

SysPic

Grzegorz Calkowski

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COLLABORATORS

	TITLE : SysPic		
ACTION	NAME	DATE	SIGNATURE
WRITTEN BY	Grzegorz Calkowski	July 20, 2024	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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SysPic

```
=====
                                CCCCCC
CC   CC                        >>>> SysPic v3.01 <<<<
    CC      CC   CC          "Make your boot look cute!"
    CCC      CCCC
    CC       CC              Cardware © 1995–1996 The Beet Research
CC   CC      CCCC
    CCCC   © CC   CC        written by Grzegorz Calkowski
                                CCCCCC
CC   CC                        CC   CC
    CC      CC   CC          CCC      CCCC
    CC       CC              CC       CC
CC   CC      CCCC
    CCCC   © CC   CC
=====
```

WHAT'S NEW?	The third release
Disclaimer	Legal junk
Copying	Distribution & Copyright
Introduction	What the hell is it?
Requirements	Hard & soft required
Installation	Before using SysPic
Usage	Use it!
Random selection	More than one picture
Included tools	SysPic needs them
Tips	This may be helpful
Bugs	Nothin' is perfect
To Do	What should be done
History	Program history
Author	The person behind SysPic
Acknowledgements	Thank you!

1.2 Disclaimer

Disclaimer

The program executable and information above is provided "as is". No representations or warranties are made with respect to the accuracy, reliability, performance, currentness, or operation of this software and information, and all use is at your own risk. The author doesn't assume any responsibility or liability whatsoever with respect to your use of the program and information.

1.3 Copying

Copying

SysPic is CardWare. This means you are *OBLIGED* to send me a postcard if you use it regularly. (BTW: if you use SysPic, it's probably the most frequently used proggy, isn't it?). Treat the card as a shareware fee. Or, if sending a postcard sounds too complicated to you sending an e-mail message saying that SysPic is the coolest program you have ever used will do.

--- WARNING!!! ---

USING THE PROGRAM WITHOUT SENDING A POSTCARD OR AN E-MAIL LETTER IS ILLEGAL.
THE FORMER METHOD OF REGISTRATION IS STRONGLY SUGGESTED.

I also appreciate cash... \$5 or so would really make me happy! SERIOUSLY consider this, if you really like SysPic :)

This program can be freely distributed under following conditions:

1. Everything in this distribution must be kept together and unaltered. Applies to:

```
C/GetModeID
C/ListModes
C/SysPic                (the program itself)
C/SysPic.020            (68020+ version)
C/SysPic.040            (68040+ version)
C/UnpackILBM
C/WaitForFadeIn
C.info
Install SysPic
Install SysPic.info
SysPic.guide
SysPic.guide.info
SysPic301.readme
WBStartup/ClosePic
WBStartup/ClosePic.info
WBStartup.info
```

2. Copyright notices are not removed from executable and documentation.
-

3. No more than a nominal fee is charged to cover cost of magnetic media.

4. Note to magazines: if you include the SysPic on a coverdisk I would be grateful for receiving the issue containing it. It's fair enough, yes?

SysPic is Copyright (C) 1995-1996 The Beet Research.
All rights reserved.

1.4 Introduction

Introduction

If you think that black screen during boot time is boring and you want to make the boot process look more professional (or even fancy) it is definitely program for you. I know there are other similar programs - but SysPic's features make it absolutely the BEST! [With 3.00 release it's now unbeatable fact! - a modest note by gc ;-]

SysPic is a small but powerful viewer-like program meant to show a picture during the boot time. The picture can be removed at any time using an separate command (ClosePic) which can be placed for example in your WBStartup drawer.

Features - SysPic 3.01

* - a star feature :-)

- o is small & VERY fast! (picture decompression routines written in optimized assembly)
 - o shows IFF-ILBM pictures of any size and resolution
 - o supports AGA modes (also HAM8)
 - o centers picture both horizontally & *vertically*
 - * can fade-in picture and fade-out it to Workbench (with selectable rate) - this works in asynchronous manner (i.e no delays) - mouse pointer is also faded
 - * has a very powerful random selector - an option assures that a picture won't show twice until all pictures are shown
 - o forces Workbench to open behind the displayed picture so it can be closed after whole Workbench initialization
 - * is iprefs-jump proof - sets overscan prefs before IPrefs will do it!
 - o picture can be displayed in a desired mode or just promoted to specific monitor
 - o blanks the pointer sprite so you won't see it when the Workbench screen opens (it would look annoying) (see Bugs)
 - * picture is automatically closed when something goes wrong with booting - when an requester pops up on Workbench or so
-

