

085c5030-0

captain bifat neoscientists

COLLABORATORS

	<i>TITLE :</i> 085c5030-0		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY	captain bifat neoscientists	January 25, 2023	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

1	085c5030-0	1
1.1	MysticView	1
1.2	introduction	2
1.3	features	2
1.4	insufficiencies	3
1.5	requirements	3
1.6	usage	3
1.7	configuration	5
1.8	history	8
1.9	AUTOSAVESETTINGS	18
1.10	BACKDROP	18
1.11	BGCOLOR	19
1.12	DEFAULT	19
1.13	DEPTH	19
1.14	DESTPATH	19
1.15	DISPLAYMODE	20
1.16	DITHER	20
1.17	HAM	21
1.18	KEEPIMAGE	21
1.19	LISTFILE	21
1.20	LISTPATH	22
1.21	MODEID	22
1.22	RECURSE	22
1.23	PRECISION	22
1.24	PREVIEWMODE	23
1.25	PUBSCREEN	23
1.26	STATICPALETTE	24
1.27	REFRESHMODE	24
1.28	RENDERQUALITY	24
1.29	REQUESTFILE	25

1.30	SCREENASPECTX SCREENASPECTY	25
1.31	SCREENWIDTH SCREENHEIGHT	25
1.32	SLIDEDELAY	25
1.33	SLIDESHOW	26
1.34	STARTPATH	26
1.35	WINLEFT WINTOP	26
1.36	WINOPENMODE	26
1.37	WINSIZEMODE	27
1.38	WINWIDTH WINHEIGHT	27
1.39	display pictures	28
1.40	specify pictures via command line	28
1.41	specify pictures via listfile	29
1.42	specify pictures via drag'n'drop	29
1.43	specify pictures via iconstart	29
1.44	specify pictures via file requester	30
1.45	disclaimer	30
1.46	submissions	30
1.47	shareware	30
1.48	author	31
1.49	copyright	31
1.50	distribution	31
1.51	acknowledgements	32
1.52	known problems	32
1.53	PRELOAD	33
1.54	DITHERMODE	33
1.55	STARTPIC	34
1.56	PRESETPATH	34
1.57	PRESETFILE	34
1.58	LOOP	34
1.59	AUTOQUIT	35
1.60	SORTMODE	35
1.61	ZOOMSTEP	35
1.62	PRESET0...9	36
1.63	SHOWCURSOR	36
1.64	Examples	36
1.65	SCROPENMODE	37
1.66	CX_PRIORITY	38
1.67	CX_POPKEY	38
1.68	CX_POPUP	39

1.69	AUTOHIDE	39
1.70	ROTATESTEP	39
1.71	CONFIRM	40
1.72	HIDEWITHPICTURE	40
1.73	ICONIFY	40
1.74	getting datatypes	41
1.75	THUMBSIZE	41
1.76	THUMBCOLORS	41
1.77	REJECTPATTERN	42
1.78	AUTOTHUMBNAIL	42
1.79	DirectoryOpus configuration	42
1.80	PRIORITY	43
1.81	FONTSPEC	44
1.82	PICINFO	45
1.83	LMBACTION	45
1.84	AUTODISPLAYMODE	45
1.85	AUTOCROP	46

Chapter 1

085c5030-0

1.1 MysticView

MysticView
datatype picture viewer

~~introduction~~~~~
~~copyright~~~~~
~~features~~~~~
~~disclaimer~~~~~
~~insufficiencies~~~~~
~~distribution~~~~~
~~requirements~~~~~
~~shareware~~~~~
~~displaying~pictures~~
~~submissions~~~~~
~~main~window~usage~~~~
~~author~~~~~
~~configuration~~~~~
~~getting~datatypes~~~~
~~examples~~~~~
~~DirOpus~config~~~~~
~~acknowledgements~~~~~

~~known~problems~~~~~

~~history~~~~~

1.2 introduction

introduction

MysticView is an easy-to-use picture viewer with modern features, providing excellent display quality and great flexibility.

see also

~~features~~~~~

~~insufficiencies~~

1.3 features

features

- fully independent from native display hardware:
displays every picture on any screen mode, resolution and color depth, including hicolor, truecolor and HAM.
- user and system friendly:
integrates perfectly to your system - opens a scalable (or borderless) window on your workbench, or on any public or custom screen.
- free scaling:
scales images to the required dimensions automatically, with respect to the aspect ratios of both the screen and the picture.
- display quality:
features highly elaborated color quantization and rendering. floyd-steinberg and EDD dithering are available on displays with 256 or less colors, and on HAM screens.
- heavily multithreaded:
uses massive internal multitasking for an user-compliant behavior. the main window stays usable while loading, drawing, copying, scanning, ...
- highly configurable:
has got innumerable configuration details to suit your personal taste. you can create up to 10 different configurations covering any detail - to be invoked with a single keystroke.

see also

~~insufficiencies~~

1.4 insufficiencies

insufficiencies

- MysticView is fully dependent from datatypes, since there are no custom loading routines implemented.
- MysticView demands a lot of memory and cpu power. it is best suited for well-equipped systems.
- MysticView does not feature progressive loading
- MysticView is not intended to act as an image converter, effect processor, and alike. it just displays pictures.
- MysticView is not localized.

see also

~~requirements~~~~~

~~known~problems~~~~

~~getting~datatypes~~

1.5 requirements

requirements

- os3.0 (v39)
- 68020, minimum suggested: 68030/50
- lots of memory, minimum suggested: 16 mb
- datatypes.library v39 (suggested: v43)

supports

- higher cpu, fpu
- os3.1 (v40)
- cybergraphics, picasso96
- newicon.library v40
- neuralnet.library v2

see also

~~getting~datatypes~~

1.6 usage

main window usage

mouse control:

- when a picture is not fully visible, it can by default be dragged around with the mouse. optionally, MysticView can be configured to advance to the next picture when the left mouse button is clicked. see setting
LMBACTION
.

keyboard control:

- escape
quit MysticView
 - tab
zip/unzip window
 - enter or space or n
next picture
 - . or p
previous picture
 - s
start/stop slideshow
 - i
toggle picture information
 - c
toggle picture cursor
 - + and -
zoom picture by an factor defined throughout
ZOOMSTEP
- *
reset zoom factor to 1
 - [and]
rotate left/right by an angle defined throughout
ROTATESTEP
- /
reset rotation to an angle of 0 degrees
 - arrow keys / ALT arrow keys / SHIFT arrow keys
scroll inside a zoomed picture
 - #
reset position
 - f1 ... f10
copy the current picture to a configurable path.
-

- SHIFT f1 ... SHIFT f10
move the current picture to a configurable path.
- CTRL f1 ... CTRL f10
use one of 10 configurable presets.
- 1 ... 5
displaymodes:
1 'keep aspect min' mode
2 'keep aspect max' mode
3 'onepixel' mode
4 'ignore aspect' mode
5 'fit' mode
- see
 DISPLAYMODE
 for details
- x
flip picture horizontally
- y
flip picture vertically
- ~
invert picture

1.7 configuration

configuration

the following keywords are available throughout tooltypes, shell arguments, and in preset files. exceptions:

LISTFILE

,

PRESETFILE

and

DEFAULT

are only available in the commandline.

note: the keywords are always case-insensitive.

