CyberView.doc

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CyberView.doc

1.1 The Tale of CyberView

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  CyberView V1.1
  ==============

An universal image viewer for the CyBERgraphics WB Emulation

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   Copyright
         Acknowledgements
   Author

Copyright (c) 1995 by Matthias Scheler.
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1.2 Purpose of CyberView

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At the WoC 1994 in Cologne I had a nice talk with Frank Marik one of the
authors of CyBERgraphics about their plans to write a hardware independent
Workbench Emulation which should add 24bit support to Intuition.

Because I liked the idea of a new standard now that Commodore probably will
never provide a operating system with RTG I decided supporting it by
writing a image viewer for CyBERgraphics.

This program called "CyberView" is the result of this effort.
```

1.3 Features of CyberView

```
CyberView will run on any Amiga with OS 2.04 (or newer) and an installed
CyBERgraphics system. The amount of free memory which is required depends
on the size of the images which shell be viewed. CyberView can be used from
CLI and Workbench.

Supported file formats are:

- GIF

- IFF ILBM
  (1-8 bitplanes, EHB, HAM, HAM8, 24bit)

- JFIF
  (via the Tower JPEG Code Class)

- DataTypes
```

1.4 Using CyberView from CLI

```
SYNOPSIS
  CyberView FILES/M,PROGRESS/S,PUBSCREEN/K,DELAY/N

ARGUMENTS
  FILES:    filename(s) or AmigaDOS pattern(s) of the image(s)
      which shell be viewed

  PROGRESS: open progress indicator window

  PUBSCREEN:  public screen for progress indicator window

  DELAY:    automatically end viewing the current picture after
      the supplied number of seconds

EXAMPLES
  Show informations about the builtin loaders:
   CyberView

  Load a single picture:
   CyberView Awakening.JPG

  Load all pictures ending with ".ilbm" with the progress indicator
  window opened, go the next picture after 10 seconds:
   CyberView #?.ILBM PROGRESS DELAY 10

  Load "One.ILBM" and "Two.JPG" with the progress indicator
  window opened on a public screen called "MyScreen":
   CyberView One.ILBM Two.JPG PROGRESS PUBSCREEN MyScreen
```

1.5 Using CyberView from Workbench

There are two ways of using CyberView from the Workbench:

1.) As Default Tool:
    Specify CyberView as the default tool of an image icon.
    Then double click on the image icon to view the picture.

2.) Multi Selection:
    You can also use Workbench's multi selection feature to view
    pictures using CyberView. Click (single click) on an image
    icon, then press the shift key on your keyboard and continue
    to single click as many image icons as you wish.
    When you're done double click on the CyberView program icon
    (while still holding the shift key).

1.6 Some ideas for the future of CyberView

These features might be added to future version of CyberView:

- add support for PBM+, PCX and other file formats
- get arguments "PROGRESS", "PUBSCREEN" and "DELAY" from icon's tooltypes
  if CyberView is started from the Workbench
- window version using a public screen with a depth of at least 15bit

1.7 Developement of CyberView

CyberView 1.0:
- first public release
- loaders: ILBM 1.0, JFIF 1.0, DataTypes 1.0

GIF 1.0
- Because CompuServ is said not to ask for payment for freeware I decided
  to risk to release the GIF loader.

DataTypes 1.1:
- The image data is no longer copied but directly used if possible. This
  saves both memory and time.

CyberView 1.1:
- loaders: ILBM 1.0, JFIF 1.0, DataTypes 1.1, GIF 1.0
- added "DELAY/N" argument

1.8 Installation of CyberView

To install "CyberView" you only have to copy the binary and its icon to
any directory you like.

If you want to load JFIF image files you need to install Christoph Feck's
Tower JPEG Code Class, too. The required binaries and an install script
can be found in the "JPEGCodeClass" directory included in this archive.

If Christoph Feck's "jfif.datatype" is already installed you don't need
to do any further installation.

Users of my directory utility Filer (version 3.20 or newer) can add these
lines to their configuration file to use CyberView:
```
 CLASS "#?","FORM????ILBM","CyberView %s PROGRESS PUBSCREEN %p"
 CLASS "#?","??????JFIF","CyberView %s PROGRESS PUBSCREEN %p"
 CLASS "#?","GIF8","CyberView %s PROGRESS PUBSCREEN %p"
```

1.9 Copyright and other legal topics

1.10 Hall of Fame

The following people helped me during the development of "CyberView":

Frank Mariak He is one of the authors of CyBERgraphics, made bug fixes
    for me, gave me hints, always supplied me the newest
    version and of course tested CyberView.

Christoph Feck He wrote the JPEG codec which made writing a JFIF loader
    very easy. He also gave me an example source for loading
    pictures with the "datatypes.library".

Jürgen Weinelt He helped me writing my (unpublished) GIF datatype on which
    CyberView's GIF loader is based.

Ralph Schmidt He helped me beta-testing CyberView.

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