- o detaches from shell in an intelligent way (i.e after loading the picture)
- * DOES NOT fragment memory!!!
- o supports BeetLogin (closes it's 'fake' screen)
- o is 100% legal (and 100% AMOS free.... ;-)
- o has been tested with Enforcer, Mungwall & MemWatch
- * comes from Poland :))

1.5 Requirements

Requirements

SysPic requires at least Kickstart 3.0 (no chance for 2.04 compatible version, sorry). Memory requirement depends on size and no. of colours of displayed picture.

As of 3.00 release SysPic doesn't require any disk-based libraries.

1.6 Installation

Installation

It's fairly easy. First step is to copy files in appropriate places. There is the Installer script provided. Just click on 'Install SysPic' icon.

If you prefer to do it by hand first copy file 'SysPic' wherever you want. I recommend you to put it to C: or somewhere else on your command path. Note, that there is 68020 version supplied. Use it if you have 68020 or 68030 based Amiga. For higher CPUs there is 68040 version.

In order to remove opened picture, the small program ClosePic is needed. Simply drop it to 'WBStartup' drawer.

If you use 'FadeIn' option the tool WaitForFadeIn is needed. Copy it also to C:. There are some other tools included.

The second step is to modify the startup-sequence. Just add one line right after SetPatch command:

```
SysPic <picture> <options>
```

Options are described in Usage section. Here you can see an exemplary outline of a customized startup-sequence.

1.7 Customized startup-sequence

```

;
; the startup-sequence
;

C:SetPatch QUIET

DEVS:Monitors/Multiscan          ; load monitor we need for syspics
SysPic <picture> <options>

....commands before IPrefs....

; Please comment/remove the monitor load sequence - it's slow and
; does redundant work - why to create monitor list you use on
; every boot? The only benefit it has is that it automatically
; loads every file in DEVS:Monitors. But do you often change it?
; Therefore it is better to execute them.
;
DEVS:Monitors/PAL
DEVS:Monitors/NTSC
;DEVS:Monitors/Multiscan          ; NOTE! We have already loaded it!!
DEVS:Monitors/DblPAL
DEVS:Monitors/DblNTSC
etc.

;IF EXISTS DEVS:Monitors
; IF EXISTS DEVS:Monitors/VGAOnly
;   DEVS:Monitors/VGAOnly
; EndIF
;
; C:List >NIL: DEVS:Monitors/~(#{?.info|VGAOnly}) TO T:M LFORMAT "DEVS:Monitors/%s"
; Execute T:M
; C>Delete >NIL: T:M
;EndIF

....more commands before IPrefs....

C:WaitForFadeIn                  ; this line is required if you use FadeIn option
C:IPrefs

....etc.....

```

Now see Usage.

1.8 Usage

Usage

The main program - 'SysPic' can be used only from Shell. It makes not much sense to use it from Workbench (for what ?). Therefore don't try to launch it from WB because it will do nothing (at least it won't crash the machine).

The options template for 'SysPic' looks like:

```
Picture/A,RandMin/N,RandMax/N,Digits/N,Dir/S,ExRand/S,BF=BestFit/S,
SO=SetOscn/S,KP=KeepPtr/S,VC=VCenter/S,BB=BBlank/S,Public/S,ModeID/K,
Monitor/S,FadeIn/K/N,FadeOut/K/N,R=Red/K,G=Green/K,B=Blue/K,Delay/K/N
```