~~AUTOCROP~~~~~

automatically remove blank borders

~~AUTODISPLAYMODE~~~~~

let MysticView guess the display mode.

~~AUTOHIDE~~~~~

hide after last picture

~~AUTOQUIT~~~~~

quit after last picture

```
~~AUTOSAVESETTINGS~~~~~
    save settings at exit

~~AUTOTHUMBNAIL~~~~~
    create thumbnails automatically

~~BACKDROP~~~~~
    borderless backdrop window

~~BGCOLOR~~~~~
    window's background color

~~CONFIRM~~~~~
    suppress annoying "are you sure" requesters

~~CX_POPKEY~~~~~
    hotkey command sequence

~~CX_PRIORITY~~~~~
    hotkey command priority

~~CX_POPUP~~~~~
    open in iconified state?

~~DEFAULT~~~~~
    use hardcoded defaults

~~DEPTH~~~~~
    custom screen depth

~~DISPLAYMODE~~~~~
    pixel aspects, scaling and more

~~DITHERING~~~~~
    enable dithering

~~DITHERMODE~~~~~
    Floyd-Steinberg or EDD

~~FONTSPEC~~~~~
    font specifier

~~HAM~~~~~
    open HAM screen

~~HIDEWITHPICTURE~~~~~
    keep image when iconified

~~ICONIFY~~~~~
    iconify mode

~~KEEPIMAGE~~~~~
    keep current image while loading

~~LISTFILE~~~~~
    listfile to use at startup
```

```
~~LMBACTION~~~~~  
    left mouse button behavior  
  
~~LOOP~~~~~  
    loop eternally  
  
~~MODEID~~~~~  
    screen mode id  
  
~~PICINFO~~~~~  
    display info textline  
  
~~PRECISION~~~~~  
    for screen-pen allocation  
  
~~PRESETFILE~~~~~  
    configuration to load at startup  
  
~~PRELOAD~~~~~  
    load next pictures in the background  
  
~~PREVIEWMODE~~~~~  
    realtime update when scaling/scrolling  
  
~~PRIORITY~~~~~  
    task priorities  
  
~~PUBSCREEN~~~~~  
    public screen to open upon  
  
~~RECURSE~~~~~  
    scan subdirectories  
  
~~REFRESHMODE~~~~~  
    preferably smart  
  
~~REJECTPATTERN~~~~~  
    automatically exclude files  
  
~~RENDERQUALITY~~~~~  
    faster rendering or higher accuracy?  
  
~~REQUESTFILE~~~~~  
    open filerequester at startup  
  
~~ROTATESTEP~~~~~  
    in degrees  
  
~~SCREENASPECTX/Y~~~~~  
    correct biased screen aspects  
  
~~SCROPENMODE~~~~~  
    public, custom, or default screen  
  
~~SCRWIDTH,~SCRHEIGHT~~  
    let MysticView choose your screenmode
```

```

~~SHOWCURSOR~~~~~
    imaginary image cursor

~~SLIDEDELAY~~~~~
    delay between pictures

~~SLIDESHOW~~~~~
    advance to the next picture automatically

~~SORTMODE~~~~~
    none, alpha, date

~~STARTPIC~~~~~
    for those who HATE MysticView's logo

~~STATICPALETTE~~~~~
    static palette, quicker and dirtier

~~THUMBCOLORS~~~~~
    number of colors for thumbnails

~~THUMBSIZE~~~~~
    size of newicon thumbnails

~~WINLEFT,~WINTOP~~~~~
    determine fixed window position

~~WINOPENMODE~~~~~
    window location mode

~~WINSIZEMODE~~~~~
    window size mode

~~WINWIDTH,~WINHEIGHT~~
    determine fixed window size

~~ZOOMSTEP~~~~~
    relative step rate to zoom in/out

```

see also

```

~~examples~~~~~
~~DirOpus~config~~

```

1.8 history

history

0.99f

- newicon thumbnail creation did not work properly. fixed.
 - Thumbnail AutoUpdate now recognizes changes of the pictures themselves, as well as changes of the thumbnail parameters.
 - removed redundant modes from the screenmode requester.
-

- some minor bugfixes.

0.99e

- the neural network for AUTODISPLAYMODE has been overworked.
- the AUTOSAVESETTINGS setting is no longer saved in the icon, it is now part of the global configuration
- MysticView did not read its settings from an icon when it was started as an icon's default tool. fixed.
- added AUTOCROP setting

0.99d

- added
AUTODISPLAYMODE
and a new menu entry "learn and predict".
if activated, MysticView uses a small neural network to learn the user's desired displaymode for different kinds of pictures. "learn and predict" does not care about the rarely used displaymodes IGNOREASPECT and FIT. it will only learn from and try to predict KEEPASPECT, KEEPASPECT2, and ONEPIXEL.
- added a new icon by M. Grothmann.

0.99c

- fixed display mode settings in the menus. mutual exclude was broken since 0.99b.
- added menu item "rename picture". Renaming in this context means moving a picture to any place in the filing system. the difference towards "move picture" is that the picture is kept in the current picture list. requested by G. Hones.

0.99b

- the commandline arguments were broken as of v0.99. fixed.
- "reset display settings" is now considered when the display mode is changed. requested by infinity.
- re-enabled the escape key for quitting. requested by P. Habermehl and J. Urbanek
- added PRIORITY setting (normal, nice, low). the priority is only considered when mysticview starts.
- the options menu has been completely restructured. some settings have been removed from the menu, they are only accessible throughout tooltypes now: Hide mode, simple/smart refresh, keep image when hidden
- removed every second frame of the supplied animation from the archive. it appeared somehow obscene to me to include half a megabyte of animation data for silly demonstration purposes only.
- by default the system's screen font is used for the picture info text.
- added FONTSPEC tooltype for the picture info text. syntax: size[,name]. example: FONTSPEC=8,topaz
- revised the documentation. many details did not reflect recent changes.
- with LMBACTION=NEXT, only mouseclicks that exactly hit the picture will actually advance the picture list.
- slightly modified the supplied example presets.

* 0.99a

- pictures moved to another directory are now removed from the list.
- the package contained outdated versions of some libraries, and the installer did not update them correctly. fixed.
- the icons in the v0.99 archive still contained the old tooltype settings. fixed.

0.99

- added configurable left mousebutton action ('drag' or 'next')
- a default preset path is no longer defined.
- fixed a bug in the presetfile generation.
- fixed the startup. MysticView's icon settings were read and interpreted twice.

