

# **VirusWorkshop**

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**COLLABORATORS**

	<i>TITLE :</i> VirusWorkshop		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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**REVISION HISTORY**

NUMBER	DATE	DESCRIPTION	NAME

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## Chapter 1

# VirusWorkshop

### 1.1 Addy099 Trojan horse

```

                                Addy099 Trojan + it`s installer:
-----

Addy099.exe (9584 bytes unpacked)
c/dir      (2784 PP 2.3 mastermode)
           (8284 unpacked)
```

The Addy099.exe file is a classical trojan. It contains some code to write a new dircommand and to manipulate the following textfiles:

-Shell-StartUP (will be new created)

Contains:

```
wAiT 5
Echo Wait 5 >>Sys:S/sTarTup-sEquEncE
```

-User-Startup

Contains:

```
wAiT 5
```

-Startup-Sequence

Contains:

```
Prompt "aFraId ?..tHe fReAk wAs hEre 2 dEvEstAtE  NDOS:>"
wAiT 5
```

If VirusWorkshop detects the ADDY099 trojan, then please check this files too and use a texteditor (e.g. the great GOLDED) to correct the files. Thanx !

---

The new written dircommand is 2784 bytes long and was packed using the old powerpacker 2.3 in the mastermode.

The trojan(in dircommand) searches for the file:

```
'S:D-TECT_DOC_DISK'
```

If this file is not existing, then a reset will be performed. Otherwise some other code will be executed (via Dos EXECUTE()).

File\_ID.DIZ of this file:

```

_____
:                                     :
| _____ |
| \\\\/\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |
| \Addy\ver./0.99/// |
|  \\my\FIRST/// |
|  \Release EVER/ |
|  \\\\/\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |
|  ~~~~~~ |
|  ->>>bY tHe FreAk<<<- |
|      SysOp at |
|      »Money Talks« |
|      +44 ELITE ONLY |
|_____|
:                                     :

```

Detection testedt 28.01.1995.

```
The~document~for~this~trojan
" link "addy-099-doc" 0}
```

```
Warning~text~from~the~Virus~Help~Center~Denmark~!
```

## 1.2 ConMan-LoadWB+Installer

```
ConMan
LoadWB+Installer:
```

```
-----
Needs Kickstart V37.XXX or higher to work.
```

```
Trojan:      12088 Bytes
              (somekind of encryption tool, not packed)
new LoadWB : 2088 Bytes (packed with TurboSqueezer 6.1)
              (unpacked 2124 Bytes)
```

Archivname: dpl-dc99.lha

This trojan was linked using the  
4eb9~linker  
. Euronymous/TRSi tested  
this file and found the 4eb9 stuff and informed me, thanks a lot !!!  
The trojan searches for a task called "CLI(0):no command loaded" and  
creates a process under this name, if it is not existing.

A new LoadWB command will be written, which contains the destruction  
routine. It will be waited about \$5500 ticks and after this it will  
be checked for a file "s:conman". If this file is existing, the  
trojan will not work. If the file is not existing, it will be tried  
to format your sys: device. All data is lost, I am sorry to say this.

After the destruction process, a Intuition alert will pop up and  
show show you the following text:

```
,  
      CONMANS  
      SYSKILLER MESSAGE: YOU BETTER TAKE CARE DOODIE - '  
      'SOFTWARE-PIRACY IS A CRIME! '.
```

IMPORTANT: The virus tries to install a new process called  
"CLI(0): no command loaded", if this is not already existing  
(from system). I could not install this task on an A500+  
and on a A4000/40, so I could not write a repairroutine for  
it. Result: If VirusWorkshop finds this infected LoadWB file,  
THEN delete this file and reset your machine ! Thanks !  
You have \$5000/50/60 Minutes (+- 6 minutes) before this  
destruction part will be activated !!!

Detection tested 26.01.1995.

## 1.3 SMBX

SmBX Virus:

-----

This file is a trojan horse. The file (the shell-command from the  
SMBX mailbox system) contains an additional part, which installs  
the MOUNT virus. The file is 65488 bytes long.

Comment 19.02.1993.: I have heard that there exists 2 versions of  
this shell. Only one version should contain this virus.

## 1.4 Commander

---

## Commander Linkvirus:

-----

KS 3.1: yes MC68040: yes

KS 1.3: yes

- increases filelength by 1664 bytes
- Patched vectors:

DosOpen(), DosRename(), DosLock(), DosExamine(), DosExNext(),  
DosLoadSeg(), DosSetcomment(), DosSetProt()

No resetvectors will be changed by this virus !

First appearance of this virus: Scandinavia

The virus seems to be wide spreaden in the scandinavian countries. I have heard several reports from Sweden and Denmark.

Approximatly 1 month after the first appearance in denmark, the virus reached Germany and Switzerland, too.

This virus goes a similar way like the Dark Avenger viruses. It looks for a special longword in the first hunk and replaces it by a "JSR" command in its own code. The own code will be placed at the end of the first hunk. The code is crypted with a simple eor-loop, which depends of the rasterbeam.

The searched longword is a BSR or a JSR command and will be recalculated in the virus. VirusWorkshop is able to refix all the patched things. Special thanks at this point to Ingo Schmidt, who really helped me a lot...

The BSR.B commands will be not touched.

Special: It looks for the task "DH0". If this task is existing, it will be tried to infect the file "dh0:c/loadwb". The virus infects all files, which will be accessed using the patched functions. Possible protections from DOS will be removed by the infected files.

The patchroutine is quite complex (or complicated in other words).

This virus is quite similar in some routines to the Commander bomb on PC. I got this hint from one of the members of the VTC in Hamburg.

The following texts are double crypted and can be found at the end of the virus:

```
'-<( COMMANDER )>- by Bra!N BlaSTer in 1994'  
'DH0:C/LoadWB'  
'DH0'  
'dos.library'
```

'reqtools.library reqtools 38.888' (don't know what this is)

Detection tested 03.10.1994.  
(Memoryremoval and fileremoval)

Comment 4.1.1995: Only VT, VZ and VW (from the big viruskillers) remove the Commander virus correct. Another english speaking viruskiller (last update 31.12.1994) is not able to repair all the infected files.

There appeared another Commander viruskiller, which carries the whole virus !

Read-more~!

Comment 03.10.1994: It already exists another special Commander Viruskiller, but this viruskiller is not able to recalculate the jsr commands ! (1.4 is actual at this special thing)

Comment 19.10.1994: The repairroutine was a little bit buggy under special circumstances. Now fixed. Sorry.