(note, that new options in Release 3 are marked with *NEW*)

where

Picture <path>	Specifies the filepath for an IFF-ILBM picture. Note, that 'Picture' keyword can be omitted.
RandMin <number>	SysPic 2.x style random selection
RandMax <number>	See Random selection
Digits <size>	
NEW Dir	New random selection method.
NEW ExRand	See Random selection
BF or BestFit	Switch - if specfied program will use BestModeIDA() function of Kickstart 3.0+ to get the best resolution & display mode for the picture. Try it if for some uncertain reasons picture shows incorrectly.
SO or SetOscn	Sets your overscan preferences (from envarc:sys/overscan.prefs file). It avoids the very annoying screen-jump when IPrefs sets the overscan prefs. It's very usable when you want to display a picture in a multisync mode like DBLPAL or MULTISCAN, which overscan preferences usually differ from the defaults. Note, it's a hack! See Bugs.
KP or KeepPtr	Switch - if specified the mouse pointer won't be blanked.
VC or VCenter	Switch - enables vertical centering. Usable for displaying brushes - saves space & time.
BB or BBlank	Switch - turns on ECS/AGA blank border option
NEW Public	Switch - makes SysPic's screen publically available. It's NOT public by default as in previous releases (2.03 - 2.11). The screen name is 'SysPic' (surprise?).
NEW ModeID <modeid>	Shows picture in a desired mode. The 'ModeID' keyword must be followed by a display id value. If it's hexadecimal number (usually) it must be prefixed with '\$' or '0x': ModeID 0x39024 ;MULTISCAN:Productivity ModeID \$89024 ;SUPER72:Super-High Res Laced ModeID 692229 ;DBLPAL:High Res Laced

ListModes tool will reveal these magic numbers to you.

NEW Monitor

Switch - if passed only monitor bits are extracted from 'ModeID' value. I.e the picture will only be promoted to chosen monitor. For example, specifying 'ModeID \$39024' does not imply 'MULTISCAN: Productivity' display mode but only MULTISCAN monitor! If the picture is in lores it will show up in lores, but using a MULTISCAN resolution.

This switch does nothing without 'ModeID'.

NEW FadeIn <rate>

Picture will fade-in from black with specified rate. Legal range for <rate> is 1...16. (1-fastest, 16-slowest). Example:

FadeIn 16 ; fade-in very slow & smooth

NOTE: it won't work with HAM pictures!

IMPORTANT: See WaitForFadeIn description.

NEW FadeOut <rate>

Picture will fade-out to Workbench background color (by default, see below) and then Workbench will be faded-in. Rate range as above.

NEW R or Red
G or Green
B or Blue

Specifies the colour to fade out to (and to fade in Workbench from). No more murky grey. Values are in range 0..255 Also hex values are accepted (when prefixed with '\$' or '0x'). The range is also true on OCS/ECS machines!!

Examples:

Red=0xff Green 0 Blue=0 - bloody red
R 255 G 0 B 255 - musashi violet
R=0 G=0 B=0 - funeral black
Red 200 - ???

NOTE: if you omit a component it's value is taken from the Workbench background pen! I.e 'Red 200' modifies only red gun to 200 dec, leaving green and blue untouched!

NEW Delay <ticks>

Wait for specified number of ticks before showing/fadeing in the picture.
1 second = 50 ticks. Example:

Delay 25 ; wait for half a second

Well, in fact, SysPic is a full-featured viewer. It's capable to display any ILBM image upto 256 colours and HAM6/HAM8 images as well. IFF parsing

routines are NO LONGER based on original C= routines.

1.9 Random selection

Random selection

SysPic has a very powerful and flexible random selector, which can be used in two ways.

First method, compatible with SysPic 2.x, works by substituting an asterisk (*) in the filename with a randomly generated number within given range.

Options:

RandMin <number>	Lower bound.
RandMax <number>	Upper bound.
	Both must be specified!
Digits <number>	Specifies length of the inserted number. If char-length of generated number is shorter that it leading zeros will be prepended.

NOTE! Options keywords here are not necessary. Following example will produce names from BootPic001.iff to BootPic018.iff:

```
SysPic Work:GFX/Pics/BootPic*.iff 1 18 3
```

It's identical to:

```
SysPic Work:GFX/Pics/BootPic*.iff randmin=1 randmax=18 digits=3
```

This method is simple, but naming all the pictures with the same manner is very inconvenient - it's hard to identify a picture. This is why SysPic 3.00 introduces completely new method.

Now you can specify a DOS pattern for pictures to show. A picture will be randomly selected from the files in a directory matching given pattern. If the directory contains lots of files this could be slow - but SysPic takes care of this - the directory is scanned only once and then all matching filenames are cached in a file named '.syspics'. So remember:

- 1) first SysPic looks for '.syspics' file - if found reads it AND ignores the given pattern
- 2) if not found - scans the directory for matching files and creates '.syspics' file.

