well).
3.0 (27th sep. 95): Improved shell parameter support: now loop mode and frame
  delay can be specified in addition to sequence file name
4.0 (11th dec. 95): Added screenmode parameter to allow playback of
  animations on a separate screen of any screenmode you like
5.0 (10th feb. 96): Added BestMode option for automatic screen selection
  and playback without window borders on a black background.
  Esc key now accepted to stop animation playback.
  Changed "Loop" parameter to "Once" parameter: now default is to
  show the animation in an endless loop unless "Once" is specified.
5.0a (28th june 96): Converted documentation into AmigaGuide format
6.0 (5th july 96): New options "Width", "Height" and "Depth" for easier
  screenmode specification

1.8 Disclaimer, Copyright, Usage and Distribution conditions

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comes with no warranty, either expressed or implied.
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