SViewII

COLLABORATORS				
ACTION	NAME	DATE	SIGNATURE	
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Chapter 1

SViewII

1.1 SViewII_Documentation

SViewII V8.36 (5.6.1999)

A workshop in graphics for Amiga.

- SHAREWARE -

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A PerSuaSiVe SoftWorX PRODUCT.

Needs Kickstart V2.04. Kickstart release 3.x compatible. GUI created with StormWizard 2.0

Through SuperView-Library and ppc.library (or -emulation V0.6b+) actively supports PowerPC (TM) via powerUP (TM) or WOS.

REGISTER NOW

Copyrights

Distribution

Author/Correspondence

The program's purpose

How to install it

Where to obtain Updates from

How to use it

Evaluation restrictions

Known bugs and program limits

Program history

SViewII

Possible future enhancements

Credits and Support

 $_$ // Only $\backslash X/$ Amiga makes it possible.

Please visit:

SuperView WWW Sites http://home.t-online.de/home/Andreas_Kleinert/

Simon Edward's Image Engineer WWW Site http://www.amigaworld.com/support/imageengineer/ (Image Processing program produced by Simon Edwards)

1.2 purpose

SViewII is a program that has been designed for the purpose, to display, convert and process any kind of bitmapped graphics as fast and as comfortable as possible.

Fast means not only fast in reading and displaying but also in calling and using the program.

Highest possible flexibility is implemented via a native modularian system, consisting of the superview.library, the SVObjects, SVDrivers and SVOperators.

These intentions resulted in a bundle of features and options you have access to when using SViewII and installing it to your System:

_	additional	tools	and	viewers,	like:	_	SuperViewPalette
						_	SuperSlide
						_	CyberSlide
						_	WinSlide
						_	ScrollSlide

- licensed "SuperView-Library" (see directory SuperViewLibrary)

- intensive use of many special OS V2.04+ and OS V2.1+ capabilities

- support of many OS V3.x+ and AGA graphics features,
- as e.g. support of interleaved BitMaps
- support of external Fileformat-Libraries (SVObjects):

- IFF-ACBM	- Windows,OS/2 BMP	- PNM (PBM,PGM,PPM)
- IFF-ILBM	- JPEG (JFIF v6)	- IMG (GEM Graphics)
- IFF-DEEP	- PhotoCD	- WPG (WP Bitmaps)
- IFF-FAXX	- TIFF	- MacPaint MAC
- IFF-PBM	- PCX	- EPS (Header/PS)
- IFF-RGB8	– Atari Degas	– C64 (Koala, Doodle)
- IFF-RGBN	- Spectrum ZX	- TIM
- IFF-RGFX	- XWD	- FBM

- Windows Icon - CDR-Previews - IFF-YUVN - QRT/POV Raytrace - Mac PICT-2 - SGI - Pictor/PCPaint – Targa - SVG - UtahRLE - SunRaster - PNG - CVP (passphoto) - Amiga Icons (WB/Magic/New) as well as all OS3-Datatypes and 24 Bit DataTypes (picture.datatype V43). Many formats with 24 Bit-Support. Reads XPK- and PP20-packed data via Unpack.svobject. Writes C-Sourcecode in chunky/RGB notation. Together with external third party programs also the following file formats seamlessly can be embedded: needs program also needs support for File Format _____ AMF MetaView (ILBM)
 DXF/AutoCAD (tm) MetaView (ILBM)
 FIG AmiFIG (Posts (Postscript) (ILBM) or: MetaView – CGM GPlot (Postscript) (ILBM) MetaView MetaView Limb or: MetaView - IFF-DR2D (ILBM) - IFF-DRSD (ILBM) Limbo
Postscript (TM)
WPG-Vector
MetaView (PNM) _ (ILBM) - WMF MetaView (ILBM) - support of external periphal devices (DEVICE-access SVObjects): - Scanner (scanner.device of ScanQuix) - Printer (printer.device/TurboPrint/Studio) - support of external display drivers (SVDrivers): - ECS – AGA – EGS7 - Retina - OpalVision - CyberGraphX - PicassoII - Merlin - Picasso96 - AGA/RTG Window - Support of external operators (SVOperators): - Dither24Bit - 24BitToHAM - HilbertDither256 - Z4BILIOHAM - HILDertDith - ExtractGreen - ExtractBlue - ExtractRed - XOR - ExtractGrayScales - TopToBottom - Rotate - Scale50 - LeftToRight - AnyTo24Bit - CallPNM - Crop - OptimizePalette - RotateFree - PaletteDither - Blur - Sharpen plus the following from Steve Quartly: - SQBentley - SQTiling - SQThreshold

- SQSlic - SQShar				
 Localizati AmigaGuide detailed c Workbench- Graphical conversion informatio 	(optional) s (optional) (optional) (optional) (optional) reading and Devices, li on for OS V2 OnLine-Help onfiguration Tooltypes User Interfa of the supp	writing ke e.g. Scanner: .1+ for OS V2.04+ via Config-File ce (GUI) for Wo: orted File-Forma displayed graph	(asynchroneous & e, Cli-Options an rkbench-Users (op	tional)
And via the S IFF-DEEP, IFF	-	F IFF-ILBM, IFF-2 -RGB8:	ACBM, IFF-YUVN,	
- reading an and AGA 8 - intelligen	d writing of Bit Colormap	ry" for reading 32 Bit viewmode s (OS3 CMAP) replacement rot	es (OS2 CAMG)	

- and more

GIF is obsolete - you neither should use nor support it any longer. If you are doing WWW design, use PNG and JPEG instead. It's important !