If you add/remove some pictures and/or modify the pattern YOU HAVE TO REMOVE '.syspics' file!!!

Options:

Dir	Switch - enables pattern random.
-----	----------------------------------

ExRand Switch - enables exclusive mode.
 This means that no picture will show twice
 until all of them are shown. However, this
 requires a write to harddisk - the information
 about currently shown files is stored in file
 named '.exdata'.

Examples:

```
SysPic Work:GFX/Pics/#?.ilbm dir
```

will show all pictures matching '#?.ilbm' pattern. And

```
SysPic DixDisk:Images/(Girl|Cute|Sexy)#??.iff|.ilbm) dir exrand
```

will show all those nice pictures starting with 'Girl', 'Cute' or 'Sexy' and ending with '.iff' or '.ilbm' suffix. Furthermore, you won't be annoyed with a picture showing more frequently than others. For thorough explanation of AmigaDOS patterns see AmigaDOS Manual.

Method shown above unlike it's predecessor doesn't force you to name your pictures in a number scheme, it's also fast and, at last, gives you the 'exrand' option...

1.10 Included Tools

Included Tools

SysPic's archive contains following tools:

ClosePic	- closes SysPic's screen
WaitForFadeIn	- avoids problems with IPrefs when fade-in
ListModes	- lists available screenmodes

and 2 tools taken from the Visage distribution archive:

GetModeID	- an alternative to 'ListModes'
UnpackILBM	- unpacks IFF-ILBM body - SysPic will show unpacked ILBMs usually faster

Two last programs are freely distributable and
 Copyright (c) by Magnus Holmgren

I included them because, first, the author allows to use them in other products, second, why to write something what is already written...

1.11 ClosePic

ClosePic

This small program closes SysPic's screen. Can be used from Workbench and Shell, too. The former method is recommended - ClosePic should reside in

'WBStartup' drawer (see Installation).

To have picture closed when whole Workbench is initialized set STARTPRI tooltype to -128. It assures that ClosePic will be launched last (for your convinience it is already set to -128 :). See Tips.

ClosePic understands another tooltype - 'DELAY=xxx' which allows to delay picture closing, where 'xxx' is ticks amount (1 second = 50 ticks). For example:

```
DELAY=150
```

causes 3 second delay. This option is unavailable from Shell.

1.12 WaitForFadeIn

WaitForFadeIn

'WaitForFadeIn' checks wether SysPic is fading the picture - if yes - waits until fade-in is finished, if not - exits quickly.

This command is required when you use SysPic's 'FadeIn' option. When SysPic is fading it's screen and in background 'IPrefs' command is executed (as startup-sequence is processed further) the picture flashes. This is possible due to the asynchronous behaviour of SysPic, especially in case of optimized startup-sequences and slow fade rate. To avoid it execute 'WaitForFadeIn' just before IPrefs. See Installation.

This command has no options.

1.13 ListModes

ListModes

This command (as it's name suggests) lists id numbers of screen modes present in the graphics database. You would need them for SysPic's 'ModeID' option. This command can be launched from Shell and Workbench as well.

Note, that 'ListModes' lists only modes with descriptive names (regular modes). I.e will not show modeid for MULTISCAN:160x960 HAM Interlaced, for example. This is where GetModeID command comes handy.

This command has no options.

1.14 GetModeID

NAME

GetModeID -- Get screen mode id number.

SYNOPSIS

GetModeID

DESCRIPTION

Open an Asl or ReqTools screen mode requester, and print out the decimal number for the selected screen mode. Only the number is printed, making it suitable for "backticking" it into the command line of other programs.

EXAMPLE

A bit useless perhaps, since Visage have a mode requester (among other things) already, but just an example to show how it can be used:

```
Visage Pics:Some.Pic MODE `GetModeID`
```

Even more useless example with SysPic (but you may use it to find suitable mode for a picture):

```
SysPic Pics:Some.Pic ModeID `GetModeID`
```

1.15 UnpackILBM

NAME

UnpackILBM -- Unpack IFF ILBM pictures.

TEMPLATE

UnpackILBM FROM/A,TO

SYNOPSIS

UnpackILBM [FROM] <Source> [TO <Dest>]

DESCRIPTION

Unpack the so called BODY chunk of an IFF ILBM file. The BODY chunk contains the actual picture data. The other parts of the file are simply copied.

