Protector

COLLABORATORS

	TITLE : Protector		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		February 12, 2023	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

Protector

1.1 Protector

                                        ProtectorV1.92
                              BBS-Safety-Utility

As you can see in the history, there was a long delay between version 1.7 and
     version 1.8. Before v1.8 I released a new version every three months and
version 1.8 was nearly finished after this time, too. But as really nobody has
send me anything (no mails, no registration, NOTHING) since releasing version
1.6, I lost my interest in this project and I haven't released _anything_ for
over one year. But it made me sick to have some nice tools and only one user,
     myself. So I startet to release my work again and I also finished the
protector. It now has all the features I need and is running smoothly, so this
                           will be the final release.

Because V1.8 does not work correct with gfxcards, I made another release which
                          should solve the problem.

       With release 2.0 95% of all known bugs should be removed :-)

                    DESCRIPTION

                     COPYRIGHT

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1.2 copyright

```
                                        COPYRIGHT

             Protector is Shareware © 1993-1995 by
               Peter Stegemann
                 .


      Those, who like and use this program have to register it for 15.- DM.
    If you want to have the newest version, you have to pay 5.- DM more and
   has to tell me, which version he has at the moment and how I should sent him
      the new version (e.g. Mail or Crash). If you live in a foreign country,
      you have to pay 10.- DM for this. Moneysendings without any comment are
                      accepted thankfull as a gift:-)

                        All Rights Reserved.

         Kickstart 2.04 and Workbench 2.0 are Copyright © 1985-1992
                       by Commodore-Amiga, Inc.

             ShutDown 2.0 is Copyright © 1992 by Olaf Barthel.
```

1.3 disclaimer

```
                              DISCLAIMER

This software package is freely distributable, as long as no files are modified
   or removed from the archive. It's not allowed to raise any money for it's
      spreading and copying, any distribution trough companies is illegal!
      The distribution trough the AmiNet- and the Fred-Fish-CDs is allowed.

    This software and information is provided "as is". No representations or
   warranties are made with respect to the accuracy, reliability, performance,
  currentness, or operation of this software and information, and all use is at
      your own risk. The author doesn't assume any responsibility or liability
      whatsoever with respect to your use of this software and information.
```

1.4 contents

                              CONTENTS

This software package consists of the following files:

Protector   - the program itself
Protector.info   - it's icon

Protector_E.Guide   - english amigaguide doc
Protector_E.Guide.info - it's icon

Protector_D.Guide   - german amigaguide doc
Protector_D.Guide.info - it's icon

Libs/Shutdown.library - the shutdown.library from Olaf Barthel.

1.5 description

                             DESCRIPTION

     The Protector is able to prevent your BBS from beeing blocked by
                    Guru Meditations and Requesters.

          It requires
             Kickstart 2.04
              ,
             Workbench 2.0
              or better.
            and the
             shutdown.library
              .

            The Protector contains an embedded version id in CBM
 format which can be shown using the Shell command VERSION of Workbench 2.0.

  All program components are tested with Enforcer V37.28 and MungWall V37.55.

1.6 usage

                              USAGE

  Simply put the Protector into the WBStartup drawer or start it from CLI.
   To remove it, start it again or remove it with the Commodities Exchange
                             program.

 The CLI-arguments and tooltypes are:

CX_POPUP/K   - show the window on startup.
                            default: on.
DISABLED/S   - disable the protector on startup.
                            default: off. (Enabled)

```
LOGFILE/K                         - filename for the log.
                                    default: off ("")
ENABLECMD/K                       - command which will be executed on enabling.
                                    default: Execute S:ProtectorEnableCMD.
DISABLECMD/K                      - command which will be executed on disabling.
                                    default: Execute S:ProtectorDisableCMD.
SHUTDOWNCMD/K                     - command which will be executed on shutdown.
                                    default: Execute S:ProtectorShutDownCMD.
XPOS/N                            - x-position of the Protector-window.
                                    default: 0.
YPOS/N                            - y-position of the Protector-window.
                                    default: under the titlebar.
MAXEVENTS/N                       - the maximum number of events (requester, alerts),
                                    which are allowed to happen in 10 seconds.
                                    default: off.
REQDELAY/N                        - the time after that the requester will be can-
                                    celed automaticaly.
                                    default: off.
RETRYMATCH/K                      - if a requestertext starts with this string, the
                                    requester will be retried, not canceled.
                                    default: off

                          DISABLED IN UNREGISTERED VERSION


TRAPPATCH/S                       - activates the patching of the Trap-Vectors. After
                                    this the following exceptions are immediately
                                    followed by a reset:

                                      BusError
                                      AddressError
                                      IllegalInstruction
                                      DivisionByZero

                                    An entry in the log will _not_ be written.

                                    Warning: The chance that this "feature" disturbes
                                    the system more than making use is really big. I
                                    suggest not to activate it.
                                    default: off.
```