Comment 24.11.1994: After a SHI member from DK wrote about the real Commander virus installer, I got it 2 two later from Jan Andersen (former SHI TEAM DK). This is the intro from RAGE and APEX. The original file is 64924 bytes long (I got it in Germany). The "installer" is 71800 bytes long and contains some additional CLI textroutines, which hide the virus. This is in my opinion NEVER the original installer, but VW 4.4 and higher will recognize it....

Comment 01.12.1994: A new installer appeared some days ago. This time it is (again) a production from Duplo(like dpl-de99, which I urgently need!).

This time it is a two disk AGA demo titled My mamy is a vampire. The virus can be found in the first file from disk 1, called Vampire.exe. The virus is included in the file and I don't know how it fiddled in the demo. Maybe some of the Duplo programmers can say this to me ?

The infector is 875778 bytes long, packed and somekind of OS enhancer was added before....

Comment 14.12.1994.: There seems to be guy around us, which spreads the fuckin' Commander virus.

But~read~for~yourself~!

## 1.5 Commander-Lame

---

In general I don't like to kick another viruskiller in ←  
this  
way, but I think in this special situation, I had to go this  
way !

Commander Viruskiller by Focus Design:  
-----

Filelength: 2252 bytes

This is a special viruskiller for the Commander Linkvirus,  
which was first spreaded in north countries like Sweden,  
denmark and other countries.

THIS VIRUSKILLER CONTAINS THE WHOLE VIRUS AND USES IT AS  
A CHECK REFERENCE ! BOYS ! STOP THIS SHIT ! YOU SPREADED  
A COMPLETELY WORKING VIRUS ! AN EVIL PERSON JUST HAS TO  
JUMP INTO THE CODE AND ACTIVATES THE VIRUS ITSELF !

The viruskiller can't repair the damages of the Commander  
virus in very large parts, cause the programmers did not  
understand the inner workings of this virus ! The entry-  
jump longword will be always replaced by a static longword  
from the viruskiller, which is pure bullshit (another well-  
known viruskiller is doing this in the same way) !

Click

here  
to get the document for the FD killer.

The viruskiller was released on 19.10.1994. At this time  
two of the major viruskillers (VT and VW) could repair  
already the Commander virus. No need for a buggy late  
version. Sorry guys in Focus Design, but your viruskiller  
contains a FULL virus and this is very near to the  
side of crime, because indirect you spread a virus in the  
public !

This programm is not direct an installer for the virus,  
but carries it completly and so I have no other possibility  
than to kick this viruskiller !!! It will be recognized as  
Commander Virus Inst. and removed ! Never seen such a bull#?&%  
before. Sorry guys in Focus Design but you have chosen the  
wrong way.

Detection tested 27.10.1994.

## 1.6 EL!Install

ELENI! Installer + ELENI! SysB file:  
-----

---

ELENI! sysb file:  
-----

This name is based on the location of this file: "sys:b"

This file is 1504 bytes long and contains the bootblockvirus and a little DOS startprogramm for it. Please read in the bootblockvirussection for more information about this virus.

ELENI! Installer:  
-----

Filelength: 1808 bytes (packed with  
TurboSqueezer~8.0  
)  
7100 bytes unpacked

This file pretends to be a viruskiller for the MessAngel virus. If you start the programm, the Startup-Sequence will be loaded and a new command will be placed in it. Due to extremly lame programming, there will be always saved 5000 bytes from the Startup-Sequence, even if it was only 1000 bytes long before. Then the file "sys:b" will be saved to disc and the following message will be shown on the screen:

```
'MessAngel killer by Docker of Twist!'  
'Checking startup-sequence...'  
'VIRUS FOUND AND REMOVED!!!'  
'Right to disable from memory!'  
'-----'
```

This text is a pure fake. For more information about the ELENI! virus, please read the description in the bootblock-virussection !!!!

Detection tested 30.09.1994.

Fake~document~from~the~installer

In the document there will be mentioned two ↔  
telephonenumber,  
which you can call, if you have problems with the fake  
viruskiller. This are , as far as I know, the numbers from  
the swedish DATOR magazine. Another hint that this virus was  
created somewhere in Scandinavia....

---

Comment 03.10.1994:  
-----

It appeared a special MessKill Repair programm (v0.9), which installs a new LoadSeg patch. This patch will be removed by VirusWorkshop, too.

Some~comments~to~Messkill~Repair~0.9

Special thanks to MFM/Skid Row for the first warning ←  
concerning

this virus !

## 1.7 ELcomm

Some comments from me (Flake/TRSi) to Coolorado/Corpse for the MessKill Repair 0.9:

-First of all you were the first to release such a repairtool for the damages of the ELENI! (messkill.lha) virus.

- 1.You check the DoIO vector only with 2 longwords. Too less in my opinion. Why don't you try to remove the patch ?
- 2.You search for the DosInstaller ("sys:b") only on the actual sysdevice. Better give the MessKill Repairer an option to select a device.
- 3.Argh. You install another patch for the LoadSeg vector instead of clearly removing the viruspatch. Your patch uses a direct memory access to the zeropage. Simply try to remove the patch like all the other killers.
- 4>Your code contains a lot of relochunk entries. It should be possible to code such a thing without any relocentry. Just think: Your sourcecode is for sure not longer than 8000 bytes, isn't it.

If you visit the Dooms Day party, we can talk about this virus....

## 1.8 EL!Doc

The document of this fakeviruskiller-virusinstaller:  
-----

Messangel killer.documentation

Introduction:

---



Are you having problems lately with strange files on your hd, sudden Guru Meditation etc, then you'd better test this program since there is a virus spreading around lately. First time (perhaps!?) found at Smaug BBS in Sweden. From there sent to me by Jimmy Elander (thanx!) and then disassembled by me to kill the shit!! And here it is, not the virus, but the killer!! This is the cure for all of you who suffered from it!

How does the virus act?:

This virus is a link virus which spreads like the plague!! It's probably mainly made to be infected to the Hd files because it doesn't respect that the save-media might be write protected! In case you boot with a diskette after the virus has been activated you'll very soon notice that it asks you to remove the write protection from the diskette! If you do so then it will infect various files on the diskette! Well, how can this virus be able to infect almost all files?! Simple, it patches the loadseg (dos l.) so that every file that bypasses this operation gets infected! It also copies itself into the startup-sequence of the active drive! Exactly what the virus does after infection I don't know but the important thing is that you can remove the virus from infected files!