Card Name	Kind of Support	
1600GX	_	
A2410 TIGA	CG EGS	1
BVisionPPC	CG	2
CyberVision64	CG P96	3
CyberVision64/3D	CG P96	4
CyberVisionPPC	CG	5
DCTV	_	
Domino	CG EGS P96	6
DraCo Altais	CG	7
Firecracker	-	
GDA-1	_	
Graffity	_	
GVP 110/24	EGS	8

Overview: Supported and Non-supported Graphics Cards

GVP IV 24		EGS			9
Colormaster		EGS			10
Inferno (Wildfire)	CG				11
Merlin			P96	NAT	12
OMniBus			P96		13
OpalVision				NAT	14
Picasso II	CG		P96	NAT	15
Picasso II+	CG		P96	NAT	16
Picasso IV	CG		P96		17
Piccolo	CG	EGS	P96		18
Piccolo SD64	CG	EGS	P96		19
Pixel64	CG		P96		20
Rain*ow II (R-II)		EGS			21
Rain*ow III (R-III)		EGS			22
Retina Z2		EGS		NAT	23
Retina Z3 BLT	CG	EGS	P96	NAT	24
Spectrum	CG	EGS	P96		25
Visiona		EGS			26

As you can see, any reasonable graphics card for the Amiga is supported via one or more SVDrivers for emulation software, available for these. Only some strange RGB-Port adaptors or rare framebuffers are not supported.

Shortcut Explanation

CG = CyberGraphX or CyberGraphX-Clone available (CyberGraphics.svdriver) EGS = EGS available (with EGSPlus this means: CG, too) P96 = Picasso96 SVDriver available NAT = native emulation software and SVDriver available, as long as not already covered by the other mentions - = nothing known about any emulation software

1.3 installation

Even if you use the supplied Installer-Script, you should read the following notes. If you do not own the standard Installer-Program you should read them even more carefully and follow the instructions given.

Note: Should after starting the installer script appear an error message "Can't find program 'Installer'" (or similar), you have to enter the correct path to your Installer program via the Workbench menu Icon/Information. Please do also not forget, to install the library fromout its directory (own script at sub-directory 'SuperViewLibrary'), if this not already has been done by the main script !

If you own a KeyFile, place it to "S:", or place it elsewhere and change the environment variable "KEYPATH" to the corresponding directory.

Needed Workbench Resources

HardDisk-Users won't perhaps have to install any additional Workbench Resources to their HardDisk. Disk-Users will have to copy the following libraries into their "LIBS:"-Directory, if these not already do residate in ROM (may depend on the version of the operating system):

- gadtools.library V37+
- iffparse.library V37+
- asl.library V37+
- commodities.library V37+
- utility.library V37+
- workbench.library V37+
- icon.library V37+

Users of OS V2.04 or greater should also install the following libraries:

- amigaguide.library V34+ (please avoid using V34 - it's known to cause problems)

Users of OS V2.1 or greater should also install the following libraries:

- locale.library V38+

Other needed Resources

You will also have to copy the following libraries to your "LIBS:"-Directory (plus SVObjects, SVDrivers and SVOperators):

- superview.library V23+
- superviewsupport.library V14+

GUI has been designed with StormWizard 2.0, so this program needs "wizard.library" V37+ (you can find a copy on Aminet under "biz/haage/WizardLibrary.lha").

Please use at least V41.101 of wizard.library. The V37 versions could cause several problems with the GUI refresh. You should find a copy coming with demo versions of various programs under ftp.haage-partner.com

For PowerPC support (optional modules) the following libraries are needed:

- ppc.library V44+ (V46+ recommended) (or a compatible emulation)

Installing the Main Program

Copying SViewII to your "WBStartup"-Drawer is perhaps one possible solution, but installing it in any other directory will suffice anyway. You should also install an appropriate Config-File in one of the supported paths (e.g. "ENV:" or "S:").

Please note, that the standard icon tooltypes cause SViewII to open the GUI and a file requester straight after startup - don't forget to change that, if you dislike it. During installation, the program "SuperViewPalette" may have been copied to your "WBStartup"-Drawer (in Installer's "Novice" mode this is done by default, otherwise by choice), which will change and permanently lock the WB palette to MagicWB colors, so that the program icons won't look too badly colored (since these are MWB icons). If you don't like that, or already have MWB installed: simply delete the program from WB's startup drawer.

1.4 updatenote

General ~~~~~~ Although the SViewII archive does contain nearly any of the needed parts, you might wish to get updates sometimes.

The newest version usually can be found under Aminet:gfx/misc/

SvII-1.lha	Main program, Tools, SuperView-Library
SvII-2.lha	Documentation files
SvII-3a.lha	SVObjects (JPEG, PNG, PCX, BMP, ILBM)
SvII-3b.lha	SVObjects (other - OPTIONAL)
SvII-4.lha	SVDrivers
SvII-5.lha	SVOperators
SvII-6.lha	OPTIONAL SVOperators by SQ
SvII-7.lha	OPTIONAL 68030+ optimized SV modules
SvII-8.lha	OPTIONAL language localizations (except english/german)

Optional, separate archives are (for example):

SvII-UX.lha	SVObjects for seldomly used Un*x file formats
SvII-PPC.lha	Updates to PPC modules - for registered users, only
SvII-WOS.lha	Updates to WOS modules - for registered users, only
SvII-WIZ.lha	wizard.library for those who don't have it already

Aminet is a system of FTP servers, while their content also is available in form of CD-ROMs (from your local Amiga dealer).

The FTP servers for example may be reached as follows:

ftp.wustl.edu	/pub/aminet/
ftp.uni-paderborn.de	/pub/aminet/

or through the WWW via http://www.aminet.net

You also can read about news there, and ask questions.

