patchalert

	COLLABORATORS		

	TITLE : patchalert		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		March 1, 2023	

	REVISION HISTORY		

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

patchalert

1.1 PatchAlert 1.0 Guide

```
         Press the different gadgets to inform yourself about this  ←
            program !


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    Thanks
        READ THE
    DISCLAIMER
     BEFORE YOU RUN
    PATCHALERT
    !
```

1.2 About this software

If you've been using your Amiga for a while, you can't have missed ←
the
Guru Meditation – SoftWare Failure requester. When a program, for example,
tries to free a memoryblock more than once, you'll get several $01000005-
alerts, and after a while a
DEAD END
alert. This force the machine to
reboot, and you feel that you can throw your piece of garbage through the
window, 'cause 4 hours of work is lost in a nano-second...

Here,
PatchAlert
makes your day! By patching the
Alert
() function in
exec.library, you'll be able to remove the task who failed, view the alert
or try to continue.

Some Viruscheckers may protest and say that vector -108 (or -$6c) in
exec.library is infected by some unknown virus. This 'virus' is
PatchAlert
,
so don't worry!

PatchAlert
is FREEWARE, so you can use it and copy it as long as the
archive remains unchanged. No costs except for disks, copying and
distribution may be charged. If you're going to distribute
PatchAlert
in
any way (except for aminet) please let me now.

Donations are welcome, but not needed. If you like this software, please
let me know.

1.3 disclaimer

Once you've installed
PatchAlert
, the responsibility is all yours.

PatchAlert
is distributed with no special purpose, and in no way can the
author be held responsible for any damage caused by the use or misuse of
this program.
No warranty is granted in any way by C.Beskow or Cub Arts Software.

1.4 copyrights

Amiga and everything associated with this computer is © Commodore- ←
Amiga Inc

PatchAlert
and its code is © C.Beskow – Cub Arts Software – 1994.
You may not disassemble the code and/or change it in any way.

1.5 requirements

You need one or more Amiga(s) to run this software :) , and OS2.0 ←
or
higher. You also need at least 2kB of free memory.
PatchAlert
won't work on
preOS2.0machines, so you better upgrade if you're still sitting on KS1.3...
KS1.2/1.3-version may come in the future..
(see
Future
for more details!)

1.6 CLI/SHELL usage

If you start
PatchAlert
form the CLI/SHELL, you've got 3 different options.

1.
PatchAlert
<return>

This will activate/deactivate
PatchAlert
. If you're running
PatchAlert
for
the first time, the Installed requester will appears. When started a second
time,
PatchAlert
removes itself, and displays the Removed requester.

2.
PatchAlert
NOREQ <return>

This work as
PatchAlert
<return>, but no requesters will be displayed. This
function is good if you put the program in S:user-startup.

3.
                    PatchAlert
                     INFO <return>

This will display some information. If patchalert is installed, the
Information requester will display where in the memory that the patch is
located.

1.7 Workbench Usage

                    The tooltypes supported is the same as the supported
                    CLI/SHELL
                     arguments.
If you place
                    PatchAlert
                     in your WBStartup-drawer, and set the tooltype to
NOREQ,
                    PatchAlert
                     will then perform a silent start. You can also set the
tooltype to INFO, which will display the Information requester for you.
Only the first tooltype will be used. There's no use to have INFO and NREQ
at the same time, as nothing will happen then... :)

If no tooltypes is set,
                    PatchAlert
                     will then behave like this:

If you want to Install/Remove
                    PatchAlert
                     via Workbench, so is this very
easy to do :) . Just double-click on the icon for
                    PatchAlert
                     . If
                    PatchAlert
                    isn't already installed, the Install requester will pop up. ←
                        Otherwise,
you'll see the Removed requester.

1.8 If activated..

                    If a
                    DEAD END
                     alert occurs, sometimes the Software Failure requester pops
up. Pressing the reboot-gadget will then invoke
                    PatchAlert
                     as described
below (if it's installed..)