How does this viruskiller work?:

This killer will first of all check your startup-sequence and if the virus is present also correct it! Then it will check if the virus is in memory and ask you to press right button to remove it! (No other option included!) Your machine will then reboot and next time you bootup the computer will make another Hard reset just to be 100% sure that the virus is gone! If no virus is present in memory you will be asked if you want to perform a total scan of files on sys:? If yes then it will scan through all files and remove possible infections!

If you find any bugs in this killer, please report them to me by calling the following number: +46 (0)8 6549950 or +46 (0)8 6546118

Now, go for the sucker!

-----

As far as I know at the moment (02.10.1994) the mentioned telephonenumber are from the swedish DATOR magazine. What for joke....

## 1.9 CMD-DOC

Document for this cool viruskiller: -----

\*\*\* "COMMANDER VIRUS" REMOVER \*\*\*

---

About one week ago, my computer suddenly started to lack memory, and attempts at multitasking usually resulted in a system crash. A closer inquiry revealed that this was not an infection by MicroSlug WinDoze, but the result of an infection by a link virus called "Commander" by a lamer called "Brian Blister".

None of our virus killers seemed to recognize the culprit, so there was no other option than writing our own. We advise that this archive be kept in the same dir as your usual virus killer, until it is updated to this virus, in which case our program will probably be obsolete. You need not read any further in the instructions, unless you run into the symptoms: - lack of memory (the virus patches AllocMem, as far as I figure) - slow loading of WorkBench (the virus is busy infecting everything) Be aware that if using directory cache, the 1664 extra bytes will not be visible for dirs.. the virus also patches dir readings etc.. and libraries, aargh!

Nevermind, should you get a RAM-sucking monster into your circuits, then..

KILL it!!

Using "Kill <fname>" will remove the virus from any infected executable file (while leaving all other files untouched). Turn off your computer first and boot without startup-sequence, of coz'! Remember that executing any infected file will load the sucker, too. "Kill" was not written for user-friendliness, so it will not respond with any error-messages.. sorry..

If you want to clean your entire harddisk, you could use our script and type "RemoveCommander <path>" (usually hd0: etc.). You will need to clean some commands in your c directory beforehand, check the script first.

Well. CREDZ: Research and virus remover by Coma/Focus Design. User Interface by Bigmama/Focus Design.

\*\*\* NOTE TO MANUFACTURERS OF ANTI-VIRUS PROGRAMS, SAFE HEX, OR WHOEVER: the source for this can be requested by writing a message to Coma at Metal Connexion +45 74435949 (3 ndz ringdown). Also, I can supply a copy of the damn thing, if you need it.. ok..

Typed by Coma on October 19th 1994

PS: We assume ABSOLUTELY NO RESPONSIBILITY for the functionality of this. It DID, however, work fine on Coma's A1200/no fastmem/320 MB HD. We see no reason that it shouldn't work on yours. Use at your own risk. Hope you won't be needing this :)

-----  
There is somekind of batchfile for this "fake" viruskiller existing...  
-----

Contents of LS: -----

```
.bra { .ket } .key killpath ask "Do ya want to get rid of the
Commander-virus?" if warn
  echo "Scanning dirs and sub-dirs..."
  list {killpath} pat ~(#?.info) files all lformat "kill %p%s" to
  "t:virusbefængtelamerfiler!"
  echo "Checking for Commander-virus by a nice lamer called Brian Blister..."
  resident kill kill
  execute "t:virusbefængtelamerfiler!"
  delete t:virusbefængtelamerfiler!
  echo "All done!"
  resident kill remove endif echo "Have a nice day!" echo "Bye.. bye!" echo
"Well, see you later!" echo "Okay, gotta go.." echo "So.. take care of
yourself, okay?" echo "I really gotta go now, ok!" echo "So that's it baby.."
echo "Sweet dreams!" echo "I'm outta here....."
```

## 1.10 t6661

6661 Formatter Trojan:

-----  
Filelength: 63140 bytes (unpacked)

other possible names: WbPrefs-Formatter-Fake

---

This is a simple trojan, which uses the  
Modemcheck~(Fuck)  
virus  
formatroutines to destroy data on several devices. The trojan  
installs a new process with the name: amigalib.process. This  
process causes this terrible damages. Many tracks will be filled  
up with the longword "6661". No rescue for the data on this  
damaged tracks is possible.

There must be an installer for this bastard hanging around !  
If you want to help us, then search for this. Thanks a lot.

VirusWorkshop will remove this new process NOT ! It will fill it up  
with NOPs. This should be ok in this way...

Detection tested 26.09.1994.

## 1.11 Purge

Purge Installer + Purge Virus:  
-----

Purge Installer: length 9812 (imploded)  
14862 (unpacked)

Purge Virus: length 5300 (imploded)  
14776 (unpacked)

(VirusWorkshop recognizes all the files)

This is a simple trojan with manipulates all .info files on  
the started device. The virus installs it's code on every  
reachable device and changes the sequences, so if you have  
found this virus, then check your User-Startup, Startup-  
Sequence (the added string will be mentioned later).

If the virus installed itself completely, the later mentioned  
text will appear. The virus itself is very lame coded/optimized  
and was probably written in AMIGA-E.

All manipulated/new created files:  
-----

'DH0:WBStartup/Purge',0  
'DH1:WBStartup/Purge',0  
'DH2:WBStartup/Purge',0  
'DH3:WBStartup/Purge',0  
'HD0:WBStartup/Purge',0  
'HD1:WBStartup/Purge',0

---

```
'HD2:WBStartup/Purge',0
'HD3:WBStartup/Purge',0
'DF0:WBStartup/Purge',0
'DF1:WBStartup/Purge',0
'DF2:WBStartup/Purge',0
'DF3:WBStartup/Purge',0
'A:WBStartup/Purge',0
'B:WBStartup/Purge',0
'DH0:C/Purge',0
'DH1:C/Purge',0
'DH2:C/Purge',0
'DH3:C/Purge',0
'HD0:C/Purge',0
'HD1:C/Purge',0
'HD2:C/Purge',0
'HD3:C/Purge',0
'DF0:C/Purge',0
'DF1:C/Purge',0
'DF2:C/Purge',0
'DF3:C/Purge',0
'DH0:S/User-Startup',0
'DH1:S/User-Startup',0
'DH2:S/User-Startup',0
'DH3:S/User-Startup',0
' HD0:S/User-Startup',0
'HD1:S/User-Startup',0
'HD2:S/User-Startup',0
'HD3:S/User-Startup',0
'DF0:S/User-Startup',0
'DF1:S/User-Startup',0
'DF2:S/User-Startup',0
'DF3:S/User-Startup',0
'DH0:S/Startup-Sequence',0
'DH1:S/Startup-Sequence',0
'DH2:S/Startup-Sequence',0
'DH3:S/Startup-Sequence',0
'HD0:S/Startup-Sequence',0
'HD1:S/Startup-Sequence',0
'HD2:S/Startup-Sequence',0
'HD3:S/Startup-Sequence',0
'DF0:S/Startup-Sequence',0
'DF1:S/Startup-Sequence',0
'DF2:S/Startup-Sequence',0
'DF3:S/Startup-Sequence',0
```