Try logging in as "GAST" or "GUEST" and visite the appropriate BBS boards: Support/SuperView/Fragen [Questions] Support/SuperView/News Support/SuperView/Updates The BBS is AmBos based, with an easy-to-use graphical menu system. NEWSLINE Voice: 02774 / 92080 Sysop : Chris CoSysop: Chaos Voice: 02774 / 92066 Port #1 : 02774 / 92081 ISDN Port #2 : 02774 / 92082 ISDN Port #3 : 02774 / 92081 V34b Port #4 : 02774 / 92081 V32b (from outside Germany, remove the "0" and add "+49" as prefix) Running on A3000T/060, 128 MB, 3 CD-Roms, 6 GB-HD, Free Download

1.5 usage

How To Use SViewII: An Introduction

2.0 Controlling And Using SViewII 2.0.1 Options for Configuration and ARexx 2.0.2 GUI and WB-App Handling 2.0.3 Controlling the Display-Screen

1.6 evaluationrestr

This is the evaluation version of SViewII, which is SHAREWARE.

To remind you to register, every time you start or leave the program, an appropriate Requester will appear. Also, ARexx ports are not available in the evaluation version and only saving of ILBM CmpByteRun1 is possible.

All in all: - Requester at startup and when leaving - no ARexx-Ports - saving of file formats other than IFF-ILBM CmpByteRun1 is NOT possible

After you've received and installed your Keyfile these restrictions will disappear.

Registered users also can place a 50x50 pixel image of themselves as PROGDIR:User.image (PROGDIR: means SViewII location). With OS 3.0 and higher this will be displayed in the About window using Datatypes, then.

1.7 construction

1.0 SViewII's Construction

SViewII bases on several interfaces, of which almost any can be activated/deactivated and accessed separately. These are:

- The Workbench Interface
- The Graphical User Interface (GUI)
- The CLI Interface
- The Commodity Support
- The ARexx-Port
- The App-Features
- Configuration Commands

1.0.1 The Workbench Interface

The Workbench interface is just a standard WB-Interface, which means that it supports sevaral Tooltypes for program configuration, of which nearly any are also available or modifyable via ARexx and the config file.

It is supported to use SViewII as a default tool for project icons via the Workbench "Information" menu as well as displaying pictures via "multiple selection" as described in the Workbench manual.

See

2.0.1 for more details on configuration.

1.0.2 The Graphical User Interface (GUI) As many other programs SViewII gives the user the possibility to control most activities via a Graphical User Interface, based on the standard Intuition elements as Gadgets, Menus and Windows. SViewII's GUI allows to reach nearly all of the program's features and also provides even more of them. This GUI is not necessarily opened automatically, because SViewII is also designed to run as a Commodity in the Background (see 1.0.4), where a GUI often is not actually needed. The GUI may be activated via configuration options (see 2.0.1), which either have to be placed in the Config-File, as icon tooltypes or as commandline-Options (see 1.0.3). When running SViewII as a commodity the GUI can also be opened via the standard WB program "Commodity Exchange" (see 1.0.4). If an AppIcon or AppMenu is installed, it also will let the GUI pop up on demand (see 1.0.6). 1.0.3 The CLI Interface The CLI interface (usage via command line) provides nearly all possibilies as the GUI does (except Screen Saving/Gfx Converting), so that CLI users are completely integrated into the program's idea of concept. Allowed configuration options can be parsed via command line by simply adding a "-" prefix (see 2.0.1). 1.0.4 The Commodity Support Only one of the currently running copies of SViewII at a time has the possibility to install itself as a Commodity which can be controlled via the standard WB-Program "Commodity Exchange". Special options (see 2.0.1) allow to set the HotKey, the Priority and can specify, if the GUI should pop up or not. Via the HotKey (default: alt esc) SViewII is present everywhere it is needed and even the GUI can appear anywhere as fast as possible, because of the "Commodity Exchange", which allows it to pop up just by pressing the specific button there. 1.0.5 The ARexx-Port The ARexx port is another feature, which demonstrates the interactive capabilities of SViewII, because it allows to contact the SViewII process from nearly anywhere at nearly any time to instruct it to perform a specific task. Most of the ARexx commands also are available as configuration

options, so they are described there (see 2.0.1).

The default of the ARexx port is "SViewII.rx". Only one SViewII Process will allow such a port at a time, but by specifying different names (see configuration section), more tasks with ARexx ports tasks are possible.

For an example, how versatile SViewII's ARexx port is, e.g. take a look at Aminet:gfx/misc/SVProPics.lha for Ulrich Falke's highly useful scripting efforts on a solution for automatic image conversion and processing with SViewII and SuperView-Library.

Especially for use with DOpus5, there's Aminet:biz/dopus/svconvert.lha by Wayne Newark, which allows automatized image conversion of whole directory listers.

1.0.6 The App-Features

Another interactive feature of SViewII allows you to install an AppIcon, AppMenu and/or AppWindow. All these are each optionally.

The AppIcon is placed on the Workbench and allows direct activation of SViewII, as via ARexx or "Commodity Exchange" (Requester).

The AppMenu just works like the AppIcon.

The AppWindow only takes place, when the GUI is opened, so that any pictures of which you drop an Icon into the GUI Window will be displayed immediately.

1.0.7 Configuration Commands

Because of those many options and features is has perhaps to be explained which order takes place when configuring the program at startup time or later. Here's an overview:

-	Default Options	(integrated in SViewII)
-	ConfigFile	(read from Disk, if available)
-	a) Tooltypes	(read from Icon(s) at WB-Start)
	b) CLI-Options	(supplied via CommandLine at CLI-Start)
_	ARexx-Command	(received while the program is running)

1.8 control

2.0 Controlling And Using SViewII

As described before, SViewII can either be controlled via Workbench, CLI, "Commodity Exchange", ARexx or its GUI.

