

# **SIP\_Documentation**

**COLLABORATORS**

	<i>TITLE :</i> SIP_Documentation		
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The CHAOS theory:

"Like finding that bloody butterfly whose flapping wings cause all these storms we've been having lately and getting it to stop." (see "Witches Abroad" by Terry Pratchett)

Ahm...well:

...and thanks for all the fish.

## 1.2 copyright

The program SIP V3.10 and its documentation files are (C)opyright 1992-98 by Andreas R. Kleinert. All rights reserved.

Some of the mentioned names or products may be copyrighted by companies or trademarks of companies.

## 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

The program SIP V3.10 is freely distributable (FREWARE). You may copy it, if the copyright notice is left intact and all of its parts are included in the distribution. This program must not be included in commercial packages or commercial 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 domain disk libraries.

Special permission hereby goes to Fred Fish's AmigaLib-Disks and the german series (in alphabetical order) :  
AmigaSzene, BerndSPD, FRANZ, GPD, SaarAG, TAIFUN and TIME.

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.

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## 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 V3.1 of the AmigaOS and only runs under OS V2.04+.

Usage :  
 =====

Function-Overview :  
 -----

Gadget	Function
Tasks	Shows Tasks by name and more (divided into Exec Tasks/Processes and PPC Tasks)
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"

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

- |          |                |
|----------|----------------|
| - Cancel | 1. Go back.    |
|          | 2. Iconify     |
| - O.K.   | /              |
|          | \              |
|          | 3. Really Quit |

Notes :

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- "Iconify" saves some memory (GUI, Lists, etc.)
- You may click on all the gadgets without destroying anything, EXCEPT the following gadgets :
  - Remove!      Remove s.th., if s.th. is chosen
  - Priority!     Set priority, if s.th. is chosen

Here's an example, how to "Remove!" a Task from the system :

Example :

-----

| Action       | Gadget / Text to select |
|--------------|-------------------------|
| <Clicked on> | Tasks                   |
| <Selected>   | "Background CLI"        |
| <Clicked on> | Remove!                 |

Then you'll see, that the task "Background CLI" will have been removed.

SIP Dos Tools :

-----  
 In the Menu "SIP Dos Tools" you may view Bootblocks of Disks (DF1: to DF3:) or format Disks or Dos-Volumes (DF1: bis DF3, any Devices).

Please note, that for formatting of 720 KB-Disks the appropriate Handlers (PC0: bis PCx:) have to be mounted and that Quick-Formatting of Amiga- to 720 KB-Disks or of 720 KB- to Amiga-Disks cannot work. Therefore for this, as well as for new Disks, please select Hard-Formatting.

Also the maximum length for the name of 720 KB-Disks is 12 characters : the rest will be ignored.

For Hard-Formatting "SYS:System/Format" is used.

## 1.6 correspondence

\*\* General PerSuaSiVe SoftWorX WWW Support Site is <http://wdo.de/ark/>  
 \*\* - actually redirected to [http://home.t-online.de/home/Andreas\\_Kleinert/](http://home.t-online.de/home/Andreas_Kleinert/)

```

|-----|
| 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 |
| |
| Any snail mail to the old address will still be routed. |
| |
| 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 |
| calling back to USA, Australia, ... since |
| german phone rates are HIGHLY expensive. |
|-----|

```

E-Mail:

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
  >>>   Andreas_Kleinert@t-online.de      (T-Online)
        ARK@News.wwbnet.de                (Z-Netz)
        ARK@superview.ftn.neckar-alb.de   (Fido-Gate)
        Andreas_Kleinert@gmx.de           (GMX)
```

(note, that mail sent to @gmx.de currently will be forwarded to @t-online.de - so, as long as it works, try to address the latter directly)

- 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 SIP you used and describe your system configuration (Amiga model 500/.../4000T-060, Kickstart/OS, RAM, HardDisk, special configurations).

## 1.7 history

V3.10 (10.10.98):

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- better optimization
- updated docs
```

V3.9 (29.1.98):

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- adjusted source to newer ppc.library includes
- now recognizes PPC604e, too
- changed info text on unknown CPUs
- yes, I KNOW that the GUI has to be reworked
  (anyone interested in creating one with StormWizard ?)
```

V3.8 (20.9.97):

```
-----
- recompiled with SAS/C 6.58
```

## V3.7 (27.5.97):

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- added another quick hack to display information on powerUP (TM) tasks currently running
- GUI really needs to be made font-sensitive...

## V3.6 (15.5.97):

-----

- added quick hack to recognize powerUP (TM) boards (not with identify.library being installed)

## V3.5 (7.4.97):

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- 060 recognition did not work (argh) (-> Rolf Mueller, various)
- no, there is no OS 3.4

## V3.4 (31.3.97):

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- changed startup codec
- no more CTRL-C possible
- again small fix to "Handler" code
- differently optimized
- small changes

## V3.3 (3.1.97):

-----

- completely recompiled with SAS/C V6.57
- did always crash when trying to access keymap.resource as library node. Now bypassed. (-> Sascha Teichmann)
- of course OS 3.1 has been used for development, OS 3.2 was a typo

## V3.2 (12.9.96):

-----

- fixed version string
- fixed bug in "Handler" enlistment
- there are still possibly two EHits in "Handler" enlistment, but it seems, as if a bug in RAW-Handler is the reason
- "Assign" now creates and shows own list; was buggy as well
- KickTag listing (still) was buggy and produced hits
- fixed small bug in "Hardware" section
- and more little changes

## V3.1 (4.9.96):

-----

- recompiled with SAS/C V6.56
  - using utility.library, using new GST, now caching SysBase, change compiler options, etc.
  - fixed several Enforcer Hits:
    - Closegadget
    - Resources enlistment
    - Handler enlistment
  - reworked Resources enlistment
  - reworked Handler enlistment
  - removed superview/superplay facilities
-

- switched GUI-Engine from GadToolsBox to Designer
- now recognizes 68060
- now does support Richard Körber's "identify.library"

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*****  
Version history before V3.1 no longer included  
*****
```