OPTIONS

FROM The picture to unpack.

TO The file to unpack to. If not specified, then the unpacked file will overwrite the original (via a temporary file). Specifying the same file for both FROM and TO causes an error.

FUTURE PLANS

Several things could be improved, including buffered I/O (and thus not loading the entire BODY chunk into memory and unpack it there); a chunk filter (to remove unwanted chunks). Other (less likely to be implemented) things include the possibility to add/change some chunks and pack the BODY chunk.

1.16 Tips

Tips

Tip #1

Let's say you want to, for some special reason, randomly show some pictures which are placed in more than one directory. This can be easily achieved by editing the '.syspics' file - just add absolute paths for these pictures.

Tip #2

Pictures will be generally shown faster when they are unpacked ILBMs. See UnpackILBM utility.

Tip #3

Fade-out looks best when the picture and Workbench are displayed with the same monitor driver. Otherwise the monitor will have to resync during fading what would look ugly. Use ModeID and/or Monitor options pair or just save the picture in desired display mode.

Tip #4

Fade-out would also look ugly if you display smaller pictures than Workbench screen and the BBlank option is turned on.

Tip #5

One more issue about fade-out... If you don't want to waste any second while booting (this is what SysPic is meant to) set ClosePic's STARTPRI to lower value, so some programs from 'WBStartup' will be loaded later while SysPic is fading-out the picture. In my 'WBStartup' drawer it looks like:

...

ClosePic	-90
SwazInfo	-100
ToolsDaemon	-120
AutoAssign	-127

Play with it to achieve best result - Workbench screen should fade-in exactly as the last program is loaded.

1.17 To Do

To Do

I quote myself from 2.02 docs:

"No ideas. I think the proggie is complete."

Geeeezzzz.... life and YOUR suggestions have shown how wrong I was...

So if you have suggestions - let me know!

Currently I'm thinking of:

- o sound support (would be nice if SysPic can play IFF-8SVX samples)
- o prefs editor.... maybe.

1.18 Bugs

Bugs

Sprite blanking is still not perfect. Why? Normally it's no problem to get rid of sprites - it can be done by disabling sprite DMA or just by setting a window's mouse pointer to an invisible one. It works fine :-). But no if another program is poking in sprite stuff in the background. And this is the case, because IPrefs does so (it changes display params with VideoControl(), namely). The only thing I could do was an interrupt server, which was turning off sprite DMA subsequently. I have no other ideas! If you know a better one _please_ contact me!! (no one complained so far... maybe it works quite well?)

Another thing, not really a bug - overscan prefs. Starting from Release 2 there are no documented methods for setting preferences. The only program in universe able to do it is 'IPrefs'. Well, everything can be done :-). SysPic sets the overscan prefs EXACTLY in the same way as IPrefs does. But this can be considered as kind of hack. Well, works fine under V39 & V40, however, this maybe not be the case under future releases of Kickstart.

One more - problems with 'IPrefs' when fading the picture. Currently WaitForFadeIn program is the workaround. I think the problem lies on the IPrefs's side.

There is a another problem - you won't see MagicWB-daemon's intro-animation because Workbench screen is kept behind SysPic's one. To be fixed soon (I've got a suggestion from Stefan Stuntz, the author of MagicWB-daemon).

SysPic display mess on CyberGFX. To be fixed soon.

SysPic has been reported to not coexist peacefully with statram.device on some machines. Investigation in progress. Strangely enough, it works with no problems with static.device. (reported by Thomas Szucs).

1.19 Author

Contacting the author

Any ideas, bug reports, donations, etc. will be sincerely welcomed. Just contact me! Remember: SysPic is *CARDWARE*!!!

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System: A4000/40, 10MB RAM, HDD 420MB, HDD 340MB, A1942 monitor

Check out my other tools (they are on Aminet):

AutoAssign.lha	util/wb	18K	19+V1.12-Automagically makes assigns & moun
SmartWB.lha	util/wb	4K	19+Boosts up Workbench's windows refreshing
JustPlay.lha	mus/play	20K	19+1.1-Proplayer to use w/icons, src, XPK
iconspyl.lha	util/wb	12K	66+Monitors calls to icon TOOL TYPES (w/ so

Stay tuned for:

SnapGad 1.00, AutoAssign 2.00, DeInstaller 2.00....!!