The Commands, which are available for configuration and

interactive ARexx use follow (2.0.1). After that the handling of the GUI is described more detailed (2.0.2). 2.0.1 Options for Configuration and ARexx The letter after the specific command tells you from where it can be reached: [Config-File С 1 Т [Workbench-Tooltypes, CLI-CommandLine] [ARexx Α Function Usage Command ALREADY_KNEW_ABOUT Then you need no About-Reqs [C T A] (registered version only) Use which PubScreen ? PUBSCREEN=<Name> [C T A] Leave SViewII QUIT [A] HELP Load AmigaGuide DataBase [CTA] REOUEST Request for displaying a Gfx [C T A] DEF DIR=<DosPath> Path to graphics (default) [C T A] SHOW=<FileName> Display a specific Gfx [CTA] Load a specific Gfx LOAD=<FileName> [CTA] UNSHOW End Displaying / Close Display [A] Set new Save-Type for "SAVE" [C T A] SAVE_TYPE=<SVObject-ID> (does not affect GUI settings) SAVE=<FileName> Save current Gfx as SAVE_TYPE [A] Set Default-SVDriver by ID SVDRIVER=<SVDriver-ID> [CTA] SVOPERATOR=<SVOperator-ID> Set Default-SVOperator by ID [CTA] Do SVOperator action ACTION [A 1 OPTION_LOAD=<DISK|CLIP Disk or ClipBoard loading ? [CTA] |DEVICE> or save to Disk or ClipBoard ? [C T A] OPTION_SAVE=<DISK|CLIP |DEVICE> SCREENSAVEDELAY=<1/50 sec> Delaytime before saving screen [C T A] Location of default icons ICONPATH=<DosPath> [CTA] filerequester Initial LeftEdge [C T A] ASLFR_LEFT=<value> ASLFR_TOP=<value> filerequester Initial TopEdge [C T A] ASLFR WIDTH=<value> filerequester Initial Width [CTA] filerequester Initial Height ASLFR HEIGHT=<value> [CTA] "NO" will e.g. suppress any ERROR REPORT=<YES | NO> requesters, which may cause ARexx scripts to wait for user activity. Supresses them also when working with the GUI, so use it carefully. [CTA]ask before overwriting existing ASK_OVERWRITE=<YES | NO> files ? Default: Yes. [CTA] LOGFILE=<CON/FileDesc> Where to put a logfile ? [CTA] REJECT ICONS=<YES|NO> Reject icons in filerequester? [C T A] Put icons when writing files ? [C T A] PUT_ICONS=<YES | NO> [C T INSTALL_CX=<YES|NO> Install as a commodity ? 1 INSTALL AREXX=<YES | NO> Provide an ARexx port ? [C T 1 AREXXPORTNAME = < Name > Name of ARexx port (<=63 chrs) [C T 1 [C T A] INSTALL_APPWINDOW=<YES|NO> Provide an AppWindow ? (only together with OPEN_GUI

	or CX_POPUP=YES)					
APPMODE= <show load="" =""></show>	AppWindow behaviour	[С	Т	А]
INSTALL_APPICON= <yes no="" =""></yes>	Provide an AppIcon ?	[С	Т]
INSTALL_APPMENU= <yes no="" =""></yes>	Provide an AppMenu ?	[С	Т]
OPEN_GUI	Open the GUI immediately	[С	Т	А]
CLOSE_GUI	Close the GUI immediately	[А]
CX_POPKEY= <key key=""></key>	Standard CX_POPKEY command	[С	Т]
CX_POPUP= <yes no="" =""></yes>	Standard CX_POPUP command.	[С	Т]
	CX_POPUP=YES is equivalent					
	to OPEN_GUI.					
CX_PRIORITY=<-128127>	Set priority of SViewII	[С	Т	А]
	process and the commodity					
	broker. If called via ARexx					
	only the process priority is					
	changed, though.					
VIEWMODE= <string></string>	Use fixed viewmode ALWAYS, by					
	supplying a hex value describi	ng				
	a specific viewmode like e,g,					
	"0x1234abcd" OR by giving the					
	viewmode's name like e.g.					
	"PAL:HighRes". Will be tempora	ri	ly			
	disabled by using the viewmode					
	requester.	[C	ΓZ	A]	
STATUS= <filename></filename>	Write programstatus to file:					
	1: No file loaded					
	2: Loaded <width>x<height>x<de< td=""><td>pt</td><td>h></td><td></td><td></td><td></td></de<></height></width>	pt	h>			
	3: Diplaying <width>x<height>x</height></width>	<d< td=""><td>ept</td><td>:h</td><td>></td><td></td></d<>	ept	:h	>	

The default name of the ARexx-Port is "SViewII.rx".

2.0.2 GUI and WB-App Handling

The GUI mainly consists various areas which are marked by specific gadgets:

Picture Gadgets

SlideView Load Save View Action ViewMode Medium

SVObject/SVDriver/SVOperators Gadgets

SV-Switch SV-ListView SVInfo Add Remove Screen Gadgets Screen-ListView Update Info Save More options are available via the "Project" Menu, where you \leftrightarrow can select between the following actions: FileInfo Help About Hide Quit By pressing HELP while selecting a Menu, or by selecting a $\, \leftrightarrow \,$ Gadget after turning on the Gadget-Help via pressing HELP you may enter the context-sensitive documentation. 2.0.3 Controlling the Display-Screen SViewII opens for each graphic, which has to be displayed, a suitable Screen. This Screen and the attached Window are usually pushed to the Foreground automatically und become activated, just right after the graphic has been loaded. After that you have the possibility, to control the program's behaviour via the following actions: Mouse control: - left Button quits the display When displaying non-picture OS3 datatypes via the "SlideView" button: - left button pressed within the graphics - while moving the mouse

at the same time - scrolls it
(see corresponding note in the screen titlebar)
NOTE: - those DT objects will always display on a screen with an
ID generated by "BestModeID", so the current SVDriver
settings are IGNORED _and_ it may be forced to ECS/AGA
- you should disable support for non-picture datatypes
better, anyway (-> main-library preferences)
Keypad control:

Key "L" : Load new graphic
Key "Q" : Quit display
Key "X" : Quit display and leave program
Key "H" : Open GUI (GUI-Screen still in Background)
HELP-Key : Open GUI (GUI-Screen still in Background)
ESC-Key : Quit display and leave program (keep it pressed about 1-2 seconds)

1.9 gfx-formats

GIF is obsolete - you neither should use nor support it any ↔ longer. If you are doing WWW design, use PNG and JPEG instead. It's important !