0.98j

- renamed NOLOOP to LOOP, NORECURSE to RECURSE, RENDERMEM to RENDERQUALITY.
- all former boolean-type settings are now keyword settings. the keywords are "YES" and "NO".
- removed the DEFICON tooltype.
- SCROPEMODE "NONE" has been renamed to "DEFAULT".
- restuctured the menus.
- configurable paths and presets are now stored in env:/envarc: and saved automatically. this greatly enhances comfort and usability.
- file management requesters are no longer opened on the default pubscreen, but rather on MysticView's screen.
- Mysticview now uses the Workbench's SA_Pens when opening a new screen
- added slideshow/no delay option.
- added RESETDISPLAY setting. if enabled, the zoom/position/rotation settings are reset between pictures.
- the installer no longer overwrites an already existing icon.
- MysticView is no longer iconified when the close button is clicked or Escape is pressed. Iconify has to be invoked seperately.
- changed some default settings.
- added auto thumbnailing.
- removed shareware limitation for thumbnail functions.
- MysticView now creates icons for its preset files.
- MysticView can now be started by doubleclicking a preset icon.
- preset files can be dragged to MysticView's window.

0.98i

- fixed mouse movement problem that somtimes occured when MysticView's screen was left or re-activated. thanks to persistant nagging from Joker. this was a MysticView bug and NOT caused by MCP.
 - fixed asl file requester enforcer hit
 - the same picture is no longer preloaded in the background when only one picture is in the queue.
 - included some more semaphore protections to the background picture handler
 - fixed a rejectpattern bug/enforcer hit when no rejectpattern was specified
 - added menu item "Negative"
 - added some busy pointers
 - changed some hardcoded defaults and default settings in the distribution.
-

- iconify mode default is now hardcoded to NO.
- a picture is no longer reloaded when "keep image when hidden" is selected, slideshow mode is active, only one picture is in the queue, and MysticView gets uniconified. the same applies if the screen/windowmode is changed ("keep image when hidden" is not considered in this case)

0.98h

- you can now completely disable mysticview's logo by setting STARTPIC=none. mysticview now starts when a startpic wasn't found.
- fixed a tiny memory leak in the settings that could occur with some options.
- added THUMBSIZE and THUMBCOLORS.
- improved subtask stability
- added REJECTPATTERN
- the startpic file requester could produce an enforcer hit. fixed.

* 0.98g

- fixed slideshow bug: when only one picture was selected and slideshow plus loop mode was activated, the picture was reloaded over and over again. reported by Joker.
- minor aspect problems fixed.
- the image aspect is now displayed in the information textline.

0.98f

- added JPEG saving. (no options yet. default saving quality used).
- fixed commandline options. reported by Kilyman.

0.98e

- added autodither.
- fixed timing problems in slideshow mode.

0.98d

- MysticView now requires mysticview.library.

0.98c

- MysticView has been slightly sped-up on truecolor displays.
- added ZOOMSTEP.
- limited newicon thumbnails to a size of 80x80 pixels and 64 colors. this will speed up the icon display on your Workbench. (this is still no final solution, though.)
- added configurable slots for preset files. they can be accessed throughout CTRL F1 ... F10 and configured by selecting them from the menu. requested by H. Richter.
- the same scheme now applies to the configurable destination paths for copying/moving. keyboard executes, menu selection configures.
- slideshows didn't always stop immediately. fixed.
- implemented SHOWCURSOR.
- the REQUESTFILE option is now considered after a slideshow stopped. requested by P. Habermehl.
- implemented SHOWCURSOR.
- finally fixed the publicscreen/customscreen problem. the setting SCROPENMODE=CUSTOM/PUBLIC/NONE replaces the former

tooltype CUSTOMSCREEN.

- added CX_PRIORITY, CX_POPKEY and CX_POPUP.
- MysticView is now a commodity. ESC to hide, Amiga-Q to quit.
- note: 'hide' keeps the current image - and you keep that in mind when you iconify MysticView with a 2880x1440x24 image :)
- the screen is no longer closed and reopened for the change of window settings.
- fixed a memory allocation bug with the PUBSCREEN setting.
- many minor changes
- added AUTOHIDE.
- the picture aspect is now handled for thumbnails.
- added pubscreen select and default/public/custom menu items.
- added appicon
- added rotation. (preliminary. SHOWCURSOR and grid refresh doesn't work corretly with the image being rotated)
- fixed install script for 030/FPU version. Reported by B. Murray.
- deleted pictures are now removed from the list and MysticView advances to the next picture. requested by P. Dahlberg.
- added ROTATESTEP
- added DEFAULTICON
- added CONFIRM. requested by P. Dahlberg.
- added HIDEWITHPICTURE.
- added ICONIFYMODE.

0.98b

- fixed PUBSCREEN setting. pubscreens have got precedence over CUSTOMSCREEN now. reported by P. Habermehl and M. Kilimann.
- fixed MysticView's new icon to use only required colors. reported by M. Kilimann.
- looping and AUTOQUIT are now applied in general, not only in slideshow mode. requested by P. Habermehl.

* 0.98a

- forgot to implement NORECURSE tooltype setting. fixed.
- added NOLOOP and AUTOQUIT settings. requested by P. Habermehl.
- new default background color
- implemented SORTMODE none/random/alpha
- added limitations for unregistered users. :)

0.97h

- added setting DITHERMODE. implemented EDD dithering.
 - renamed DITHER to DITHERING.
 - pictures that could not be loaded no longer interrupt slideshows, and a proper error message will be displayed.
 - added Delete Picture.
 - copy/move/delete now applies to the pictures' icons, too.
 - added STARTPIC setting.
 - restructured menus.
 - added Flip Horizontally and Flip Vertically.
 - MysticView now creates a new icon for its settings, if necessary.
 - implemented loading and saving of presets, added PRESETPATH and PRESETFILE settings
 - fixed DEFAULT option. now the defaults are overridden by arguments specified in the command line.
-

0.97g

- the preload task's priority has been reset to -1.
- added newicon thumbnail feature. (preliminary, for experimental purposes only)

* 0.97f

- added preloading.
- added invisible close and screenback gadgets. this works only when both the settings WINSIZEMODE=FULL and BACKDROP are specified. requested by Joker.
- MysticView no longer forgets the current filename when the configuration is changed, and slideshows will be continued.
- added some more keyboard shortcuts
- dropped german documentation, created a guide file and an install script

0.97e

- added picture information and PICINFO setting
- implemented a new picture-management class consisting of several subtasks.
- slideshow now works as expected. (preload is not yet re-implemented, though)
- fixed many menu-related problems and improved menu layout
- added copy to..., move to... for 10 configurable slots each.
- all path/filenames are now handled dynamically
- with the REQUESTFILE option enabled, a requester no longer pops up when images were specified at startup.
- improved memory management
- when initialization fails, a requester is shown for retry, cancel, or retry using defaults.
- added LISTFILE commandline option. it allows to specify a list file from where to fetch pictures.
- added Open List File... menu and LISTPATH config.
- the window border is now refreshed correctly (after approx. 1/5 second. guess what, a subtask is used here. opaque window sizing would suffer too much from refreshing the window border all the time :)
- finally! MysticView should close down gently now if the required versions of guigfx or render.library could not be opened (#&\$@%!?)
- new icon tooltypes are created dynamically. no need to upgrade MysticView's icon anymore.