Name/Size of the new opened window:

```
'con:70/64/500/128/ Antipirat/NOSIZE/NODRAG/NODEPTH'
```

Text written in this window:

```
"Friend of Terminator is there !!!"
"ANTIPIRAT"
" Power of Destroying !!!"
" My ultimate answer against all the fucking"
" softwarepirats !"
```

```
" Hi Anatol,Cycledom,Primitive,Björn,Dead Homer, Brian, "  
"   Gigant,Termination 8,Hardball & Slimeck"  
" Worked on all available devices...!"  
" Ready..."
```

The following files will be manipulated on the devices:

```
' .INFO'  
' DISK.INFO'
```

The following string will be added to the sequences:

```
'Run >NIL: Purge'
```

Text at the end of the installer:

```
'FUCK=YES'
```

Detection tested 19.09.1994.

## 1.12 Fileviruses, Linkviruses, Trojans and Disk-Validator Viruses...

The following viruses will be detected by Virusworkshop :

-----  
Fileviruses, Trojan horses and link viruses:  
-----

```
-z-Speed.lha~Virus  
  
$4EB9~Files  
  
6661~Formatter~trojan  
    Acid Infector 1.5  
  
Aram-Doll linkvirus  
  
/X~Fucker~Linkvirus  
  
Ablank11 Trojan  
  
AmosAGA~Trojan
```

---

Ahkeym-Trojan  
AAA~Enhancer~Bomb  
Addy099~Trojan~+~Installer  
ATARI  
A.I.S.F.~Virus  
AmiPatch10  
    Amiga Knight  
AFFE2 linkvirus  
Alien~Trojan~Horse  
Antichrist (Jack~Clone)  
AeReg~3.9~Virus  
BootX~Recoqfile~Updater~fake~virus  
Bossnuke~1.5+Formatter  
Bestial~Devastation  
    Beethoven  
Butonic~4.55  
Aibon~1+2 (created~by~Express~2.20)  
    Aibon~Installer  
AmiExpress~ (ZK3.20) ~Virus  
BURN~Virus~1+2  
BBS Traveller linkvirus  
    Blided6  
B.E.O.L.~linkvirus  
BEOL96 linkvirus  
    BGS9 5 Versions  
Bret\_Hawnes  
Byte Parasite 1-3  
    BlueSky1 (same as FLT-1996)  
    BlueSky2 (same as all the TP5 trojans)  
Butonic.virus  
    Bloody.Exe~Conman~1995~Installer  
    Butonic1.31  
Cryptic~Essence~Linkvirus

---

COP~Trojan~Typ~A-F  
Biomechanic~Trojan  
BIO-Warn.1ha~(Biomechanic~Trojan)  
Butonic3.00  
Creeping~Eel~Installer  
Cascade~2.1~Installer  
Commander~Linkvirus  
CED~4~(COP~Typ~B~Trojan)  
ComKill16~Trojan~(WireFire)  
ConDom1.5~trojan~(DaJoker)  
CheckMount~Trojan  
ConMan1995~Linkvirus~+~Installers  
    Conclip Trojan  
CCCP  
Creator~V1.0~and~V1.1~trojans  
    Centurion (Smilie Cancer) 1-2  
Copy\_LX~1.03~Trojan  
Compuphazygote  
    (12 different types !)  
CCHack~AmiExpress~Trojan  
    Crime  
Crime++ (created by Driveinfo!)  
Christmas  
Crime92~1+2+3  
    Challenger\_Trojan  
Chaos Master 0.5  
Commodore  
    ConMan HD Faker + ConMan KeyM  
ConMan (Dir~Virus~Installer)  
ConMan (Dir~Virus)  
ConMan (LoadWB) +~Installer  
ConMan (LoadWB) +~Installer2  
ConMan (ARTM~2.3~fake)

---



ConMan (World-Clock~1.16)  
ConMan (Hack) ~Trojan~+~installer  
Combo~Loop~Trojan  
COP-Quarterback  
COPKiller~1.1~trojan~ (COP~Typ~E)  
CLP\_WOW.exe~Virus  
ComaVirusMaker  
DaJoker~Trojans  
Dlog~1.8  
Dialer~2.8g  
Dark~Avenger~Link~Virus~A+B  
DiskVal1234  
DayDream 1.20 + DayDream 1.20 Server  
Devil-Zinel0~BBS~Hacker  
Devil-VScan~AmiExpress~hacker  
Decompiler~Virus  
DeTag063 Trojan  
DemoManiac 2.19 Trojan  
Doom~Installer+Trojan  
Degrad~Trojan  
Diropus  
Debugger~Virus  
Digital~Dream~Installer  
Darthvader1.1  
Disktroyer~V2.0~Virus  
Description~4.0~Virus  
Disksalv~3.01~Loader~Fake  
DriveInfo  
DMV05.exe (see at the COP section)  
D-Structure a-c  
DAG~Installer  
disk.info\_defekt  
Disktroyer\_V1.0

---

DMS~2.13~Trojan  
DMS~2.06~Trojan  
    DisasterMaster2  
DisasterMaster2~Installer  
Excreminator\_1  
Excreminator~Installer  
Express2.20  
Easy-E~BBS~trojan  
East~Star~Installer  
ELENI!~Installer  
Ebola~Linkvirus  
Ebola-II linkvirus  
    EMWurm Logic Bomb!  
ExHack Trojan  
FLT-1996 Trojan (same as BlueSky1)  
Fileghost~Virus~Installer  
Fileghost~Virus~Installer-II  
Fileghost~LinkVirus~I+II  
Fileghost3~Linkvirus  
Future~Tracker~Trojan  
    Freedom-FileVirus  
G-Zus~Packer~Bomb  
GVP-HS15.lha~Trojan  
    Gotcha\_Lamer\_Bomb!  
Gotcha\_Lamer\_Bomb! Installer  
Golden\_Rider  
Gath95-!~ (Achtung.exe) ~trojan  
Hitch-Hiker 1.10 linkvirus  
Hitch-Hiker 3.00 linkvirus  
Hitch-Hiker 3.00 installer  
Hitch-Hiker 4.11 linkvirus  
HD~Toolbox~40.9~Trojan~ (WireFace~Typ~C)