Always remember:

Beeting is believing...
and Amiga is the best computer ever!

Also remember...

if you like SysPic rate it on Aminet!!!

PS.

Forgive my poor English.... :(

1.20 Magnus Holmgren

Magnus Holmgren is the author of Visage - a great picture viewer with many powerful features. You can download it from Magnus's home page or any Aminet site. Try it out!

If want to contact Magnus write to:

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WWW : <http://www.lls.se/~cmh>

1.21 Acknowledgements

Acknowledgements

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- o Stefano Peruzzi, Aaron Robinson, Christian Kemp, Javier Rodríguez Cos, Girish Nath, Knut Suebert, Blaz Erzetic, Johan Torin, Trevor Morris, Gregor Bernhard Rosenauer, Andrew Bruno, Sven Eppler, Michael Neuweiler, John Severinsen, Markus Rütter, Adriano De Minicis, Laurens van Klaveren, David De Groot, Dave Dustin, Louis Pierre Le Gall, Thomas Szucs, Marcin Orlowski for their suggestion and/or bug reports...
 - o Michal Prochownik for moral support and windoze pics
 - o Ryszard "Justus" Baginski for ClosePic's icon.
 - o Tomasz "Bialy" Bialas for the account on the gate.math2.us.edu.pl
 - o Jacek "Shind" Grzegorzcyk for the 340MB HDD (really nice gift 8-)
 - o David Taylor at Amiga Shopper for sending me the magazine!!
 - o Stefan Ossowski's Schatztruhe for free Aminet CD 10 (with SysPic 2.11 on it!!!). Keep up your work!!!
 - o For develop team at C= (R.I.P) for the wonderful machine.
-

- o ECom for Amiga Technologies.

List of people who registered by sending me a postcard (in no special order):

Javier Rodríguez Cos, Spain	- I've got both of them!!! :)
Markus Rütter, Germany	
Roman Patzner, Austria	
Adriano De Minicis, Italy	
Marcel Halbeisen, Switzerland	- not a exactly a postcard but nice...
Tobias Gerdin, Sweden	
Louis Pierre Le Gall, France	- nice scan!!
Martin Pettersson, Sweden	
Bob Stinson, Canada	- 4 BEAUTIFUL POSTCARDS FROM VANCOUVER! Bob, you're great!!!
Dave Dustin, New Zeland	- Two extremely cool postcards! [Your black wb is really impressive!]

Short, pity (note, no postcards from Poland...) :(How about you??

1.22 History

History

v1.00ß (22.07.95)

- o First BETA release.

v1.50 (25.08.95)

- o not "historized" and not released

v2.00 (30.08.95)

** not released to public

- o Now SysPic automatically detaches from current Shell process. It does it in intelligent way, i.e exits after the picture is loaded & displayed.
 - o Added random generator. New options: RANDMIN, RANDMAX, DIGITS.
 - o Added feature of setting overscan prefs before IPrefs will do that! (New option: SETOSCN). It's a hack! See Bugs.
 - o Sprite blanking works better but it is still unreliable.
 - o Added shortcut for BESTFIT - BF.
-

v2.01 (05.09.95)

** not released to public

- o Improved sprite blanking. A little, in fact :-). See Bugs.

v2.02 (27.09.95)

- o Added support for my other utility - BeetLogin. Automatically closes 'fake' screen leftover by it.
- o In some cases SysPic didn't display error messages (ie "Not IFF file"). Fixed.
- o Rendezvous port priority set to a high value to improve ClosePic's performance.
- o Documentation updated.
- o Finally released... (and probably the final release... :-)

v2.03 (27.11.95)

- o Now SysPic's screen is public screen. (Requested by Stefano Peruzzi).
- o For the same reason 'KEEPPTR' switch added. If specified the pointer won't be blanked.
- o SysPic always lost 8 bytes of memory due to the patching of intuition/OpenScreenTagList() function. Now it loses them only if another program patches the same function.
- o Optimized a bit (saved over 512 bytes :-)

v2.10 (14.12.95)