0.97d

- the configuration is now saved to MysticView's icon.
- menu items didn't toggle correctly (forgot MENUTOGGLE. what the heck, why does this work with MagicMenu ;)
- added more CTRL_C exit breakpoints
- the main task priority is now reset correctly.
- improved handling
- major menu layout rework
- added AUTOSAVESETTINGS
- added PREVIEWMODE
- added grid refresh
- fixed lots of minor quirks and problems

0.97c

- slightly improved screenmode selection logic:
default screen size is now the workbench's visual dimensions, no longer its absolute size.
- re-implemented screensaspect tooltypes (thanks to ZZA :)
- added slideshow mode
- MysticViw now reads its configuration from the icon, even when started from shell. commandline arguments simply override the settings from the icon's tooltypes.
- added mouse scrolling - it's now possible to drag the picture around in MysticView's window.
- added a lot of menu items
- improved HAM refresh logic
- the screen's title bar is no longer obscured in WINOPENMODE=VISIBLE and without BACKDROP mode.
- added MODEID, SCRWIDTH, SCRHEIGHT
- added screenmode requester

0.97b

- MysticView crashed without cybergraphics. Fixed.

0.97a

- The display part has been rewritten. Now a daemon-like view-class handles the display as a background task. the new display logic is faster.
- implemented zooming and scrolling in all displaymodes (except for DISPLAYMODE=FIT).
- implemented DISPLAYMODE KEEPASPECT2 and IGNOREASPECT. DISPLAYMODE=ONEPIXEL has got a slightly different meaning now.
- implemented asynchronous, recursive directory scanning.
- multiselect und patternmatching is now supported via drag&drop, filerequester, commandline and wbstart.
- added some keyboard shortcuts.
- Next and Previous Picture is now implemented.
- BORDERLESS has been renamed to BACKDROP.
- WINSIZEMODE=NORMAL renamed to WINSIZEMODE=DEFAULT, WINOPENMODE=NORMAL renamed to WINOPENMODE=DEFAULT
- PREVIEW und OPAQUESIZING are combined to a new single option: OPAQUE.
- added new options QUICKPALETTE and DITHER.
- TRANSPARENCY, REFRESHDELAY and AUTODITHER have been removed.
- added some menu configurations.

0.96n

- MysticView now uses DoPictureMethod()/PICMTHD_MAPDRAWHANDLE for quick drawing in preview mode and for opaque sizing.
- added tooltype WINSIZEMODE=SMALL, renamed WINSIZEMODE=66PERCENT to WINSIZEMODE=LARGE.

0.96m

- fixed a minor pubscreen problem.

0.96l

- a logo task is no longer launched when a startup picture is specified.
- minor internal changes

0.96k

- since v0.96j, MysticView uses guigfx.library v3
-

features, but it still opened guigfx.library v1.
fixed.

- minor problems corrected.
- when a startup picture is specified, the logo task is launched with a lower priority than the load task.
- added STARTPATH tooltip.

0.96j

- added RENDERMEM option
- fixed ASL filerequester problems.

0.96i

- added cursor and mouse scrolling in DISPLAYMODE=ONEPIXEL.
- window is now WFLG_ACTIVATE.
- improved refresh mechanism.
- added KEEPIMAGE.

0.96h

- added a nicer rendered logo and dropped alpha-channel processing for the logo in TRANSPARENCY mode.
- KEEPPASPECT now works in TRANSPARENCY mode on screens with aspects different from 1:1.
- TRANSPARENCY is slightly faster.
- removed NOBACKFILL hook in TRANSPARENCY mode.
- added BGCOLOR option.

0.96f

- drastically reduced memory consumption.

0.96e

- implemented tooltips SCREENASPECTX and SCREENASPECTY for correction of distorted screen aspects (e.g. Cybergraphics 640x256, or custom screen modes boosted with MonEd etc)
- since the autodither value cannot be computed for rendering to HAM screen modes, HAM dithering is always enabled with AUTODITHER != 0 and disabled with AUTODITHER=0.
- (finally?) solved all subtask administration problems.
- fixed commandline and wbar parsing and supplied a proper template.
- MysticView now quits with the ESC key.
- added REQUESTFILE for MysticView to open a filerequester on startup.
- The filerequester now opens asynchronously.
- included Mac's newicon.

0.96d

- Fixed a minor problem with MysticView running multiple times on HAM public screens.
- Fixed Division-by-zero problem in MysticView's drawtask (hopefully)
- improved subtask data-share mechanism
- tooltip options are no longer case sensitive.

0.96c

- Added tooltip option HAM for MysticView to open a HAM screen in combination with CUSTOMSCREEN.
-

0.96b

- re-implemented transparency mode
- implemented About requester
- improved TRANSPARENCY mode: the background is no longer snapped when a REFRESHWINDOW message arrives

0.96a

- MysticView has been completely restructured in preparation for further enhancements

0.95g

- added DirOpus configuration example.
- MysticView has got a menu and a filerequester for loading.
- if CUSTOMSCREEN is specified, the new screen is actually a pubscreen.
- implemented PRECISION tooltip.
- 0.95f was eating its own signals - after 16 refresh signal arrivals, no more subtasks could be created. Fixed.

0.95f

- added filename argument and FILENAME tooltip.
- fixed WINOPENMODE

0.95e

- MysticView did not work without Cybergraphics. Fixed. Thanks to Plex and New Mode who reported this bug.

0.95d

- minor problems fixed.

0.95c

- improved speed.
- implemented CUSTOMSCREEN and DEPTH for MysticView to open on a custom screen. These features are preliminary, though.

0.95

- implemented more reliable shared-data access for MysticView's subtasks.
- drawtask priority reset to 0.
- removed a lot of bugs from the subtask admin code.
- MysticView does no longer lose memory.

0.94

- implemented DISPLAYMODE KEEPASPECT
- supplied a NOBACKFILL hook for the window.
- unallocated pens and undefined areas are no longer visible.
- the redraw task now runs with a priority of -1.
- slightly improved opaque-sizing. the rastered bitmap is precalculated right after loading, when OPAQUESIZING=TRUE and TRANSPARENCY=0
- fixed WINTOP and WINLEFT.

0.93

- added asynchronous drawing - leading to much better window handling
 - MysticView runs with a priority of 1, its subtasks
-

- with a priority of 0
- added tootype options

0.92

- implemented DISPMODE_ONEPIXEL.
- heavily trained for stableness.

0.91

- memory management improved

0.9

- completely rewritten from the scratch, now using guigfx.library. features asynchronous loading, a transparent window, dithering, more elaborated window sizing and opening techniques, different display modes, and much more.

