# SCSISwitch

**COLLABORATORS**

| | *TITLE* : | | |
|---|---|---|---|
| | SCSISwitch | | |
| *ACTION* | *NAME* | *DATE* | *SIGNATURE* |
| WRITTEN BY | | April 12, 2022 | |

**REVISION HISTORY**

| NUMBER | DATE | DESCRIPTION | NAME |
|---|---|---|---|
| | | | |

# Contents

# Chapter 1

# SCSISwitch

## 1.1  SCSISwitch 0.1 ©1995 Gérard Cornu - Guide summary

```
                          SCSISwitch 0.1 - Guide Summary - (9-Feb-95)
                by
          Gérard Cornu

            Copyright

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## 1.2  SCSISwitch copyright and other boring stuff

```
                        SCSISwitch   -   version 0.1   9-Feb-95

        ©1995
              Gérard Cornu
               -   Compiled with
              SAS/C ®
```

```
            6.51
```

SCSISwitch, as well as all the accompanying files, is ©1995 Gérard Cornu.

## 1.3  NO warranty for SCSISwitch

```
            NO WARRANTY
~~~~~~~~~~~
```

There is no warranty for this software package. Although the
                author
                  has tried to prevent errors, he can't guarantee that the  ←
                    software package
described in this document is 100% reliable. You are therefore using this
material at your own risk. The author cannot be made responsible for any
damage which is caused by using this software package.

## 1.4  SCSISwitch distribution

```
            DISTRIBUTION
~~~~~~~~~~~~
```

This software package is freely distributable. It may be put on any
media which is used for the distribution of free software, like Public
Domain disk collections, CDROMs, FTP servers or bulletin board systems.

In order to ensure the integrity of this software package, distributors
should use the complete original distribution. The author cannot be made
responsible if this software has become unusable due to modifications
of the distribution contents or of the distribution files themselves.
There is no limit on the costs of the distribution, e.g. for the media,
like floppy disks, streamer tapes or compact disks, or the process of
duplicating. Such limits have been proven to be harmful to the idea of
freely distributable software, e.g. instead of reducing the price of the
floppy disk below the limit, the software was simply removed from the
master disk.

Although the
                author
                does not impose any limit on the distribution of
this software, he would like to express his personal opinions on this
matter:

   * This software package should be made available to everyone free of
     charge whenever it is possible.

   * If you have acquired this software package under normal conditions
     from a Public Domain dealer on a floppy disk at a price higher than
     25FF or US $5, then you have definitely paid too much. Please don't
     support this improper profit making any longer and switch to a

```
        cheaper source as soon as possible.

                            ---------

  Alan Pfeil is certainly allowed to include it in the
                I.C.P.U.G.
                Amiga
  library.


                Fred Fish
                is obviously allowed to include it on one of his CDRom.


                Thierry Colin
                is authorised to include it in the
                D.P.A.T.
                collection.
```

## 1.5  Fred FISH and the AmigaLibDisk library

```
  FRED FISH and the AmigaLibDisk Library:
  ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

  As Fred has been releasing CDROMs from a while now, just choose
  carefully your Fish CDs retailers, if you don't buy them directly
  from Fred. Those resellers aren't supposed to make money with them.
```

## 1.6  Usage restrictions for SCSISwitch

```
  USAGE RESTRICTIONS
  ~~~~~~~~~~~~~~~~~~~

  No program, document, data file or source code from this software
  neither in whole nor in part, may be used on any machine which is used

      * for the research, development, construction, testing or production
        of weapons or other military applications. This also includes any
        machine which is used in the education for any of the above
        mentioned purposes.

      * by people who accept, support or use violence against other people,
        e.g. citizens from foreign countries.
```

## 1.7  SCSISwitch requirements

```
  REQUIREMENTS
  ~~~~~~~~~~~~~
```

SCSISwitch needs at least System 2.04 to run, and has been developed
and tested with KS 37.175 and WB 38.35. It should work with higher
versions as well.

Due to the very nature of this little utility, one or several SCSI hard
disk(s) are of course required ;-)


## 1.8  Installing SCSISwitch

Installing SCSISwitch:
~~~~~~~~~~~~~~~~~~~~~~

Just double-click on the Install icon of your choice. This suppose
that you have Installer somewhere in your command path.

You prefer a hand made installation? OK, (me too ;-), just copy
SCSISwitch in a directory on your command path.


## 1.9  Introduction to SCSISwitch

INTRODUCTION
~~~~~~~~~~~~

SCSISwitch allows you to switch off and on a given SCSI device unit.

Beware that if you switch off the unit where SCSISwitch is actually
stored, you won't be able to switch the unit back on! And you'll have
to reboot!

Because of this, SCSISwitch has been made pure and so is residentable.

I wrote it because I have an old and quite noisy Quantum LPS 105 hanging
off my A590, (which itself holds a Maxtor 345 MB), (don't laugh, and the
Quantum sits on top of an old PC power supply, to power it ;-)

I only use the Quantum very rarely, sometimes not even once during a day.
And believe me it is quite noisy.

So I decided to write this simple switch!

SCSISwitch, unlike NoiseSaver (1.5), don't patch the scsi.device's
BeginIO() function. So if you forgot to switch a unit back on before
accessing it you'll get read errors, but there is nothing to worry about,
just click cancel on all the requesters, and switch the unit back on!


## 1.10  Using SCSISwitch

             Using SCSISwitch
~~~~~~~~~~~~~~~~~

SCSISwitch is a Shell only utility.