3.0 Information about the supported Gfx Formats

3.0.1 IFF-ILBM

IFF-ILBM is the standard Gfx FileFormat for the Amiga. Currently there do exist two official versions of this Format:

IFF-ILBM, unpackedIFF-ILBM, CmpByteRun1 encoded

The difference is, that the second one contains data, which is encoded with the CmpByteRun method, while the data of the first is unencoded. Some (very) old programs don't support compressed data.

IFF-ILBM graphics may contain Amiga-specific color cycling (CRNG) and ViewMode (CAMG) information and various other "chunks".

3.0.2 IFF-ACBM

IFF-ACBM is the standard Gfx FileFormat for AmigaBASIC. Currently there only does exist one version of this Format:

- IFF-ACBM, unpacked

The reason, why the data is unpacked is nearly the same, why IFF-ILBM is not used here: From AmigaBasic programs it is not easy to read packed data anyway

```
and it would slow down the program enormously.
Data in an IFF-ACBM is saved BitPlane for BitPlane, to increase the
speed of reading and decoding.
3.0.3 Other File Formats (more than 40 different !)
SuperView-Library supports many different graphics file formats,
of which some can be both, read and written, some only read
or maybe some only written.
It also does support reading of all OS3-Datatypes.
Please refer to the SuperView-Library documentation for
further information.
See also paragraph:
About the program's abilities
```

1.10 menu_fileinfo

- FileInfo

Gives information about the currently loaded Gfx, as width, height or color-depth.

1.11 menu_help

- Help

Starts this Online-Help.

1.12 menu about

- About

Informs about SViewII.

1.13 menu_hide

- Hide

Closes the GUI of SViewII (which when in Commodity-Mode, not necessarily means to quit SViewII itself).

1.14 menu_quit

- Quit

Closes the GUI of SViewII and exits the program.

1.15 gadget_view

- Slide View

When clicking on this gadget, any old Display will be closed, a FileRequester will appear and the selected picture - if of a known File-Type - will be displayed immediately and replace the old display.

1.16 gadget_load

- Load

When clicking on this gadget, a FileRequester will appear and the selected picture - if of a known File-Type - will be loaded and held in the Memory for multiple saving (e.g. in different file-formats).

If the speficic SVObject (e.g. Datatypes-SVObject) does not support exporting Buffers, a Screen will be opened in the Background to keep the picture.

1.17 gadget_save

- Save

The stored Buffer will be saved as a picture in the desired file-format, as selected in the ListView-Gadget. (Select "SVInfo" Gadget for more information on the speficic FileFormats).

1.18 gadget_viewbuf

- View

Allows to take a quick view on the currently loaded buffer. Functionality is _not_ the same as with "View".

Here you'll just take a short look onto the picture and then click it right out of the way.

1.19 gadget_action

- Action

Modifies the currently loaded SV_GfxBuffer in a way, which depends on the currently selected SVOperator.

After that you may save or display the result of the operation via the selected SVObject/SVDriver.

1.20 gadget_screenmode

- ViewMode

Opens a ViewMode requester where - depending on the selected SVDriver - a screen mode for the currently loaded SV_GfxBuffer my be selected.

1.21 gadget_medium

- Medium

This gadget switches the Input/Ouput medium between Disk, Clipboard and Device. This affects loading and saving of graphics. You may e.g load a graphic from ClipBoard, then switch to Disk and save it to there.

If disk access is selected, a FileRequester will appear before loading and saving anything, otherwise just the first clipboard unit will be used. More about clipboard use perhaps can be found in your computer's manual.

1.22 gadget_svgad

- SVObject/SVDriver switch Gadget

This gadget switches the SVListView-Gadget between SVObject/SVDriver Mode.

1.23 gadget_svlist

1.24 gadget_svinfo

- SVInfo

This gadget displays more detailed information on SVObjects/ SVDrivers/SVOperators.

1.25 gadget_svadd

- Add

This Gadget adds new SVObjects/SVDrivers/SVOperators to the system, which can be selected via FileRequester. Don't try to selecting other libraries than those, which have a name ending with ".svobject", ".svdriver" or ".svoperator" ! Removing is possible via

Removing is possible vi Remove

1.26 gadget_svremove

- Remove

This Gadget removes unusede SVObjects/SVDrivers/SVOperators from the system. This is only possible, if the current SViewII-Task is the only program, which accesses SuprView-Library at the time. Otherwise the action will result in nothing.

Adding is possible via Add

.

1.27 gadget_prefs

- ?

This gadget allows edition of Controlpad settings of the currently selected SVObject/SVDriver/SVOperator from the GUI (just like with the SVPrefs program).

1.28 gadget_screenlist

1.29 gadget_scrupdate

- Update

If the list of selectable Screens is not up-to-date an update can be forced by pressing this Gadget.

1.30 gadget_scrsave

- Save

The Save-Gadget in the Screen area allows you to save the marked Screen in the selected graphics file format.

1.31 gadget_scrinfo

- Info

This Gadget presents various information on the currently selected Screen.