- o Veritcal centering option added - 'VCenter'. (Requested by Aaron Robinson and several other people)
 - o Border blanking option added - 'BBlank'. (Suggested by Christian Kemp)
 - o Options changed to mixed-case (increases readability).
 - o ILBM unpacker rewritten in machine code. A bit faster :).
 - o 68040+ version included
 - o 'DELAY' option added in ClosePic. (Suggested by Javier Rodríguez Cos)
 - o Version string included in ClosePic.
 - o Bonus pictures cropped to used area (now smaller, but need 'VCenter' option to be centered correctly).
-

- o Further optimizations made saving some bytes (again smaller than previous version!)
- o Installer script included (finally...)

v2.11 (18.12.95)

- o Ooopsss... vertical centering had been working until final compilation... really stupid bug. Fixed.
- o Error messages sometimes were doubled (strange, indeed). Fixed.
- o An Enforcer hits could occur when SysPic was passed with bad arguments - an old bug in the startup code found & cured.
- o Documentation updated... I didn't write that ClosePic's DELAY tooltype value is expressed in ticks.

v3.00B (22.02.96)

** not released to public

- o MAJOR UPDATE!!
- o Completely rewritten ILBM code. Most critical parts are now in optimized assembly. Up to 10 times faster now! iffparse.library is no longer used. However, this has some drawbacks - complex FORMs can't be displayed, so SysPic won't show first frame of an animation, for example (drawback, really ?).

Also, pictures without CAMG chunk and bigger than lores didn't show (like these saved with AdPro, for example). Fixed. Reported by Knut Suebert.

- o Adjustable fade-ins added! Here you are fade-in lovers [yeah, it's nice, but rather fancy option ;-]. SysPic can smoothly fade-in picture and fade-out it to Workbench. Popular demand... whole bunch of folks have cried for this....
 - o Pattern random implemented! Just pass a filepattern to select pictures randomly from a directory. To make it fast a file (.syspics) containing filenames is created.
Suggested by Johan Torin, Trevor Morris, Gregor Bernhard Rosenauer and Andrew Bruno.
 - o Even more! Exclusive random option is available! No more showing a picture twice! Proposed by Johan Torin again.
 - o The most wanted 'ModeId' option finally added! Now it's possible to force a displaymode or just to promote to a specific monitor.
Suggested by Sven Eppler, Michael Neuweiler and some other people.
 - o SysPic's screen can be closed now by a mouse-click or a keystroke!
Requested by G.Nath and Johan Torin.
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- o SysPic will close its screen immediately when pushed to back! In case of an error requester, for example. Idea given a long time ago by Christian Kemp (yes, it could be done!).
- o Another unique feature added – SysPic WILL NO longer fragment chip memory. Screen's memory is allocated at the top of free memory pool. Suggested by John Severinsen.
- o IMPORTANT! SysPic's screen is no longer public by default. New 'Public' option makes it public. Could cause problems with tools like MultiCX. See Bugs. Reported by Markus Rütter.
- o Borderblanking didn't work. Fixed. Reported by Christian Kemp.
- o 'BestFit' option was practically unusable. Now it works quite nice.
- o 'Delay' option added – adds delay before showing picture.
- o Small bug in ClosePic removed (version bumped to 3.00).

v3.00 (15.03.96)

- o WaitForFadeIn command added.
- o GetModeID and UnpackILBM commands from Visage distribution included.
- o A bug in random generator found & cured.
- o Two bonus pictures added.
- o Documentation updated & reworked (major work....). This guide utilizes amigaguide.library v39. Plain doc removed from distribution.

v3.01 (11.04.96)

- o New options added: 'Red', 'Green', 'Blue'. Requested by Dave Dustin, Girish Nath and Marcin Orlowski [blackness is now possible, guys :]
 - o Right mouse button doesn't immediately close the picture. It rather fades it out (usable for tests). Again Girish Nath's suggestion.
 - o Distribution changed – SysPic is now split into two archives, one with the program, second one with the bonus pictures. (Saving bandwidth... :)
 - o Default tool in 'Install SysPic' icon changed to 'Installer' (was 'C2:Installer'... oops, ToolAlias in MCP is guilty). Reported by Louis Le Gall.
 - o Four (marvellous) bonus pictures by Michal "Dixan05" Prochownik included.
 - o Sorry folks, the .01 increment took so long... :(
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