                    Template

                    Examples

## 1.11   The template for SCSISwitch

                  The template is as follow:

D=DEVICE/K,U=UNIT/K/N,ON/S,OFF/S,H=HELP/S

The first argument, D or DEVICE, must be followed by your scsi device
name. This argument is optional, the default device is "scsi.device".

The second argument, U or
              UNIT
             , must be followed by the unit number of
the device. This argument must be given.

The third and fourth arguments, ON and OFF, are of course mutually
exclusive, and speak for themselves! One of them should be given.

The 5th argument, H or HELP, will give you some help about the usage of
SCSISwitch.

## 1.12   How do I know which unit my HD is?

If you don't know the unit number for your SCSI hard disk(s), just run
HDToolBox and once the window is opened you will see the following:

              Hard Drives in System

Interface      Address    LUN  ...
SCSI             x
SCSI             x
                 ^
                 |
The unit number is displayed here, in the Addresses column.

If you used another utility to install your hard disk(s), it should
have a similar layout, or at least tell you the address of your
installed hard disks.

## 1.13   Examples

```
Examples:
~~~~~~~~
Assuming the unit you wish to switch on or off, uses a scsi device
named "foo_scsi.device" and is addressed as unit "0":

If you wish to switch it off, the syntax will be:

   SCSISwitch DEVICE=foo_scsi.device UNIT=0 off

If you now wish to switch it back on:

   SCSISwitch DEVICE=foo_scsi.device UNIT=0 on
```

## 1.14   SCSISwitch author

```
                 Send any suggestion, bug report, compliment ;-), DARK  ←
                    chocolate
 (BLACK, containing at least 69% cocoa ;-), Bergerac Affiné tobacco,
 freely distributable software, 4 GB hard disks (or more!),
 A3 48 bits colour scanners, CDROM drives (only SCSI 2!) and CDROM
 disks, tape streamers, brand new AMIGA 8000 with RISC CPU, etc...

 OR JUST A POST CARD, to:

                    Gérard CORNU
                    11 avenue Edouard Aynard
                    69130 ECULLY

                    FRANCE.
            (WPC)
                         Have plenty of nice days! ... me too!


            Translations ...
```

## 1.15   W.P.C.

```
                    World People Community ;-)
```

## 1.16   Translations ...

```
I can translate commercial software's documentations or hardware
manuals, in fact anything technical, from English (or American!)
to French, and vice versa.

I have a very good knowledge and experience of the Amiga and
computing in general.
```

```
Send your proposition to:

                         Gérard Cornu
                         11, Avenue Edouard Aynard
                         69130 Écully
                         (France)
```

## 1.17  D.P.A.T.

```
                  D.P.A.T
~~~~~~~

French PD library, Domaine Public Amiga Toulouse.
Started and managed by
              Thierry Colin
              at
              AmigaNews
              .
```

## 1.18  ICPUG

```
I.C.P.U.G
~~~~~~~~~

ICPUG is the one and only Independent Commodore Products Users Group.
ICPUG is a non-profit making voluntary group run by its members for
     its members.

To become a member of this brilliant club contact:

Jonathan Cooley
ICPUG Membership secretary
10 Willson Road,
EGHAM, Surrey,
TW20 0QB

ENGLAND.
```

## 1.19  SCSISwitch's author would like to thank...

```
              (in alphabetical order...)


Amiga               For being the best platform to 'work' on. And still
                    alive in spite of some sad facts.

AmigaNews           The first French Amiga magazine edited and
                    published on an Amiga.
```

Bernard Kubler         For the delicious chocolates.

Christian Marz         For sending the Aminet 4 CDROM, for the Mod lists
                       and much more.

Commodore-Amiga's      For improving it.
Software and
Hardware Teams


             Fred Fish
                       For the much helpful
             AmigaLibDisk library
             .

Gérard Cornu ;-)       For the excellent french translations of all
                       SCSISwitch documents
             ;-)  ;-)  ;-)
             .


             I.C.P.U.G.
                       For all the nice guys and gals making it!

Jen Allen              For the chocolate bars, and everything else.

Jérôme Chesnot         For showing me his nice country in the Pyrénées and for
                       making me discover 'Parapente' through Pierre Nicolas
                       and Ariane. For all the support and much much more.

Joy & John Harding     For their kindness, and for showing me their nice
                       Devon country. And much, much more.

Mark J. Lednor         For supplying me with AmigaLibDisks, then loads of
                       Aminet's files, and for uploading my programs on
                       Aminet. Thanks Mark.

Peter Miles            For having supplied me with AmigaLibDisks, and for
                       everything else.


             SAS/C ®
             Team        For my preferred compiler environment.

Stefan Becker          For the indispensable ToolManager, and for letting
                       me use his disclaimer, distribution and usage
                       restrictions.

Thierry Colin          For the keeping of the
             DPAT
             collection, and for
                       having upgraded
             (just kidding!)
               And all the other people for
             supporting me
             and/or the Amiga ;-)

## 1.20   For the humor impaired ... ;-)

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```

## 1.21   Index

```
                 Index created by AGIX 1.2 (5.8.94) Copyright © Ralph  ←
                         Seichter
       modified  and re-formatted by Gérard Cornu ;-)


           AmigaLibDisk library

           AmigaNews

           Author

           Copyright

           Credits & Thanks

           Distribution

           DPAT

           Examples

           Fred Fish

           Fred Fish (bis ;-)

           Gérard Cornu

           I.C.P.U.G.
```