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1.32 bugs

Known Bugs and program limits:

Limits

- When trying to create some kind of a "slide show", you have to decide how long the user should see a picture displayed, because a mouse click by the user will end displaying as well as sending an ARexx/Commodity/Tooltype command to SViewII, which immediately will cause it to display the new picture. This is not a real bug, this is just because of interactive message receiving while a picture is displayed. Multiple picture displaying is only possible when starting different SViewII Tasks, which then all have to be "quit"ted by a mouse click.

When creating a Slide Show you may better use "SuperSlide", "CyberSlide", "ScrollSlide" or "WinSlide", which may fit those needs well (can be cound in the "Tools" directory).

CyberSlide and Picasso96

For old versions of the Picasso96 software (before V1.32) several problems have been reported, like e.g. crashes.

These usually could be solved by updating to the newest Picasso96 version and/or a FlashROM update for PicassoIV cards.

WinSlide and MultiCX (OpaqueMove)

If OpaqueMove is activated, it will translate a mouse click onto the window sizing gadget into a conventional mouse click, thus causing WinSlide to cause its window. Solution: turn it off in MCX prefs.

ViewMode generation problems

AmigaOS, CyberGfx and P96 functions do behave differently here. If you are not satisfied with the results, please check out my "ModeP" patch from Aminet:util/sys/ModeP.lha or the corresponding preferences option of superviewsupport.library (via SVPrefs)

NewMode

There have been crash reports from someone running NewMode V4 (while V3.9 works fine here, BTW). Using ModePro instead is said to fix this.

1.33 history

SuperView is NOT related to the program with the same name from AmigaLib Disk 367, about which I read late _after_ I began programming it. There's as well no relationship to that PC program, which seems to have "borrowed" the name from us...

It also has NOTHING to do with that same-called display interface system.

>> For the meaning of "Aargh!" see footnotes of
>> Terry Pratchett's book "Interesting Times".

FOR IMPORTANT BUGFIXES WITHIN THE IMAGE LOADERS, SAVERS, THE OPERATORS AND DISPLAY DRIVERS: Please take a look into SuperView-Library.guide !

V8.36 (5.6.99):

- "SView Productivity Suite" users: YOU HAVE TO REGISTER BEFORE BEING ABLE TO UPGRADE TO THIS RELEASE! (for free)
- via PUBSCREEN=Name now can be redirected to a different Public Screen than the default one (usually Workbench, DOpus, whatever)
- there's now an us-based registration site running; see "Discount" text in the help/english directory
- credit card online registration via RegNet now is possible. Some special $\, \leftarrow \,$ Offers

have been set up for you, some of wich are derived from the usual Discount $\,\leftrightarrow\,$ list.

For online registration, simply go to http://www.ar-kleinert.de to the Amiga Software Area (RegNet page) and order with only one click!

Please have a look!

- please note our new WWW domain www.ar-kleinert.de
- for an example, how versatile SViewII's ARexx port is, e.g. take a look at Aminet:gfx/misc/SVProPics.lha for Ulrich Falke's highly useful scripting efforts on a solution for automatic image conversion and processing with SViewII and SuperView-Library. Especially for use with DOpus5, there's Aminet:biz/dopus/svconvert.lha by Wayne Newark, which allows automatized image conversion of whole directory listers.

V8.35 (10.4.99):

- added "ScrollSlide" tool, which is a mixture between WinSlide and CyberSlide; it opens its own screen to allow scrollable displaying of images on AGA/CyberGfx screens within a window, using only a minimum of graphics memory
- minor bugfixes

V8.30 (31.3.99):

- file requester now correctly sets dosavemode flag
- default save name for graphics now equals the last load name
- WinSlide: MAXSIZE option perhaps was broken in WB mode - added CLOSEGAD option
- included Library 23.1

- Library V23+ does include basic WOS support (with various options; see SVPrefs \leftrightarrow), however, the new PPC module package (V23.1) yet only does include three modules: PNG, JPEG, TIFF - more will follow V8.22 (1.3.99): - screen info and screen grabbing seems to have been broken in the last (few ?) versions. Always the first screen would have been used (perhaps -> otherwise: crash) (-> Thomas Lorenz) - while I was at it, ripped out a lot of old code and rewrote the complete screen handling V8.21 (20.2.99): - now asks before overwriting existing files; as long as ERROR_REPORT=YES; can be switched off via ASK_OVERWRITE=NO - please use at least V41.101 of wizard.library. The V37 versions could cause several problems with the GUI refresh. You should find a copy coming with demo versions of various programs under ftp.haage-partner.com - included Library 22.2 - new PPC modules available as well V8.20 (22.11.98): - fixed wildcard pattern settings in prefs filerequesters (again ?) - "SVObjects (all)" didn't feature double-clicks yet. Fixed. - completely updated spanish "help" directly (-> Dámaso D. Estévez) - added reworked nederlands catalog and re-added nederlands GUI catalog (-> by ATO, see credits) - added spanish guide file version by Dámaso D. Estévez - if the two "onlinehelp" texts from sviewII.ct together were more than 80 chars in lenght, this could have caused crashes (-> Dámaso D. Estévez) - AppWindow behaviour now can be changed (-> Wolfgang Krause) - added MultiCX OpaqueMove note to 'known bugs' section (-> Burkhard Breuer) - SuperSlide, CyberSlide, WinSlide: - adjusted version requirements - SuperViewPalette: - removed some unused data and obsolete code - reworked documentation - restructed archive organization; archives #6 through #8 now are optional, #3b is optional (but recommended) as well been missing before - now requires superview.library V22+ and superviewsupport.library V13+ removed some old fallback-code for svsupport < V9 - included Library 22.1 V8.10 (5.10.98): - introduced double-clicks for Listviews (no more "?" or "Modify") - GUI catalog newer was closed (-> Niels Bache)