---

Happy\_New\_Year\_96/97 linkviruses  
Infiltrator Link Virus

Illegal~Acces~Linkvirus  
Installer of Datalock

Invader linkvirus

IStrip~2.1~BBS~Trojan

Infected~Diskrepair

Infected~WhiteBOX  
IRQ.LINK 1+2

Icon~(Depth~1.3)~Trojan

JiZAnsi~1.2~Gagvirus

Karacic~Trojan

Kef\_Ani.lha~Virus

KAKO~Loadwb~Virus

KidCurry~Trojan  
lamerVirusX

LSD-WHVO Trojan

LSD-AEC1~Trojan~(AmiHacker~==~WireFace~Typ~D)

LHA30~(COP~Typ~B~Trojan)  
LAMER\_Trojan\_Horse (Lamer LoadWB)

LoadWB~Intel~GAG  
liberator.LINK (Memcheck 3.0)

LZX~1.20T~(WireFace~Typ~C)~Trojan

LZX~1.20T~Bugfix~(Biomechanic~Trojan)

LZX~1.30~Trojan~(COP~Typ~F)

LHA~Check~1.1~BBS~Trojan

Liberator~5.01~Virus

Liberator~3.0~Virus

Lamerfry~1.3b~Virus

LamerKiller~Virus

LZ~Virus

Labtec~Trojan

---

---

Look!~BBS~Trojan

LHA~V3~BBS~Trojan  
LamerExe  
LamerExe TNM crunched

LSD\_Ae42.lha Trojan

LZX~1.25~Trojan~(COP)

Leviathan

Lummin~Virus

M\_Chat~Virus

Megalink

Master-WHO~/X~Backdoor

Merry.Exe~/X~BBS~Virus

Menems\_Revenge~1+2

Mount

Mount-972~linkvirus~(=B.E.O.L.~linkvirus)  
Modem Virus Bluebox!

Modemcheck~Virus~Loadwb

Modemcheck~Virus~Installer  
Metamorphosis

M-HAC~ConMan1995~Installer

Infected~MuiGui

MST-Vec~Formatter~Viruses  
MsgTop

Mongo09.exe

Mongo05.exe  
NOGURU

NewMCI

NewAge  
NightMare (Filecheck)

Nano~][~Virus

NANo

NANo~][

---

---

NAST

Nibbler linkvirus

NComm~3.2~Trojan~(NComm3.2-Cop~Typ~A~Trojan)

Phantom linkvirus

PStats

PHA-1994.exe

Pam-S Trojan  
Powerpacker 3.2 Logic Bomb!

PB-Party Trojan

PDY-SG~Installer

Purge~Virus+Installer

Polyzygotronifikator~Link~Virus

PP~Bomb~Clone~(DIED)

PP~Bomb~Clone~(Megamon)

PP~Bomb~Clone~(MMaster~1.7)

Promoter1~Virus~(DV)

QRDL~V1.1

Rastenbork~Installer  
RetLamer

RevLamer 1+2

Revenge~of~NANO~I+II  
Rob-FILEVIRUS

Rootformatter-DV

Red~October~1.7~Linkvirus

Saddam~Diskvalidator~Virus~1-10

Swiftware~0.98  
Sepultura

Scanlink~(Wireface~Typ~B)~Trojan

Surprise~Virus

Sumpf~Gag~Code

Scansystem~Trojan

---

SeekSpeed~Trojan

Sepultura~2.26~Virus

Susi Drive Stepper

Stockmarket~Virus~(?)

SS~Skid~Row~bomb  
SCA Dos Kill Virus

Show~Sysop~BBS~Trojan

Sensible~Golf~HD~Installer

Swifter 2.5 Trojan

Super Nova Viruskiller

Strange Atmosphere linkvirus

SMEG linkvirus  
SnoopDos 2.1 Virus

SPEEDCHECK

SnoopDos~1.6~Virus

SnoopDos~1.9~Virus

SmBX  
SCSI (\$e741)

TAI~10~Installer

ToolsDaemon~2.2~Fake

Telecom

TROJAN~3.0

Topdog~Trojan~Horse

TRSi-MEM.lha~Trojan~(IconD+Biomechanic)  
Travelling Jack 1+2  
(There are only 2 version! Jack 3 is not existing! Some people did not recognize that the Jack viruses are able to change their length!)

Timebomb\_Info\_Bomb\_7840

TRSi-INS~fake~trojan

Timer\_Virus

Installer~of~Timer\_Virus

---

```

        T.F.C._Revenge
            Terrorists
Timebomber
Trabbi
TurkCarrier.virus

        UaDialer~6.2~Virus

        Ulog~1.8
            Vkill 100 Virus

        VCKey110~Trojan

        VCS-I+II~Installer
            VirusTest (TimeBomber)

        VMK~3.00~Trojan

        Vtek22~linkvirus~Typ~A~+~Typ~B~+~installer

        VirusMaker~1.0

        VirusZ_II~1.02~fake~virus

        VirusHunter~Joke

        VirusChecker~6.4~Fake~Virus

        VirusChecker~6.60~Fake~Virus

        VirusWorkshop~5.0~Trojan
            VirusBlast.2.3!
Virus_Test_Bomb_936
VTerminator
WVT Trojan (LSD-WHVO)

        WireFace~Typ~C~Trojan

        WireFace~Typ~G~Trojan
            Xeno
XCopy65E
XPRZSPEED3.2 Trojan horse
XRipper

        XACA~Virus

        Zapa~Adder

        ?~No~Name~?~+~Installer~
            --- 329 Link/Trojan/Validator Viruses ---

```

## 1.13 nibbler

```

Entry.....: Nibbler
Alias(es).....: Nibbler 1.0B

```

Virus Strain.....: -  
Virus detected when.: November 1996  
                  where.: Germany  
Classification.....: Linkvirus,memory-resident, not reset-resident  
Length of Virus.....: 1. Length on storage medium:          924 Bytes  
                                  2. Length in RAM:                  924 Bytes

----- Preconditions -----

Operating System(s)..: AMIGA-DOS Version/Release.....: 2.04+ (V37-V40)  
Computer model(s)...: all models/processors (MC68000-MC68060)

----- Attributes -----

Easy Identification.: -

Type of infection...: Self-identification method in files:

- none

Self-identification method in memory:

- none

System infection:

- LoadSeg() of Dos Library will be patched. If the port of VirusZ is existing, the patched Loadseg vector will be removed from memory.

