CyberTVPlayer

COLLABORATORS			
	TITLE : CyberTVPlayer		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		April 16, 2022	

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

CyberTVPlayer

1.1 CyberTVPlayer - Overview

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                  CyberTVPlayer 8.0 (c) by Helmut Hoffmann 1995/96
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+----------------------------------------------------------+
| The fast TrueColor animation player esp. for CyberGraphX |
+----------------------------------------------------------+

-> Create your own TrueColor animations with ImageFX, XiPaint and Photogenics
   in conjunction with my
                  Universal Modules
                  , which you can order for only
   7 US$ or 10DM each in conjunction with my new
                  PhotoAlbum 2.0
                   picture management
   program. Now automatic animation creation by ARexx scripts is supported by
   all three modules. Some modules also support automatic conversion of
   animations into HHsYUVSq format.

New since V8.0: Now with support for usage on public screens (Tooltype&argument)
New since V7.0: Tooltype support and Workbench file argument support;
     simply configure CyberTVPlayer by its new Tooltypes and start it
     with an animation as argument by Shift-selecting an animation icon
     during double clicking from Workbench.
     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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                  Creating HHsYUVSq animations
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Features of CyberTVPlayer
(incl. using instructions and configuration options)

Example animations

System requirements

Version history

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,
which is part of the EGSApps application package (Aminet:gfx/board).

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 CyberGraphX). 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 from
  Workbench (shift selected icon). If no suitable file is selected,
  it will pop up a file requester.

* By default it runs in a window on the default public screen, which
  can be a CyberGraphX screen with at least 15Bit color depths for
  HighColor or TrueColor playback or any screenmode with upto 256
  colors (e.g. AGA, ECS, OCS and usually WB-Emu graphic board screens)
  for reduced colors (this can be much slower)

* Configurable by Tooltypes for WB start and by 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 in conjunction with my
                FastImageFXModules
                2) XiPaint in conjunction with my
                XiPaintModule
                3) Photogenics (full version) in conjunction with my
                UniversalGIO modules
                and with the old program for the EGS system "EGS-TV" from the
EGSApps application package. Maybe I will port the interesting parts
of EGS-TV for CyberGraphX/AGA users as well. Anyone interested?

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.

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

Complete package of both programs: only 50DM or 35US$

1.5 Universal Modules

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                              +-----+-----+-----+-----+-----+-----+-----+----
                    |     |     |     |     |     |IFX  |
Create your own  |  True Color animations... |with | XiP | ...
                    |     |     |     |     |     | Pgs|
                              +-----+-----+-----+-----+-----+-----+-----+----
```

My currently available universal modules:

* FastIFXModules for "ImageFX" (1.5, 2.0, 2.1, 2.6, ...)
  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, 2.0, ...)
  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 all three modules ARexx scripts for automatic animation
creation from directories of pictures are included; in addition
there are ARexx scripts for animation conversion into HHsYUVSq
format included for the ImageFX and Photogenics modules.

Please note: For ARexx script usage with UniversalGIO you need at
  least Photogenics V2.0.

1.6 PhotoAlbum: Picture management for all Amigas and Dracos with at least OS3.0

New: ->->-> PhotoAlbum 2.0 <-<-<-

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+---------------------------------------------------------------------------+
| The fast and intuitive picture management software for all Amigas with OS3.x: |
| * Supports upto 256 colors on AGA Amigas                                  |
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| * Supports TrueColor/HighColor on graphic boards with CyberGraphX         |
|   (TrueColor displaying supported for thumbnails and full picture windows) |
| * Supports more than 20 picture formats (incl. PhotoCD, IFF, JPeg (incl.  |
|   Progressive), TIF, PCX, BMP, Targa, PPM, YUV, ... and DataTypes)         |
| * Open any number of picture windows incl. fast scrolling and zooming      |
|   functions, conversion functions, direct transfer functions, ...          |
| * Font sensitive picture subtitles and gadget bar (fonts configurable)     |
| * Many options can be configured (by Tooltypes or in menues)               |
| * Support of several preview file formats (highly compressed to save space |
|   or uncompressed for high speed access etc.)                              |
| * Functions for creation of picture databases across multiple volumes      |
| * Configurable thumbnail cache memory     * Editable picture comments      |
| new: * now with copy function to copy groups of selected pictures          |
|      * now with ARexx loading functions for ImageFX and Photogenics        |
|      * now with configurable ARexx command line; usable even to invoke     |
|        external viewers (preconfigured to invoke CyberShow)                |
+----------------------------------------------------------------------------+

Demo version e.g. available on Aminet: "gfx/misc/photoalbum##.lha"
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1.7 System requirements

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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
  (CyberGraphX 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.)
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1.8 Disclaimer, Copyright, Usage and Distribution conditions

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It may be freely distributed (max. allowed duplication charge:
8US$ for disks, 50US$ for CD-ROMs, both incl. postage&packing),
but only in unmodified form, complete with this readme file.

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    Germany

1.9 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
7.0 (27th Aug. 96): WB-Tooltype and WB file argument support: Configure
  CyberTVPlayer by tooltypes and start it with a shift-selected
  icon of an animation directly from Workbench...
  (Tooltypes: ScreenMode, Width, Height, Depth, BestMode, Delay, Once)
8.0 (23rd Oct. 96): Support for usage on named public screens
  (configurable by tooltype and shell argument)