- updated some of the spanish texts or added notes elsewhere (-> Dámaso D. Estévez) - lithuanian GUI translation added again (-> Levas) - if a display window or screen was open during selecting "save", the corresponding screen (with Windows.svdriver the WB screen, otherwise the display screen) would have been grabbed (and saved) instead of saving the loaded graphics. Fixed. (-> Wolfgang Krause) - added several new and updated translations by ATO (next release may supply that growing number of localizations in a separate archive - to the pleasure of the english-native users) - included Library 21.9 V8.04 (8.9.98): - fixed typos... - ...and updated the docs - added some more translations (and updates) by Dámaso D. Estévez < \leftrightarrow amidde@arrakis.es> - added mailinglist information to support section - added "known bugs" note about NewMode - again added swedish GUI translation (-> Torbjörn Aronsson) - english: updated registration FAQ to reflect credit card information - fixed "error in line 133" problem in installer script (only pretend-mode ?) (-> Torbjörn Aronsson) - included Library 21.8 V8.03 (9.8.98): - V8.02 partially was as fix (only .exe, .wizard and two catalogs) on Aminet V8.02 (3.8.98): - V8.01 was as fix (only .exe and .wizard) on Aminet - V8.00 was labeled "5.7.98" - wrong: correctly, it was 30.7.98 - the "fixed VIEWMODE=..." feature only worked with "Slideview", now also works with "Load" (+ "View") - in the "SVObjects (all)" prefs menu, "Modify" now is ghosted, if there are no settings possible - just as in the other prefs menus - during V7.72 to 8.00, a lot of español translations by Dámaso D. Estévez <amidde@arrakis.es> have been added - started re-adding GUI localizations (so far: deutsch, español) - adjusted version of .wizard file - _? shortcut now allowed for the three SV... module types - included Library 21.7 V8.01 (1.8.98): - old keyfiles were not always recognized (-> Georg Rottländer)
 - "module information" did not work
 (-> Georg Rottländer)
 - some "module information" texts had their color equal to the background color

V8.00 (30.7.98):

- reworked the GUI again
- this is now SViewII the successor of SViewNG (I needed a new name to separate the new GUI and catalog files from the old ones ;-)
- you may use the new and old version(s) in parallel, if you like
- remember to update your own ARexx scripts accordingly for use with the new version (port-name: "SViewII.rx") - I've already done this for the sample scripts
- included Library 21.6

1.34 future

Possible future enhancements _might_ be:

- more and smarter functions for image processing
- 8 Bit or HAM preview screens for any graphics
- holding more than one graphic in memory (multi-handle accesses)
- and more

1.35 correspondence

```
** General PerSuaSiVe SoftWorX WWW Support Site is http://wdo.de/ark/
** - actually redirected to http://www.ar-kleinert.de
```

```
You may reach me the following way.
                                                  Send bug-reports, money or whatever to:
                                                 ------
   * SuperView Development & Registration *
     * DRAFU Development & Registration *
  * Image Engineer Registration Site Europe *
             PerSuaSiVe SoftWorX
             Andreas R. Kleinert
             Sandstrasse 1
             D-57072 Siegen
             Germany, Europe
             Phone: +49-271-22869 also FAX + AM
             Weekdays after 18.00h.
    When calling via phone you may leave a message, |
    if I'm not available - but don't expect me
                                                 1
```

calling back to USA, Australia, ... since german phone rates are HIGHLY expensive.

EMail:

Please send binaries via ARK@News.wwbnet.de, and keep them smaller than 16 KB - otherwise ask before. Please think twice before sending them - my postbox is not unlimited in size. * Do not send binaries via Fido or Fido-Gates ! * - Fido Andreas Kleinert 2:2457/350.18 - Usenet >>>info@ar-kleinert.de Andreas_Kleinert@gmx.de Andreas_Kleinert@t-online.de ARK@News.wwbnet.de - If nothing else works, try one of these public Fido-Usenet gateways: In Germany: Andreas_Kleinert@p18.f350.n2457.z2.fido.sub.org From USA or elsewhere: Andreas_Kleinert@p18.f350.n2457.z2.fidonet.org

When reporting any bugs, please don't forget to include a detailed description of the bug and tell me, if it is reproduceable or not. Please also mention the version number of SViewII you used and describe your system configuration (Amiga model 500/.../4000T-060, Kickstart/OS, RAM, HardDisk, special configurations).

If you want to get a newer - and maybe debugged - version of SViewII do not forget to register as an user of SViewII with the included registration form. Nevertheless unregistered users are as welcome to report bugs as users who decide(d) to register.

1.36 credits_and_support

I perhaps have to thank many persons, but I won't list them all up here, since many of them are already mentioned in the documentation to "SuperView-Library" (so read it, please).

Thanks go to (in alphabetical order):

- Gerd Frank

... for Beta-Testing with the very first versions, Bug-Reports and last not least for his many ideas and suggestions, espescially concerning the re-design of SuperView's GUI ;-)

- Roman Patzner

... for the nice icons he designed for use with Martin Huttenloher's MagicWB (8 Colors minimum) and sent to me for inclusion with SuperView. (See also: "RomIcons" on AmiNet).