Infection preconditions:

- DosTouch is not in memory
- the to be infected file does not start with XT, VI,VW, VT,VC,VZ, MD or MI
- HUNK\_HEADER is found
- device is validated
- 50 free blocks

Infection Trigger...: Starting an executable file.

Storage media affected:  
                  all DOS-devices

Interrupts hooked...: None

Damage.....: Permanent damage:  
                  - none

                  Transient damage:  
                  - an entry jump will be placed

Damage Trigger.....: Permanent damage:

---



- none  
 Transient damage:  
 - infecting a file

Particularities.....: The crypt/decrypt routines are aware of processor caches. The virus is incompatible to the new versions of EXEC, as it uses some commands only legal in V37-V41 versions of the task handling.

Similarities.....: Infection of files is done with the normal "link after first hunk" system with afterwards installing an entry jump.

Stealth.....: none

Armouring.....: None

----- Agents -----

Countermeasures.....: VW 6.4 and VT 2.93  
 above Standard means.....: -

----- Acknowledgement -----

Location.....: Hannover, Germany 29.12.1996.  
 Classification by...: Markus Schmall  
 Documentation by...: Markus Schmall (C)  
 Date.....: Dec, 29. 1996  
 Information Source..: Reverse engineering of original virus  
 Copyright.....: This document is copyrighted and may be not used  
 in any SHI publication

===== End of Nibbler Virus =====

## 1.14 smeg

Entry.....: Smeg  
 Alias(es).....: -  
 Virus Strain.....: -  
 Virus detected when.: 19 September 1996  
                   where.: Belgium and France  
 Classification.....: Linkvirus, memory-resident, not reset-resident  
 Length of Virus.....: 1. Length on storage medium:          1900 Bytes  
   (uses a very simple engine)  
   2. Length in RAM:                          2800 Bytes

----- Preconditions -----

Operating System(s) .: AMIGA-DOS Version/Release.....: 2.04+ (V37-V40)

Computer model(s)...: all models/processors (MC68000-MC68060)

----- Attributes -----

Easy Identification.: -

Type of infection...: Self-identification method in files:

- uses a bug in BSTR routine from filecomment() for the stealth routine

Self-identification method in memory:

- checks a special area from the TaskWait list

System infection:

- A new task will be set up with the name of the last found library in the list. For the taskname there are 4 bytes reserved, but due to a programming bug, even longer names can be created (e.g. keymap)
- All devices with inserted volumes will be infected and a new taskcode will be inserted. The first parts of the code look like a BEOL code, but the rest is different.

Infection preconditions:

- HUNK\_HEADER is found
- HUNK\_CODE is found
- device is validated
- 10 free sectors
- filename does not start with "Vir"
- file is bigger than 8000 bytes
- file is smaller than 131072 bytes

Infection Trigger...: The infection is based on the packet handling system of AMIGA OS. Every started file will be infected. All synchron dos commands are affected.

Storage media affected:

all DOS-devices

Interrupts hooked...: None

Damage.....: Permanent damage:

- none

Transient damage:

- none

Damage Trigger.....: Permanent damage:

- none

Transient damage:

- infecting a file
-

Particularities.....: The crypt/decrypt routines are aware of processor caches. The cryptroutine is a simple polymorphic decryptor and consists of some static logical stuff. The packet handling works in even on the new developer OS versions.

The virus tunnels doscall watcher like SnoopDos etc. by using only lowlevel packet routines.

If the accessed file starts with the string "VIR" (doesn't depend on big or small letters), the file will be not infected.

Similarities.....: The link method is the normal "hunk 1 add" method invented by IRQ Team V41. The way of infecting the system is comparable to the first both BEOL linkviruses. The entry jump calculation is an advanced "JSR" search system (with easy bugs).

Stealth.....: No stealth engine

Armouring.....: The virus uses a static decryption block for its code and only the cryptvalues differ.

The known Resource has some problems to resolve some entry points. IRA and D68k have no problems with that.

Comments.....: At the end of the crypted block you can read:  
'Smeg! It''s a Hostile TakeOver!'  
'(Better call Markus!).'

It differs to other known packet linkviruses in the point that the control will be made via AllocDosObj.

VirusWorkshop deactivates the memorycode from the virus and stops the infection by patching some values directly in the code. After removed all viruses, please reset, as the patch has to be removed 100%.

----- Agents -----

Countermeasures.....: VW 6.3  
above Standard means.....: -

----- Acknowledgement -----

Location.....: Hannover, Germany 22.09.1996.

Classification by...: Markus Schmall

Documentation by....: Markus Schmall (C)

Date.....: Sep, 22. 1996

Information Source..: Reverse engineering of original virus

Copyright.....: This document is copyrighted and may be not used  
in any SHI publication

=====  
===== End of Smeg Virus =====

## 1.15 beol96

```
Entry.....: Beol`96
Alias(es).....: Beol-4, Beol-Poly
Virus Strain.....: -
Virus detected when.: August 1996
                    where.: Germany, USA, ISRAEL, UK and Netherlands
Classification.....: Linkvirus,memory-resident, not reset-resident
Length of Virus.....: 1. Length on storage medium:      ca. 2000 Bytes
                    (uses a highly polymorphic engine)
                    2. Length in RAM:                    3000 Bytes

----- Preconditions -----

Operating System(s)..: AMIGA-DOS Version/Release.....: 2.04+ (V37-V40)
Computer model(s)...: all models/processors (MC68000-MC68060)

----- Attributes -----

Easy Identification.: -

Type of infection...: Self-identification method in files:

- uses a bug in BSTR routine from filecomment() for
  the stealth routine

Self-identification method in memory:

- none

System infection:

- WaitPKT entry of the DOS processes. This pointer
  will be normally not used and is set to zero.
  The idea behind this pointer is a replacement
  for the standart WaitPkt routine from the OS. In
  other words: The programmer of this virus made
  a compatible code to WaitPkt().

Infection preconditions:

- HUNK_HEADER is found
- device is validated

Infection Trigger...: The infection is based on the packet handling
                    system of AMIGA OS. Every started file will be
                    infected. All synchron dos commands are affected.

Storage media affected:
                    all DOS-devices
```

---

Interrupts hooked...: None

Damage.....: Permanent damage:  
- none

Transient damage:  
- crypts first word in the first original hunk.  
So we have to decrypt the whole virus to get the  
original longword for the decryption code.