----- cut -----

0.76

- layout improved.
- implemented ADAPTIVEBORDER

0.75

- added lots of tootype options
- fixed many minor problems
- greatly improved some image refresh problems.

* 0.68

- first public release
- minor changes
- there was a heavy bug in v16.1 and v16.2 of render.library. I guess that MysticView crashed right at startup if you did NOT use the 68060 version. Sorry. I bumped the required library version to v17 where this bug has been fixed.

0.67

- major rework and clean-up

0.66

- The color allocation strategy has been improved.

0.65

- I couldn't quickly get rid of some heavy bugs I've introduced with v0.64. So I decided to continue work with v0.62 and render.library v12.0. Asynchronous loading is no longer implemented. This version seems to work pretty stable.

0.64

- asynchronous loading implemented.

0.63

- About is asynchronous now.
 - improved color allocation strategy.
 - MysticView crashed on 2-color-displays. Fixed.
-

0.62

- better allocation strategy for critical colors on displays with few sharable pens.
- Filerequester implemented.
 - A percentual render progress display and several messages are displayed in the window's title bar.
 - The picture's width is now layouted pixelwise, no longer in multiples of 16 pixels.
- Various enhancements and bugfixes

0.60

- Faster display.
- Several bugs fixed.
- Fixed display problems (window borders and flicker...).
- Pooled memory management implemented.
- Window is SIMPLE_REFRESH now.
- Requires less memory.
- Nicier logo.
- Menu implemented for "About" requester and "Quit". Other menu functions are not yet implemented.

0.53

- faster window refresh.
- Requires less memory

0.52

- now takes care of aspect ratios.
This applies to both the image and the screen mode.
- nicer logo

0.51

- MysticView lost memory. Fixed.
- Sped-up window refresh after resizing.
- uses PRECISION_IMAGE instead of PRECISION_EXACT.

0.50

- initial version

1.9 AUTOSAVESETTINGS

AUTOSAVESETTINGS

type: boolean (YES or NO)

automatically save settings at exit.

default: NO

1.10 BACKDROP

BACKDROP

type: boolean (YES or NO)

open MysticView on a backdrop borderless window.

default: NO

1.11 BGCOLOR

BGCOLOR

type: string representing a hexadecimal number

the background's RGB value.

default: 000849

1.12 DEFAULT

DEFAULT

type: switch

specify this option for MysticView to use its internal default settings. no settings will be read from the icon.

this switch is only available when MysticView is started from the command-line.

1.13 DEPTH

DEPTH

type: numeric

preferred depth for custom screens.

valid: 1-8, 15, 16, 24.

default: the Workbench's depth.

see also

~~SCROPENMODE~~

1.14 DESTPATH

DESTPATH0 ... DESTPATH9

type: string

10 configurable destination paths for quick copying/moving.

defaults: none

1.15 DISPLAYMODE

DISPLAYMODE

type: keyword

image size and aspect handling mode

KEEPASPECT

keep the aspect ratios of both the screen and the image.
this mode guarantees that the image is always fully
visible.

KEEPASPECT2

keep the aspect ratios of both the screen and the image.
this mode guarantees that either the full width or full
height of the image is completely visible.

ONEPIXEL

do not care about the image aspect, and display all pixels
that appear in the image. the screen's aspect ratio will
be considered.

IGNOREASPECT

ignore all aspect ratios. represent each pixel in the
image by one pixel on the screen.

FIT

do not care about aspects and zoom at all. the image will
always fit exactly to the window's dimensions.

default: KEEPASPECT

1.16 DITHER

DITHERING

type: keyword

dither activation mode

OFF

never use dithering

ON
dither images on screens with 256 colors (or less),
and on HAM screen modes.

AUTO
automatically activate dithering when the image would
lose too much color information.

default: AUTO

see also

~~DITHERMODE~~

1.17 HAM

HAM

type: boolean (YES or NO)

use this tooltype in combination with
SCROPENMODE
set to CUSTOM for
MysticView to open a HAM screen. Don't forget to specify
DEPTH
=6

respectively
DEPTH
=8.

default: NO

see also

~~SCROPENMODE~~

~~DEPTH~~~~~

1.18 KEEPIMAGE

KEEPIMAGE

type: boolean (YES or NO)

keep the current image while another is loaded.

default: NO

1.19 LISTFILE

LISTFILE

type: string

specify the filename for a listfile. this listfile may contain any number of pictures, paths and patterns.

this argument is only available when MysticView is started from the commandline.

1.20 LISTPATH

LISTPATH

type: string

start path for the
LISTFILE
filerequester.

default: none

1.21 MODEID

MODEID

type: string representing a hexadecimal number

desired screenmode ID for a custom screen.

default: none.

1.22 RECURSE

RECURSE

type: boolean (YES or NO)

this option turns on recursive directory scanning.

1.23 PRECISION

PRECISION

type: keyword

color allocation precision for non-truecolor screens.

note: low precisions suffice in most cases.

GUI

lowest precision - extremely nice towards other applications.

ICON

low precision - very nice towards other applications.

IMAGE

standard precision for images.

EXACT

highest precision. this mode is very unfriendly towards other applications! only use it on a separate screen.

default: IMAGE

1.24 PREVIEWMODE

PREVIEWMODE

type: keyword

type of window refresh while scaling and scrolling

NONE

no realtime update takes place.

GRID

a 10x10 grid is drawn instead of the picture.

OPAQUE

this option enables realtime scaling and scrolling with the full window contents. this option increases memory consumption dramatically and should be enabled only on systems with a fast CPU.

default: NONE

1.25 PUBSCREEN

PUBSCREEN

type: string

with this keyword you can specify a public screen's name for MysticView to open its window upon.

default: default public screen

see also

~~SCROPENMODE~~

1.26 STATICPALETTE

STATICPALETTE

type: boolean (YES or NO)

this option will cause MysticView to use a static palette. this mode is faster, but the display quality will suffer.

there is another major advantage, though: a static palette allows smoother transitions between pictures on non-truecolor displays.

note: meaningless for truecolor screens.

default: NO

1.27 REFRESHMODE

REFRESHMODE

type: keyword

window refresh mode.

SIMPLE

the window contents will have to be redrawn by MysticView when parts of it are getting exposed. this mode saves some memory.

SMART

the window contents are maintained by the operating system - at the cost of a higher memory usage.

default: SMART

1.28 RENDERQUALITY

RENDERQUALITY

this flag indicates low or high memory consumption when truecolor data is rendered to 8 bit or less, or HAM.

LOW

lower memory consumption and faster, at the cost of accuracy.

