

SIP_Documentation

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Chapter 1

SIP_Documentation

1.1 SIP V2.20 : Documentation

SIP V2.20

- FREEMWARE -

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This program was written under OS V3.00 and is therefore fully compatible. It needs OS V2.04+.

This program needs 'asl.library' V37+
and 'diskfont.library' V37+.

This program supports 'amigaguide.library' V39+.

Release Date : 26.06.1994

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1.2 copyright

The program SIP V2.20 and its documentation files are
(C)opyright 1992-94 by Andreas R. Kleinert. All rights reserved.

1.3 disclaimer

The author takes no responsibility for any results of the use of this program.

This software is provided "AS IS" and there is no warranty of any kind,

so that you use this software at your own risk.

1.4 distribution

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program collections without my written permission.
This program must not be sold in any way, but it is allowed to take
a nominal fee including the costs for copying.

This program may be put on public domain disks or included in public
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This program may also be distributed via electronic mail and may be
put into mailboxes as long as the redistribution conditions are
respected in all points.

By using or distributing this program you automatically agree to
all of the above conditions and terms.

1.5 function

Intention :
=====

"SIP" stands for "System Information Program".

SIP may look very similar to other programs with similar intentions,
but has really nothing to do with them except of the task to fulfil.

What I wanted to create, was a program that should bring the same comfort
to you as other programs, but which also should be compatible to the new
OS 2.04 and use the special features of the new Kickstart.

Function :
=====

SIP allows you to watch and manipulate most of the elementary parts of
the Operating System of your Amiga, as (e.g.) Tasks, Libraries, Devices,
Ports and Windows.

It also brings you the possibility of viewing some of the most important
vectors in the system and to clear them, to make sure to keep your system
free of viruses and all the other garbage which affects working with
your Amiga.

SIP has been written under V3.00 of the AmigaOS and only runs under

OS V2.04+.

Usage :

=====

Function-Overview :

Gadget	Function
-----	-----
Tasks	Shows Tasks by name and more
Windows	Shows Screens and Windows by name
Libraries	Shows Libraries by name and more
Devices	Shows Devices by name and more
Resources	Shows Resources by name and more
Ports	Shows Ports by name and more
Residents	Shows Residents by name and more
Interrupts	Shows Interrupts by number and more
Vectors	Shows some vectors (CoolCapture, etc.)
Memory	Shows information about memory
Mount	Shows all mounted devices by name
Assign	Pops up a File-Requester to show assigns and volumes
Fonts	Pops up a Font-Requester to show all available fonts
Hardware	Gives some information about the Hardware

Action-Gadget	Function
-----	-----
Remove!	a) Removes a Task/Window/Library/Device/Resource/ Port or Interrupt.
Clear!	b) Clears Cold-/Cool- and WarmCapture entries in SysBase.
Priority!	Sets new Priority for a Task/Library/Device/Resource/ Port or Resident.
<Close-Gadget>	(see Menus : "Quit")

Menu	Function
-----	-----
Project/Help	Opens the AmigaGuide Online-Help
/Info	Opens the Info-Window of SIP
/Start WB	Starts the Workbench
/Quit	Opens the Iconify-Requester
Switch/SIP Dos Tools	Switches to the "SIP Dos Tools"
/SuperView ...	Switches to SuperView-/SuperPlay-Library Resource Viewer

In the Iconify-Requester you may choose between three possibilities :

- Cancel

1. Go back.

- fixed Handler-StackSize again : was right before
- did much (internal) source-code optimization
- added new "Switch"-Menu, where the available SVOjects of superview.library and SPOjects of superplay.library are displayed together with some additional information
- and more

V2.16 : (21.11.1993, original-size : 39336 Bytes)

- SelectionDisplay-Gadget now TextGadget
- added KickTag-Display (Vectors)
- removing of Ports now depending on addresses, not on names
- improved Documentation a little bit
- more small enhancements

V2.15 : (31.10.1993, original-size : 39024 Bytes)

- use of SAS/C V6.3
- UNDERSCOREs for the Gadgets
- changes in Resident-Viewer
- removing of Windows AND Screens possible, now depending on addresses, not on names
- removing of Tasks now depending on addresses, not on names
- ListView no longer shows (last) selected Item
- recognizes 68040 FPU
- former "FAST" memory values now interpreted as EXTended Memory
- fixed bug in memory size calculation
- updated documentation
- and many more improvements