- Martin Schulze

... for uploading SuperView onto the AmiNet and including it into the SaarAG series, so that it reached more people out there. Also for sending and receiving all those mails, which did not find their way through the labyrinth of Fido-Gateways ;-)

- Detlef Winkler

...credits have to go to Detlef Winkler for designing several icons and graphics, that currently are or have been included with SView in the past. (See also: "Bonus/ReadMe" file)

- to the translators

Français:	Emmanuel Rey	
	Julien Wilk	(wilkj@esiee.fr)
Italiano:	Francesco Mancuso	(mcfrank@mediatel.it)
	Mario Dell'Oca	(mdoc@uli.it)
Svenska:	Patrik Nydensten	(nyden@algonet.se)
	Torbjörn Aronsson	(torbjorn.aronsson@mailbox.swipnet.se)
Norsk:	Roger Hagensen	(msi@sn.no)
Srpski:	Ljubomir Jankovic	(lurch@afrodita.rcub.bg.ac.yu)
	Andrija Antonijevic	(TheAntony@bigfoot.com)
Russian:	Oleg Sergeev	(bigblack@neworder.com)
Nederlands:	Frits Letteboer *	(dagraver@dds.nl)
	Eelke Blok	(e.blok@student.utwente.nl)
	Ji Yong Dijkhuis	(jiyong@dds.nl)
Suomi:	Mika Lundell	(c71829@uwasa.fi)
	Linus Silvander	(linus@icenet.fi)
Português:	Joel & Rúben Alvim	(mindwalker@mail.telepac.pt)
	Alexandre Gabriel	(chryse@mail.telepac.pt)
Polski:	Boguslaw Dziewierz	(db7@earthdome.com)
Lithuania:	Levas	(savel@kaunas.omnitel.net)
Español:	Dámaso D. Estévez	(amidde@arrakis.es)
Català:	Llorenç Grau	(llg@cryogen.com)
Português-Brasil:	Otto Carvalho	(ottocarvalho@alternex.com.br)
	Gustavo Sarmento	(sarmento@nutecnet.com.br)
Farsi:	Paymaan Taayemeh	(yekta@dci.iran.com)
Türkçe	Sinan Gurkan	(sgurkan@artemis.efes.net)

- several persons, for various common support:

- Patrik Nydensten	- Simon Edwards	- Jon B. Peterson
– Torbjörn Aronsson	– Alessandro Basso	– Luca Giolo
- Andreas Neumann	– Jürgen Haage	– Markus Nerding
- Bodo Thevissen	– Helge Thorsten Kautz	– Urban D. Müller
- Jens Loreck	– Jürgen Schäfer	– Florian Zeiler
- Ing.büro Helfrich	- Steve Quartly	- Paul Huxham

	- Mat Bettinson	- Thomas Eigentler
– William F. Maddock		– Joop van de Wege
– Kevin Hisel	– Joachim Baumeister	– Thomas Fischbach
- Gerd Frank	- Martin Schulze	- Roman Patzner
- Ian O Connor	– Jan van den Baard	- Detlev Winkler
- Michael Trautes	- Ralph Babel	– Alexander Carbin
– Rüdiger Dombrowski	- Thomas Dorn	- Sven Drieling (Indy)
- Oliver Eichhorn	- Stefan Grad	- Klaus Holtorf
- Stefan Kremer	- Alex Lange	- H. P. Lattka
- Andreas Manewaldt	- Axel Melzener	– Michael Petrikowski
– Albi Rebmann	- Frank Taha	- Roger Hagensen
- Christian Wincziers	- Thomas Alexnat	- Rudi Brand
– Aaron Digulla	- C. Davis Sprague	- Michael Flad
- Grant Fribbens	- Thomas Gundlach	- Richard Hartmann
– Mats Jansson	– Michael Kilimann	– Jim & Becky Maciorowski
- Michael De Meerleer	- Neil Mohr	- Patrick Ohly
- Andy Philpotts	- Fabio Rotondo	- Jürgen Schneider
- Tommy Simonsen	- Klaus Stengel	- Reinhard Theling
- Henrik Tikanvaara	– Marco Vernaglione	- Fabien Wernly
- Tilo Winkler	– Steffen Häuser	- Eddie Churchill
- Sven Denninghoff	- Michael Gruber	- Joel Alvim
- Tom Lively	- Frank Dietrich	

- and last NOT LEAST

- all registered users of SuperView for supporting Shareware

1.37 distribution

Copyright

The program SViewII in this version and its documentation files are (C)opyright 1993-99 by Andreas R. Kleinert. All rights reserved.

The right of using this program is granted to you by paying the SHAREWARE-fee of 30 (outside western Europe 40) DEM or equivalent (e.g. in Euro, using the official exchange rate, or in US dollar; 20 USD/25 USD).

Together with the registration you also receive your personal KEYFILE, which is not to be passed to anyone else.

Should any of the listed terms and clauses within this document not be valid in conjunction with the law of certain countries this does not affect the validity of the other clauses.

This software was translated with the help of ATO, the Amiga Translators' Organization. ATO is a non-profit organization that translates for the Amiga community!

Finnish : Mika Lundell <c71829@uwasa.fi> Linus Silvander <linus@icenet.fi>

Portuguese : Joel Alvim <mindwalker@mail.telepac.pt>

Alexandre Gabriel <chryse@mail.telepac.pt>

Russian	: Oleg Sergeev <bigblack@neworder.spb.ru> Irina Sergeeva <bigblack@neworder.spb.ru></bigblack@neworder.spb.ru></bigblack@neworder.spb.ru>
Serbian	: Ljubomir Jankovic <lurch@afrodita.rcub.bg.ac.yu> Andrija Antonijevic <antony@oreska.dv.co.yu></antony@oreska.dv.co.yu></lurch@afrodita.rcub.bg.ac.yu>
French	: Julien Wilk <wilkj@esiee.fr> Pascal Rullier <rullier@triade.fr></rullier@triade.fr></wilkj@esiee.fr>
Nederlands	: Eelke Blok <e.blok@student.utwente.nl> Ji Yong Dijkhuis <jiyong@dds.nl></jiyong@dds.nl></e.blok@student.utwente.nl>
Amiga Trans	slators' Organization: http://www.vapor.com/ato mail: ato-info@ato.vapor.com

(Also see

Credits and Support for more information on translation issues and translators.)

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The author reserves the right to discontinue development of the program.

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