Damage Trigger.....: Permanent damage:  
- none  
Transient damage:  
- infecting a file

Particularities.....: The crypt/decrypt routines are aware of processor  
caches. The cryptroutine are highly polymorphic (level4)  
and consists of some logical stuff. The packet handling  
works in even on the new developer OS versions and  
uses the extended packet commands from AMIGA OS.

The virus is incompatible to the new versions of EXEC,  
as it uses some commands only legal in V37-V41 versions  
of the task handling.

The virus tunnels doscall watcher like SnoopDos etc. by  
using only lowlevel packet routines.

Similarities.....: The link method is the normal "hunk 1 add" method  
invented by IRQ Team V41. The way of infecting the  
system is comparable to the first both BEOL linkviruses.

Stealth.....: FIRST working directory stealth code in a virus. It  
uses a trick with the filecomment to mark the files,  
which has to be shown as uninfected.

- The way of storing the original values is at the  
moment UNKNOWN -

The stealth engine is a so called Directory stealth  
system. It catches the list calls and give the system  
the uninfected length of the files back. If such a  
file will be loaded into an editor, the infected  
file is in the buffer. The most modern PC viruses are  
one step ahead and give even the editor the original  
file (N8ghtFall = Wedding).

Armouring.....: The virus is heavily armoured with a random layered  
polymorphic decryptor. The decryptor activates all x  
layer decryptors in a row and uses always different  
logical stuff. The virus uses antidebugging and anti-  
heuristik stuff to irritate the analyser. The most  
operations will be done using the stack. The headers  
have always a different length, the only solid state  
command is a "movem.l d0-d7/a0-a6,-(sp) = \$48e7ffffe"  
at the beginning of the hunk. Internally the virus  
uses the StackBase trick (bsr xx, Jumtable,xx: pop a0)

to irritate the analysers.

Some parts of the code will be manipulated online (data reuse) and the polymorphic engine will be created in a stack area. This function refuses to work properly in a testsuite.

The crypt routine can be seen as "state of the art" on AMIGA systems at the moment. The level 4 polymorphic header makes it nearly impossible to recognize this virus by a normal recognition. It's not possible to use any RAID technology (see HitchHiker3) to decode the mainblock of the virus.

We are now doing a heuristik recognition using some characteristics of the virus and then start the whole emulation process to recognize the virus by name.

Comments.....: Maybe the first virus, which makes it necessary to do a complete CPU emulation. The first working CPU emul. was used to decrypt the Cryptic Essence linkvirus by VirusWorkshop. Other good viruskillers like VT and VZ used the original decrunchcode in their repaircodes.

VIRUSWORKSHOP RECOGNIZES THE BEOL96 LINKVIRUS ONLY ON SYSTEMS WITH A 68020 OR HIGHER PROCESSOR.

----- Agents -----

Countermeasures.....: VZ 1.34, VT 2.89 and VW 6.3  
above Standard means.....: -

----- Acknowledgement -----

Location.....: Hannover, Germany 18.09.1996.  
Classification by...: Georg Hoermann and Markus Schmall  
Documentation by....: Markus Schmall (C)  
Date.....: Sep, 18. 1996  
Information Source..: Reverse engineering of original virus  
Copyright.....: This document is copyrighted and may be not used  
in any SHI publication

===== End of Beol'96 Virus =====

## 1.16 affe2

Affe2 linkvirus:  
-----

It's a rather simple linkvirus adding \$4b0 bytes at the end of the first hunk. Link technic is the known technic from Mutation Nation, Strange Atmosphere, Infiltrator.

---

- no special tricks used
- not cacheproof
- damage code comparable to Strange Atmosphere

Changed vectors: DoIO() and LoadSeg()

Selfrecognition code in memory : AFFEAF FE in the LastAlert() ptr.

(This thing is so extremely lame, no need to write a more precise document !)

## 1.17 Hitch Hiker 4.11

```
Entry.....: HitchHiker 4.11
Alias(es).....: CopyCat Decruncher 1.01
Virus Strain.....: -
Virus detected when.: Febuary 1997
                    where.: Germany and Italy
Classification.....: Linkvirus,memory-resident, not reset-resident
Length of Virus.....: 1. Length on storage medium:      ca. 3052 Bytes
                    2. Length in RAM:                3500 Bytes

----- Preconditions -----

Operating System(s) .: AMIGA-DOS Version/Release.....: 2.04+ (V37-V40)
Computer model(s)...: all models/processors (MC68000-MC68060)
                    The virus heavy problems with the 060 cache

----- Attributes -----

Easy Identification.: -

Type of infection...: Self-identification method in files:

                    - length of hunk 1

                    Self-identification method in memory:

                    - test for the changed jump command from
                      Exec PutMsg() and a longword in the trapcode.

                    System infection:

                    - The entryjump of Exec PutMsg() will be patched
                      to a trap code.
                    - A new trapcode will be installed.
                    - a process with a library name will be started,
                      which installs the patches again

                    Infection preconditions:

                    - HUNK_HEADER is found
                    - device is validated
```

---

- to be infected file is bigger than \$be8
- 10 free diskblocks

Infection Trigger...: The infection is based on the packet handling system of AMIGA OS. Every started file will be infected. All synchron dos commands are affected.

Storage media affected:  
all DOS-devices

Interrupts hooked...: A trapvector in the vectorbase will be changed

Damage.....: Permanent damage:  
- none

Transient damage:  
- The stealth/fileinfect engine performs a wrap around copy of the originalfile as we saw it already in the BEOL3 virus, which source was made public by the programmer.

Damage Trigger.....: Permanent damage:  
- none  
Transient damage:  
- infecting a file

Particularities.....: The crypt/decrypt routines are not 100% aware of processor caches. The packet handling works in even on the new ← developer OS versions, but some codes have problems with task ← functions.

The virus is incompatible to the new versions of EXEC, as it uses some commands only legal in V37-V41 versions of the task handling.

The virus tunnels doscall watcher like SnoopDos etc. by using only lowlevel packet routines.

Similarities.....: The link method has been seen in the BEOL3 linkvirus already. A new hunkheader will be added and the origfile will be seen as datahunk. In this way the virus doesnt need to perform a errorfull hinkcorrection. The first codehunk contains the virus itself.

Stealth.....: Second working directory and file stealth code in a virus.

Armouring.....: The virus is not armoured with a special tricky crypting code. By adding the strings "CopyCat Decruncher 1.01" and "FLK!" and "-TRSi-" the virusprogrammer wanted probably hide his actions as the first 20 bytes of the hunk could really look like an unpacker.