1.7 features

```
                                      FEATURES

- uses the
                shutdown.library
                 for the reset.
- easy removable cause it's a commodity.
- has an window with activation-button.
- safe repatchroutines.
- supports CLI-arguments and tooltypes.
- is able to build up a logfile.
- Windowposition is setable.
- causes a shutdown, if more than a given number of requesters and
  alerts are coming up in 10 seconds.
```

```
  - is able to execute commands on enabling, disabling and shutdown.
  - cancels requesters after a defined time.
  - is able to retry defined requesters.
```

1.8 history

```
                              HISTORY
V1.0>

  - requester's patched
  - alert's patched
  - window for removing

V1.1> (19.03.93)

  - enhanced code
  - delay before reset

V1.2> (03.08.93)

  - changed to commodity
  - removed window

V1.3> (29.08.93)

  - added window with activation-button
  - added the CLI-args
  - added tooltypes

V1.4> (02.11.93)

  - added logfile.
  - changed reset to shutdown.

V1.5> (30.12.93)

  - added windowpositions.
  - added maxevents.
  - reworked logfileoutput.

V1.6> (01.03.93)

  - added EnableCMD and DisableCMD.
  - window is now fontsenitiv.
  - reworked the code a little bit.

V1.7> (03.05.94)

  - added ShutDownCMD.
  - added timed requesters.
  - reworked the code again.
  - removed the deadlocks caused by logfileproblems.
  - removed several small bugs in the logfileoutput.
  - the protector is now shareware.
```

```
V1.8> (22.03.95)

  - removed heavy bug in the repatch-routines.
  - added trappatch.
  - reworked logfileoutput.

V1.9> (06.05.95)

  - changed the easyrequestargs-function to work better with gfx-boards.
  - added retrymatch.

V2.0> (06.12.95)

  - fixed autorequest bug.
  - added patternmatching to retrymatch.
```

1.9 bugs

BUGS

The Protector has to be started _after_ tools like ARQ to work.

You should choose a special partition for the log, because the risk that
the system crashes during writing is much higher during a malfunction that
causes an alert or requester. It should be possible for everybody to a
small extra partition for this!

On my system, the "printer trouble" requester locks up.

1.10 thanx

THANX

A special thanx to the following people:

```
Robert Hofmann    - for hints, suggestions, betatesting and support.
Olaf Barthel      - for his shutdownsystem.
Eric Delord       - first registered user.
Thomas Soeffing   - trough whom I found out, that the shutdown.library in
                    version 1.5 was xpk-packed. (Shit) :-(
```

1.11 plans

PLANS

The following features will be implemented in future releases:

```
- to find all bugs :-)
- RETRYMATCH with patternmatching.
```

1.12 shutdown

```
                                    SHUTDOWN

     The
                  shutdownsystem
                   from
                  Olaf Barthel
                   delay's a reset as long as it
    is needed to stop all fileaccess. To use the full functions of this system
   you have to install it completely. The shutdown.library is only delivered in
  this packet to garant the useability of the Protector. To use all the features
          of shutdown, you have to get the full packet and install it.
```

1.13 support

```
                              SUPPORT

   New versions of the Protector and the Shutdownsystem are available from me.
      I can send you the newest version by mail if you send me 10.- if you
              want to, too. But only if you're already registered!
```

1.14 contact

```
                              CONTACT

       For suggestions, bugreports and money contact me under:

             SnailMail: Peter Stegemann
                         Unter Stad 56
                         79353 Bahlingen

                Money: 3260 59-759
                         Postbank Karlsruhe
                         660 100 75

              Fidonet: 2:2476/775.0@fidonet.org
              Amiganet: 39:173/101.0@amiganet.ftn
               Usenet: pst@cocoon.infra.de
                Voice: +49(0)7723-91023
                 Data: +49(0)7723-91025 n(ZyX16k8)
                                          (X.75/V.110)
```

1.15 lyrics

```
                              LYRICS

              Anything that happens, happens.
```

                    Anything that, in happening, causes something else to happen,
                                    causes something else to happen.
            Anything that, in happening, causes itself to happen again, happens again.
                        It doesn't necessarily do it in chronological order, though.

                                    by Douglas Adams, in "Mostly Harmless".