

SystemViewer

James T. Steichen

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COLLABORATORS

	<i>TITLE :</i> SystemViewer		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY	James T. Steichen	August 10, 2022	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

1	SystemViewer	1
1.1	SystemViewer Index:	1
1.2	documentation	1
1.3	Introduction	2
1.4	distribution	3
1.5	disclaimer	3
1.6	The Author of SystemViewer (a real hoopy guy)!:	3
1.7	How to use SystemViewer:	4
1.8	SystemViewer ToolTypes:	4
1.9	Requirements	5
1.10	Known Bugs:	5
1.11	Compilation of SystemViewer	5

Chapter 1

SystemViewer

1.1 SystemViewer Index:

General Info

Introduction

Distribution

Disclaimer

What do ya want for free?

How to use

(Not completely documented)

ToolTypes

Requirements

Not many.

Known bugs

Make sure you read this!

Compilation

How to make a new one.

Author

- Who wrote this great program?

1.2 documentation

SystemViewer v1.1 25-Apr-2001

Written by J.T. Steichen

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WARNING: This program can do a lot of harm to running software!
Know what you're doing if you insist on changing operating
system components. This program can & will freeze your
Amiga operating system. So make sure that you have important
data saved BEFORE you use this program!

Introduction

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How to use
(Not completely documented)

ToolTypes

Requirements

Known bugs
Make sure you read this!

Compilation

Author
- Who wrote this great program?

1.3 Introduction

Introduction

SystemViewer was written to replace the ARTM V2.04 program
by Franz-Josef Mertens, due to those annoying requesters for shareware
fees. ARTM (Amiga Real-Time Monitor) is a great program & I recommend
that you obtain a copy for your system (until I finish SystemViewer).
There are still a lot of buttons that aren't completely functional
in this version of SystemViewer (mostly the Priority-changing buttons).
I mostly use SystemViewer to close windows & screens that a crashed

program has left open. It can also be used to examine & change logical Assignments.

1.4 distribution

Distribution and copyright

SystemViewer is freeware & includes the source-code in the hopes that someone can tell me of better methods of accessing the operating system components. If you make any changes/improvements to the source code, please let

me
know what they are in order to improve & finish this

program! I retain the copyright for the program as-is.

1.5 disclaimer

Disclaimer

The program is provided as-is, so the
Author
takes no responsibility
for any damage done to your data or software.

1.6 The Author of SystemViewer (a real hoopy guy)!:

If your conscience is bugging you to contribute some cash for my programming efforts, please send \$5 (US) or more for the program to:

The Author (a real cool frood!):

James T. Steichen

2217 N. Tamarack Dr.

Slayton, Mn. 56172-1155 (USA)

email: jimbot@rconnect.com (best place to send bug reports)

SystemViewer was written using SAS-C V6.58.

The GUI was put together with GadToolsBox V37.300 (14.3.93) (C)

1991-1993 by Jaba Development. I wish that there was an easy way to pay for this godsend of a program (Thanx guys!).

1.7 How to use SystemViewer:

Double-Click on the icon or type SystemViewer into a CLI/Shell. The first window that opens has buttons that examine various parts of the Amiga operating system, when they are clicked (& released) on.

Most windows that open only allow you to view information on the portion of the current environment, some allow you to change things.

1.8 SystemViewer ToolTypes:

SystemViewer knows which buttons to activate because the ToolTypes in the program's icon inform it which modules are present. These modules (separate programs actually) should be placed in the same directory as SystemViewer (although you can locate them anywhere as long as the ToolTypes tell SystemViewer where they are). The ToolTypes are:

AssignCmd	= SysAssigns	
LockCmd	= NOT_DONE	Future: SysLocks
MountCmd	= NOT_DONE	Future: SysMounts
MemoryCmd	= SysMemory	
ScreenCmd	= SysScreens	
TaskCmd	= SysTasks	
VectorCmd	= SysVectors	
DeviceCmd	= SysDevices	
FontCmd	= NOT_DONE	Future: SysFonts
HardwareCmd	= SysHardware	
InterruptCmd	= SysInterrupts	
PortCmd	= SysPorts	
ResidentCmd	= SysResidents	
SemaphoreCmd	= SysSemaphores	

If a module doesn't work on your system (See bugs

), then change its

ToolType to NOT_DONE & the module button will be ghosted (so you can't accidentally use it again!).

1.9 Requirements

Minimal Requirements:

Amiga computer with 68020+ and AmigaDos 3.0+

1.10 Known Bugs:

- * The cache information in the Hardware window is not completely correct (I need help with this).
- * Closing a window that's still operating correctly will freeze the system (what did you expect if you just start performing brain surgery without any anesthesia?).
- * The Fonts, Mounts & Locks buttons are ghosted because the programs to examine them have not been written yet.
- * More documentation needs to be written in this guide file.

1.11 Compilation of SystemViewer

SystemViewer was compiled with the SAS-C Compiler V6.58

Either move the GlobalObjects stuff to CPGM:GlobalObjects/ or change the source files to include CommonFuncs.h to the place where you've moved it to.

(Just change #include "CPGM:GlobalObjects/CommonFuncs.h" in each .c file & edit the makefile to reflect the location of CommonFuncs.o).