HIGH

higher memory consumption and better quality,
at the cost of speed.

default: LOW

1.29 REQUESTFILE

REQUESTFILE

type: boolean (YES or NO)

open a file requester at startup. it is also considered
when a list of pictures has been processed and
LOOP
is turned off.

see also

~~LOOP~~

1.30 SCREENASPECTX SCREENASPECTY

SCREENASPECTX, SCREENASPECTY

type: numeric

override the screen's aspect ratio. use this feature if your
screenmode does not provide proper aspect ratios, e.g.
CybergraphX 640 \times 256 or screen modes boosted with MonEd etc.

default: the screen's aspects

1.31 SCREENWIDTH SCREENHEIGHT

SCRWIDTH, SCRHEIGHT

type: numeric

desired width and height for a custom screen (in pixels).

default: none

1.32 SLIDEDELAY

SLIDEDELAY

type: numeric

number of seconds until the next picture is displayed in slideshow mode.

default: 10

1.33 SLIDESHOW

SLIDESHOW

type: boolean (YES or NO)

activate the slideshow mode.

1.34 STARTPATH

STARTPATH

type: string

specifies the start path for MysticView's file requester.

default: not defined

1.35 WINLEFT WINTOP

WINLEFT, WINTOP

type: numeric

upper left position for the window on the screen. these coordinates are only considered when

WINOPENMODE

is set

to DEFAULT.

default: system's default window position

1.36 WINOPENMODE

WINOPENMODE

type: keyword

specify window location mode

DEFAULT

open the window at its default location, or as defined throughout

WINLEFT
and
WINTOP
.

CENTER

open the window in the middle of the visible part of the screen.

MOUSE

open the window centered under the mouse pointer.

default: CENTER

1.37 WINSIZEMODE

WINSIZEMODE

specify window size mode

DEFAULT

open the window with default dimensions, or as defined throughout

WINWIDTH
and
WINHEIGHT
.

FULL

open the window with the screen's full size.

VISIBLE

open the window with the screen's visible size.
this mode handles oversized screens, and in addition to that, it does not cover the screen's title bar.

LARGE

open a 'large' window - i.e. with 2/3 of the screen's visible dimensions

HALF

open the window with half the screen's visible dimensions

SMALL

open a 'small' window - i.e. with 1/3 of the screen's visible dimensions

default: LARGE

1.38 WINWIDTH WINHEIGHT

WINWIDTH, WINHEIGHT

type: numeric

window's width and height. this size is only considered when

WINSIZEMODE
is set to DEFAULT.

default: the system's default window size

1.39 display pictures

displaying pictures

~~command~line~~~

~~listfile~~~~~

~~icon~start~~~~

~~drag'n'drop~~~~

~~file~requester~~

note:

files not being recognized as pictures are simply ignored and won't cause annoying requesters. you may scan whole directories (or devices) for pictures. there is a drawback, though: image recogniton via datatypes is quite slow - this depends on the datatypes installed to your system. MysticView can be aborted at any time, but sometimes it might appear as if it would have deadlocked. don't worry.

see also:

~~known~problems~~

1.40 specify pictures via command line

specifying pictures via commandline

specify any number of pictures, drawers and filename patterns. examples:

```
MysticView pix:
MysticView pix:JPEG/Colors.jpg
MysticView pix:JPEG/Colors.jpg pix:#?.ham?
MysticView sys:prefs/patt#?
MysticView sys:prefs/patt#?/#?.gif
```

```
MysticView pix:~(#?.gif)
```

see also

```
~~configuration~~
```

```
~~examples~~~~~
```

1.41 specify pictures via listfile

specifying pictures via listfile

specify a list file with the LISTFILE argument. a picture list file may contain any number of filenames, paths, and patterns.

for instance

```
MysticView LISTFILE work:pets
```

with work:pets a text file looking like this:

```
pix:animals/pets/
pix:cat#?
sys:prefs/patterns/katzen.bmp
pix:misc/doggy1.ham8
pix:misc/doggy2.ham8
work:clipart/kitten(?!%)?.#?
pix:jpeg/#?(cat|dog|bird)#?
```

1.42 specify pictures via drag'n'drop

specifying pictures via drag'n'drop

drag single or groups of pictures, drawers or devices on MysticView's window.

1.43 specify pictures via iconstart

specifying pictures via icon start

activate any number of pictures, drawers and devices on your Workbench, hold down the shift key and double-click on MysticView.

or activate the icon of MysticView, then activate pictures, drawers and devices while holding the shift key. double click on the last icon.

1.44 specify pictures via file requester

specifying pictures via filerequester

select "Open Picture(s)..." from the project menu and select one or multiple files or drawers.

select "Open List File..." from the project menu and select a list file.

a list file is a plain text file that might look like this:

```
pix:animals/pets/  
pix:cat#?  
sys:prefs/patterns/katzen.bmp  
pix:misc/doggy1.ham8  
pix:misc/doggy2.ham8  
work:clipart/kitten(?|%)?.#?  
pix:jpeg/#?(cat|dog|bird)#?
```

1.45 disclaimer

disclaimer

this software is provided "as-is" without any warranty, either expressed or implied. the author accepts no responsibility for damage and/or loss of data/equipment resulting from the use of this software.

1.46 submissions

submissions

submit bug reports, ideas, concepts, suggestions, and feedback of any kind. don't hesitate to drop me some lines, especially when you've got some ideas for improvements, or you encounter bugs or you think that MysticView lacks a feature.

1.47 shareware

shareware

this software is shareware. if you like it and use it frequently, please send me an equivalent to US \$10 or DM 15.

include cash, international money order or cheque. coins in currencies different from german marks cannot be accepted. cheques are only accepted from within germany. make international money orders and cheques payable to timm s.

mueller.

currently, MysticView is only slightly limited for non-registered users - sometimes a picture contains a small registration reminder.

thank you very much for your support.

1.48 author

author

captain bifat / TEK neoscientists

timmm s. mueller
timmm.mueller@darmstadt.netsurf.de
bartningstrasse 15
64289 darmstadt
phone: ++49 (0)6151 715917

the electronic knights homepage and support site for MysticView, guigfx.library and render.library:
<http://come.to/neoscientists>

1.49 copyright

copyright

the entire MysticView software package is
© copyright by TEK neoscientists.

1.50 distribution

distribution

this software may be redistributed freely, as long as there are no changes made to any part of this software or documentation. no parts of this package may be omitted or altered by any means except for archiving.

neither fees may be charged nor profits may be made by distributing this piece of software without the author's written permission. this includes fees for costs of physical media. explicitly excluded from this limitation are legal distributors of the aminet software archive.

1.51 acknowledgements

acknowledgements

i can't send personal regards and thanks to all the people who contributed to MysticView and the libraries it is based upon. i would like to name only two -

- Frank 'Copper' Pagels - personal friend, author of ArtPRO, initiator and main betatester of render.library
- Markus Hillenbrand - author of Gallery, and main betatester of guigfx.library.

greetings (not necessarily related to this project)...

Bugs, DaMicha (thanks for the newicon), Eagleeye, Mudu, Stefan Sommerfeld, Dante/Oxyron, Azure/Artwork, ZZA (brute force betatestering!), Joker (constant nagging), Mac (thanks for the first newicon), and the TEK posse!