If a program fails, and performs an
                    Alert

```
                 (), the PatchAlert AlertRequester
pops up and leaves three options:

     Perform
                Alert
                    Remove Task
     Continue Task

If you want to view the Guru-Meditation requester, so press Perform
                Alert
                .
If the alert is a
                DEAD END
                 alert, then this may reboot the machine.
```

Remove Task removes the failing program from the tasklist. If the program
have any screens or windows open, they'll remain open.

Continue Task performs the next instruction to be executed. This may result
in another alert or crash!

1.9 Distribution

```
                 If you're going to put this program on a compilation in any form,  ←
                   then the
archive MUST contain the following UNCHANGED files:


                PatchAlert
                            2336 bytes  -   the main program

                PatchAlert
                .info          465 bytes  -   its icon

                PatchAlert
                .guide      11112 bytes  -   this document

                PatchAlert
                .guide.info   855 bytes  -   my icon
   1.xusers.readme          94 bytes  -   textfile for pre2.0users
   pics/alertreq.iff      2680 bytes  -   example picture
   pics/informationreq.iff 8224 bytes  -   example picture
   pics/installedreq.iff   2010 bytes  -   example picture
   pics/removedreq.iff     1730 bytes  -   example picture
   pics/softfailure.iff    2380 bytes  -   example picture

If you're going to place
                PatchAlert
                 on any compilation etc. , please let
me know! (exceptions : Aminet )

     THIS PROGRAM MAY NOT BE SOLD! THIS IS A 100% FREEWARE PROGRAM!!
```

1.10   Test configurations:

```
              PatchAlert
               have been successfully tested on the following configuration(s):

    Amiga 2000C equipped with
         52 MB SCSI HD
         2 MB FASTMEM
         1 MB CHIPMEM
         2 DD-DRIVES
         PLAIN 68000 CPU
```

If you've got a different configuration, and excellent :) results, please
let me know! Thanks in advance..

1.11   Known Bugs:

Known bugs:

    Some DEAD END alerts isn't recognised. They still force the machine
    to reboot. :(

    No other bugs known.

1.12   history

```
              PatchAlert
               1.0 (27-05-94)
```

First release.
Bugs: See
              Known bugs

1.13   future

```
              Bug mentioned in
              Known bugs
               will be removed :)
```
New Options:
    - Windows and screens opened by removed program will be closed

1.14   comments

As english isn't my first language, this document may contain several
grammatical mistakes.... Sorry..

1.15 address

If you want to contact me for some reason, feel free to do it with ←
...

E-Mail : el9203@utb1.inh.hb.se

SnailMail :   C.Beskow -
                PatchAlert
                            Skomakarevägen 9
                S-510 10 Horred
                SWEDEN

N.B. The E-mail address is active until JUNE 1995

1.16 thanks

Thanks to (in no special order)

                F.Fridmar   -   Enchantments on my A2000
                Gunther Nikl   -   Help
                Sandra   -   Sleeping site
                Jörgen   -   Transports
                F242   -   Never Stop!
                FLA   -   No Limit (NOT 2 (un)limited)
                Kollberg   -   Siel Opera 6
                Stephen King   -   the books
                Skivhugget   -   cheap CD:s
                Åbro   -   XPP
                the inventor
                of MIDI   -   I'm connected!
                S.P.O.C.K.   -   everything
                Big B   -   advices
                IBM   -   the Important Bullshit Machines :)
                Motorola   -   680x0
                DM   -   Violator
                Mats   -   more Transports
                Pernilla   -   healing
                Nina   -   the umbrella
                Goff   -   Gnuff
                Mr.Bean   -   Both of u!
                You   -   You're using my software!!

                and the rest who I forgot....

1.17 DEAD END

A DEAD END alert occurs when your Amiga crashes as deep as possible. The
only way to solve this problem is to reboot...

Example of a DEAD END alert: $81000005

1.18 alert

Alert is an exec.library function with offset −108 (DEC) −$6c (HEX)

1.19 PatchAlert

PatchAlert is the SOFTWARE you're reading about.....

1.20 är

Example of a DEAD END alert: $81000005