V2.14 : (24.07.1993, original size : 36000 Bytes)

- use of GadToolsBox V2.0c (V37.300)
- removed SAS/C handling routines for CTRL-C/D (CXBREAK)
- AmigaGuide-Documentation

V2.12 : (10.06.1993, original size : 35692 Bytes)

- now with additional menupoint "SIP Dos Tools" (integration of "KBoot V1.02" and "Well-Format V1.00") :
 - Viewing of Bootblocks of Disks
 - Diskformatting quick/hard, OFS/FFS ic (quick : internal, hard : external ("SYS:System/Format"))
 - improved error-handling in low-memory situations
 - removed unnecessary code
 - changed Task-Display
 - changes in Residents-/Libraries-/Devices-/Handler-Viewer
 - another bug-fix in the Resident-Viewer
 - bug-fix in the Resource-Viewer
-

V2.06 : (12.05.1993, original size : 29708 Bytes)

- Hardware : added Agnus/Alice recognition. Not perfect so far !?
- the "Resident-View-WB-Known-Bug" now seems to be FINALLY fixed
- internal changes to the Interrupt-Routine
- some optimizations

V2.05 : (15.04.1993, original size : 29964 Bytes)

- Remove! : new Requester for Tasks/Processes :
 1. RemTask
 2. Break Task (CTRL-C, -D, -E or -F)
- Hardware : recognizes Denise-/Lisa-Chips via their ID
- new Menu for starting Workbench

V2.04 : (April 1993, original size : 28088 Bytes)

- Resident-Viewer still crashed sometimes. Bug hopefully fixed now.
- new abort-routine (V33-style Error-Requester, runs anywhere).
- found out, that Asl-Font-Requester at least needs "diskfont.library" of OS V2.0x to pop up. Added note to Doc-File.

V2.03 : (original size : 27856 Bytes)

- improvements
- more informationen about Handler ("MOUNT" before)

V2.02 : (original size : 27668 Bytes)

- use of SAS/C V6.00
 - fixed a bad bug, which occurred under OS V3.0 (Kickstart V39.106, exec.library V39.47, intuition.library V39.2084, gadtools.library V39.356), but not under OS V2.04 !!!
If selected the ListView-Gadget, a "class&IDCMP_CLOSEWINDOW" resulted in TRUE, although it should not.
This should have been filtered out by "GT_GetIMsg()", but was not.
Now using an absolutely clear "class==IDCMP_CLOSEWINDOW".
 - added auto-activation
 - re-added possibility to watch files in Assign-Requester
 - fixed handling of Resident-IDs (might have been crashed, if no valid ID-Pointer (or NULL) set), Forbid()/Permit()
 - removed memory-values from "Hardware" and fixed those values in "Memory" (so that "not FAST ..." is reported, if 0x00000000 is found)
 - changed/added some other things
 - improved doc-file (even older revision-entries)
-

V2.01 : (original size : 27672 Bytes)

- added some "__aligned" statements
- fixed another (possible) bug-source in string-buffering
- closed silly "memory black-hole" in "Mount"-Option

V2.00 :

- changed name from "BRTM" to "SIP", to show that it is not just a clone of other programs with its intention
- complete re-design of the Surface, because of use of GadToolsBox V1.4 : code should be better now (less "by hand"-changes because of multiple-windows technique).
- changes in Help- and Info-Window, as well as small differences in quality of design.
- fixed a bug in string-buffering and conversion of strings for Screen-Display (perhaps this wasn't the last one ...)
- AGAIN : improvements on this doc-file (yes, you are still reading it ...)

V1.05 :

- fixed some "surface" things ("More" now is fully obsolete), changed some texts inside
- fixed a bad bug in clear-routine for gadgets
- consequent use of "__regargs" (SAS/C V5.10a/b)
- improves on this doc-file (yes, this which you are reading now ...)
- Asl-Requester (for Assigns) now for Dirs only (no selection of files possible any longer)
- Requesters are (should be) bigger

V1.01 :

- self-detaches from CLI/Shell by "cback.o"
- improved display of library-data
- more information about resources
- number of messages displayed, when "hanging" at ports
- "\$VER"sion-string for use with the CLI-/Shell-Command "Version"
- closes the remaining stdio-window on the WB (=> no longer error-texts on the WB, but in the CLI/Shell).

V1.00 :

- First and initial release.
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1.9 morecopyrights

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