1.52 known problems

known problems

- if you are using the Picasso96 picture.datatype, you must upgrade to at least v43.26. otherwise, MysticView will crash very badly when loading truecolor pictures.
- The background picture handler turned out to be unreliable: deleting, moving and renaming when a slideshow is running is dangerous. Sometimes there are other pictures renamed in or removed from the list, and MysticView can even throw Enforcer Hits. Unfortunately these bugs cannot be fixed easily, a redesign and rewrite of the background picture handler is due. :-(
- MysticView isn't very well designed for access to slow media. devices can be accessed by a virtually unlimited number of tasks - mainly for scanning, loading, and background loading (besides copying, moving and deleting). on slow media, avoid the option
 SORTMODE
 =NONE. this will
 improve overall performance, since loading won't start before all directories have been scanned and all files have been recognized.
- the way MysticView scrolls a picture (using the arrow keys) might appear strange at first sight. the scroll position does not depend on a pixel step rate, but rather on an imaginary cursor. thus, scrolling does not move the picture, instead it moves the cursor on the picture, and the visible area follows that cursor. use the

SHOWCURSOR

option to make the cursor visible.

- Executive: MysticView has no problems with this multitasking scheduler. anyway i do not explicitly advise to use it. MysticView uses a sophisticated hierarchy of tasks with different priorities, and it works slightly smoother without Executive. Minor problems might occur in slideshow mode.
- There is a Cybergraphics (v41) function that behaves quite strange: ScalePixelFormat(). This function might be applied for scaling truecolor data to true- or hicolor displays. If you do not like the way MysticView scales images on truecolor displays, set the environment variable guigfx/USESCALEPIXELARRAY to 0.
- When you encounter MysticView's loading task crashing, it is very likely that the involved datatype caused the trouble. Replace the datatype and retry. (Please contact me instantly if this doesn't help)

see also

~~insufficiencies~~~

~~getting~datatypes~~

1.53 PRELOAD

PRELOAD

type: boolean (YES or NO)

toggle background preloading of the next picture.

default: NO

1.54 DITHERMODE

DITHERMODE

type: keyword

set dithermode. available are

EDD

use EDD dithering (slightly faster)

FS

use Floyd-Steinberg dithering (slightly better)

default: EDD

see also:

~~DITHERING~~

1.55 STARTPIC

STARTPIC

type: string

this setting is for those who do not like to be stared at by MysticView's ugly logo. specify a path/filename to a valid picture to be used as MysticView's startup picture.

you may also specify the reserved keyword 'none' if you can live without a logo at all.

default: none (internal startup picture will be used)

1.56 PRESETPATH

PRESETPATH

type: string

preferred path to MysticView's presets.

default: undefined

1.57 PRESETFILE

PRESETFILE

type: string

settings file. this keyword is only available in the command line.

default: none (settings are read from MysticView's icon)

1.58 LOOP

LOOP

type: boolean (YES or NO)

this option turns on looping for series of pictures.

default: NO

1.59 AUTOQUIT

AUTOQUIT

type: boolean (YES or NO)

with this option specified, MysticView quits when the last picture of a list has been displayed.

default: NO

see also

~~AUTOHIDE~~

1.60 SORTMODE

SORTMODE

type: keyword

this setting specifies the sort order for a series of pictures.

NONE

no sorting takes place. the images appear in the sequence they were found on the disk. this mode has the advantage that loading starts immediately after the first picture has been encountered. further scanning takes place in the background.

RANDOM

random order. all filenames, patterns or directories will be scanned before MysticView starts loading the first image.

ALPHA

alphabetical order (a-z). all filenames, patterns or directories will be scanned before MysticView starts loading the first image.

default: NONE

see also

~~known~problems

1.61 ZOOMSTEP

ZOOMSTEP

type: string representing a number

this number defines the desired zoomfactor step.
valid range: 0.01 ... 2.

default: 0.1

1.62 PRESET0...9

PRESET0 ... PRESET9

type: string

10 configurable preset files to be quickly accessed with
CTRL F1 ... CTRL F10.

defaults: none

1.63 SHOWCURSOR

SHOWCURSOR

type: boolean (YES or NO)

this setting will activate a tiny crosshair on the picture,
indicating the current cursor position. scrolling will move
the cursor, and zooming will go to that destination.

default: NO

1.64 Examples

examples

1. open a fullscreen borderless display on a 640x480x24 screen
and present a random slideshow of the directory pix:gif.

```
MysticView pix:gif
  scropenmode
    =custom
  scrwidth
    =640

  scrheight
    =480
  depth
    =24
```

```

winsizemode
=full

backdrop
=yes
sortmode
=random
slideshow
=yes

slidedelay
=5

```

2. open a small window over the mouse pointer, with opaque scaling and fastest rendering possible, open a filerequester, and quit after all files have been viewed.

MysticView

```

winsizemode
=small
winopenmode
=mouse

staticpalette
=yes
renderquality
=low
previewmode
=opaque

requestfile
=yes loop=no
autoquit
=yes

```

1.65 SCROPENMODE

SCROPENMODE

type: keyword

determines the way MysticView tries to use or open a screen.

DEFAULT

use the default public screen. typically, this will be the Workbench. note: use a 'default pubscreen' commodity if you want to make the frontmost pubscreen the default one.

PUBLIC

use a public screen specified throughout the

PUBSCREEN

setting. if the specified public screen cannot be found, MysticView falls back to the default pubscreen.

CUSTOM
 try to open a custom screen specified throughout the
 settings

```

MODEID
,
SCRWIDTH
,
SCRHEIGHT
,
DEPTH
, and
HAM
.

```

default: PUBLIC

see also:

```

~~PUBSCREEN~~

~~MODEID~~~~~

~~SCRWIDTH~~~

~~SCRHEIGHT~~

~~DEPTH~~~~~

~~HAM~~~~~

```

1.66 CX_PRIORITY

CX_PRIORITY

type: numeric

MysticView's commodity priority, i.e. the hotkey-handler's priority over other commodities that may have installed the same hotkey by accident.

default: 0

1.67 CX_POPKEY

CX_POPKEY

type: string

MysticView's commodity hotkey sequence. when MysticView is in hidden state, this key sequence will reactivate it.

consult your manuals on how to express these key sequences.

default: control m

1.68 CX_POPUP

CX_POPUP

type: boolean (YES or NO)

YES

open MysticView's window at startup.

NO

start MysticView in hidden state.

default: YES

see also

~~ICONIFY~~

1.69 AUTOHIDE

AUTOHIDE

type: boolean (YES or NO)

with this keyword specified, MysticView iconifies when the last picture of a list has been displayed.

default: NO

see also

~~AUTOQUIT~~

1.70 ROTATESTEP

ROTATESTEP

type: numeric

this number defines the desired rotation step in degrees.

valid range: 1 ... 180.

default: 10

1.71 CONFIRM

CONFIRM

type: keyword

specify confirmation level for dangerous operations.
currently defined:

ALWAYS

always open an 'are you sure' requester for dangerous operations.

NEVER

never open an 'are you sure' requester for dangerous operations.

default: ALWAYS

1.72 HIDEWITHPICTURE

HIDEWITHPICTURE

type: boolean (YES or NO)

with this keyword specified, MysticView keeps the current image when it is getting iconified. otherwise, the current image will have to be reloaded when MysticView is getting uniconified.

default: NO

1.73 ICONIFY

ICONIFY

type: keyword

set iconification mode.

APPICON

leave out an appicon on the workbench. double-click on that appicon (or drop pictures on it) to make MysticView visible.

APPITEM

append an entry to the workbench's tool menu. select this item in order to make MysticView visible.

INVISIBLE

hide MysticView invisibly.

default: APPICON

see also

~~CX_POPUP~~

1.74 getting datatypes

getting datatypes

MysticView depends on picture datatypes being installed to your system. for proper results, your system should be supplied with either of the available v43 picture datatypes. only v43 datatypes allow truecolor pictures to be loaded and displayed in full color resolution.

- if you are using the CybergraphX graphics card emulation, install the PictDT43.lha distribution. it is available on aminet.
- if you are using the Picasso96 graphics card emulation, you've probably installed the supplied v43 picture datatype already. availability: Picasso96.lha (aminet)
- if you are neither using CybergraphX nor Picasso96, use the Picasso96 v43 picture datatype. availability: Picasso96.lha (aminet)

picture datatype subclasses have to support the v43 features as well. for datatype tests, upgrading, and installation notes visit my datatype section at

<http://come.to/neoscientists>.

1.75 THUMBSIZE

THUMBSIZE

type: numeric

specify newicon thumbnail size. valid range: 10 ... 93.

default: 50

1.76 THUMBCOLORS

THUMBCOLORS

type: numeric

specify number of colors for newicon thumbnails. valid range: 4 ... 256. do not specify too many colors if your workbench is not running in high

or truecolor.

default: 50

1.77 REJECTPATTERN

REJECTPATTERN

type: string

a pattern for filenames to be rejected by MysticView.

useful e.g. with #?.info, when you've got an icon datatype installed, but don't want any icons to be viewed.

default: none

1.78 AUTOTHUMBNAIL

AUTOTHUMBNAIL

type: keyword

this settings controls MysticView's automatic thumbnail generation.

OFF

automatic thumbnail generation is disabled.

NOUPDATE

create thumbnails automatically, do not update thumbnails when the thumbnail settings have been changed.

UPDATE

create thumbnails automatically, update thumbnails when the thumbnail settings have been changed.

note: automatic thumbnail creation requires newicon.library.

see also

THUMBSIZE

,

THUMBCOLORS

1.79 DirectoryOpus configuration

DirectoryOpus configuration

the following is a example configuration for DirOpus 5.

first of all, create a general filetype for pictures. a common mistake is to create a separate filetype entry for each file format. this is very redundant, since DirOpus supports filetype recognition via datatypes.

1. 'add' a filetype.
2. enter the 'edit class' window.
3. name the class 'Picture', and give it a higher priority than your other picture format filetypes.
4. Add the match criteria 'Match DT Group' ... 'Picture'.

go back to the 'Picture' filetype configuration. for the 'doubleclick' action, I simply use

```
AmigaDOS      mysticview {f}
```

Flags: run asynchronously

this is all you need, provided that MysticView is located in the default search path (sys:utilities/ normally is).

now for the configuration of picture series. this turns out to be a little more tricky, since DirOpus cannot pass an unlimited number of files to a single command line, and we do not want to start MysticView multiple times for a large number of pictures.

in my personal Opus configuration, I use the 'User1' filetype action to 'show' something. if you use a similar concept, enter the appropriate 'User' section in the 'Picture' filetype configuration, and enter the following lines:

```
AmigaDOS      list >>t:piclist{Q1} {F} LFORMAT "%P%N"
AmigaDOS      mysticview listfile=t:piclist{Q1}
AmigaDOS      delete t:piclist{Q1}
```

Flags: run asynchronously

well, it might appear a bit confusing at first sight. what we do here is create a picture list for the given lister's selected entries. multiple calls to the 'list' statement will concatenate entries to the piclist file. finally, we call MysticView with the listfile instead of the pictures themselves.

1.80 PRIORITY

PRIORITY

type: keyword

this setting controls MysticView's task priorities. MysticView uses a sophisticated hierarchy of different task priorities, and the window's input task priority is normally 1. this task mainly handles the user input and won't block other tasks under

normal circumstances. it is set to 1 for smooth interaction with the user. feel free to choose a lower priority.

NORMAL

use this setting for smooth handling.

- input priority is 1
- background picture handler's priority is 1
- loading, scanning and preloading priority is 0

NICE

use this setting if you think that priorities greater zero are obscene.

- input priority is 0
- background picture handler's priority is 0
- loading, scanning and preloading priority is 0

LOW

use this setting if you want to create thumbnails for a huge number of pictures in the background.

- input priority is 0
- background picture handler's priority is 0
- loading, scanning and preloading priority is -1

notes:

- the PRIORITY setting is only considered at MysticView's start.
- the drawing priority is (currently) always zero.
- there are several other tasks involved, which mainly operate with priority 0, if they serve time-consuming jobs.

default: NORMAL

1.81 FONTSPEC

FONTSPEC

type: string

this setting allows you to specify a font for the picture info textline.

syntax: size[,name]

example: FONTSPEC=8,topaz

default: system's screen font

see also:

PICINFO

1.82 PICINFO

PICINFO

type: boolean (YES or NO)

display a textline with some informations about the picture currently being displayed.

default: NO

see also:

FONTSPEC

1.83 LMBACTION

LMBACTION

type: keyword

this option determines how the left mouse button is used when activated over a picture.

DRAG

when the picture is not fully visible, it can be dragged around with the mouse.

NEXT

MysticView advances to the next picture in the list when the left mouse button is pressed.

default: DRAG

1.84 AUTODISPLAYMODE

AUTODISPLAYMODE

type: boolean (YES or NO)

this option tells MysticView to predict the display mode that you would likely prefer for the current picture.

MysticView uses a neural network that is being trained with your behavior. it reacts to changes of the display mode. whenever you change the display mode to KEEPASPECT, KEEPASPECT2, or ONEPIXEL, MysticView interpretes it like:

"that's the display mode the user likes pictures like this one to be displayed with."

MysticView will learn to react to your preferred display

mode for different pictures, and its predictions become more precise by the time.

don't expect too much. the artificial intelligence is of course limited. currently only parameters like the picture's width, height, depth, aspects, and the window's width and height are considered.

default: NO

see also:

DISPLAYMODE

1.85 AUTOCROP

AUTOCROP

type: boolean (YES or NO)

this option tells MysticView to crop pictures with blank areas at its borders.

default: NO