Some parts of the code will be manipulated online (data reuse) and some functions refuses to work properly in a testsuite.

---



Specialities.....: As always the virus contains a crypted part:

```
'The Bastard is Back!',$0A
'The Hitch-Hiker',$0A
'- Version 4.11 ','$0A
'Greetings going like a scrolltext in the sky to:'
'Georg, Heiner, Markus, Johann, Pius, Zib, Ariel,'
'InFekt, UFO and all the guys on #amielit'
'Not yet deactivated by Flake!'
```

The last string depends probably on my removal code for the hitchhiker 3 linkvirus, which overwrote parts of the virus with a special other string.

----- Agents -----

Countermeasures.....: VT 2.95, VW 6.5  
above Standard means.....: -

----- Acknowledgement -----

Location.....: Hannover, Germany 01.03.1997.  
Classification by...: Markus Schmall  
Documentation by...: Markus Schmall (C)  
Date.....: Mar, 01. 1997  
Information Source..: Reverse engineering of original virus  
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===== End of HitchHiker 4.11 Virus =====

## 1.18 Hitch Hiker 3.00 Installer

Lately the HitchHiker 3.00 linkvirus appeared and everybody was searching for an installer. One day for the release of VirusWorkshop 6.2 the archiv patchhh.lzx with the following File\_ID.DIZ arrived at my place:

```
PatchHH 1.0 by ZIB. This anti-virus util
will stop the propagation of all known
Hitch-Hiker viri. (1.10/2.01/3.00).
Not THAT user-friendly but it was made in
a fucking hurry.....(So no local support
! :))
```

...

I was very surprised, because ZIB was the fourth name in the dedicated list of HitchHiker 3.00 and I don't know that person.

The document looks like this:

```
-----
Here's a little utility that will stop the propagation of the Hitch-Hiker
virus series (currently 1.10/2.01/3.00).
This proggy will write $ABBAFAB4 into Exec's LastAlert so the viri mentioned
above will not start their devious work. When a version of HH is already
active you'll get a warning.
```

```
It's better of course to get the latest virus-killer. Like VirusZ or VT,
however at the time I wrote this proggy only VT recognised 2.01 and none of
them 3.00. Hope I spared you a lot of probs with this proggy :)
```

ZIB.

```
Sounds like a viruskiller. In reality some names of C: programmms will be
decrypted (including the string United ForceS...WHY ALWAYS UFO ????) and
this files will be infected from this nasty linkvirus.
```

Detection tested 20.07.1996.

## 1.19 Hitch Hiker 3.00

```
Entry.....: Hitch Hiker 3.00
Alias(es).....: none
Virus Strain.....: -
Virus detected when.: 13.07.1996
                    where.: Germany, USA, ISRAEL
Classification.....: Linkvirus,memory-resident, not reset-resident
Length of Virus.....: 1. Length on storage medium:      ca. 3020 Bytes
                    (uses a polymorphic technic)
                    2. Length in RAM:                  8000 Bytes

----- Preconditions -----

Operating System(s) .: AMIGA-DOS Version/Release.....: 2.04 and above (V37+)
Computer model(s) ...: all models/processors (MC68000-MC68060)

----- Attributes -----

Easy Identification.: none

Type of infection...: Self-identification method in files:

                    - none

                    Self-identification method in memory:

                    - searches for $FAB4FAB4 at LastAlert(Exec)
```

## System infection:

- infects the following functions:  
  Dos LoadSeg(), Dos Write()

(librarychecksum will be recalculated and it will be tried to cheat some viruskillers)

## Infection preconditions:

- HUNK\_HEADER and HUNK\_CODE are found
- device is validated
- 10 free blocks on the device
- hunk\_code must contain the same length as in the header.
- File must be between \$1f40 and \$20000 bytes (not working)

Infection Trigger...: Accessing files via LoadSeg() or Write()  
It's a typical infector. It cannot be rated as fast infector as it only infects at the above mentioned operations.

## Storage media affected:

all DOS-devices

Interrupts hooked...: None

Damage.....: Permanent damage:

- Due to a adressaccess behind the viruscode it's possible that trashed code results out of an infection.

Transient damage:

- none

Damage Trigger.....: Permanent damage:

- none

Transient damage:

- None

Particularities.....: The crypt/decrypt routines are partly aware of processor caches. The cryptroutine are polymorphic and consists of some logical stuff. The virus uses some special things at the fileinfection (buggy) and at the library offsetcode.

Similarities.....: Link-method is comparable to the method invented with the infiltrator-virus and the first HitchHiker viruses.

Stealth.....: no stealth function found. the only things to mention is the library negoffset value.

Armouring.....: The virus is heavily armoured with a \$100 byte long polymorphic decryptor. Not only the registers are changing, even the operations will be mixed. This polymorphic routine can be seen right now as one of the best available routine for the AMIGA. The routine mixes a lot of codes and uses a normal polymorphic scheme. No slow polymorphism code was found. The decrypt

---



```
----- Preconditions -----
Operating System(s):: AMIGA-DOS Version/Release.....: 2.04 and above (V37+)
Computer model(s)...: all models/processors (MC68000-MC68060)

----- Attributes -----

Easy Identification:: none

Type of infection...: Self-identification method in files:

- none

Self-identification method in memory:

- searches for $ABBAFAb4 at LastAlert (Exec)

System infection:
- infects the following functions:
  Dos LoadSeg(), Dos Write()

(librarychecksum will be recalculated)

Infection preconditions:
- Device must have more than 8000 sectors and
  is smaller than $20000 bytes or file is
  bigger than $8000 bytes
- HUNK_HEADER and HUNK_CODE are found
- device is validated
- 10 free blocks on the device
- hunk_code must contain the same
  length as in the header.

Infection Trigger...: Accessing files via LoadSeg() or Write()
Files containing a "." or a "-" will be not
infected.

Storage media affected:
all DOS-devices

Interrupts hooked...: None

Damage.....: Permanent damage:
- none
Transient damage:
- none

Damage Trigger.....: Permanent damage:
- none
Transient damage:
- None

Particularities.....: The crypt/decrypt routines are partly aware of processor
caches. The cryptroutine are non polymorphic and only
consists of some logical stuff. The virus uses some
special things at the fileinfection (buggy) and at the
```

---



Computer model(s)...: all models/processors (MC68000-MC68060)

----- Attributes -----

Easy Identification.: none

Type of infection...: Self-identification method in files:

- Searches for \$ab1590ef at the end of the first Hunk.  
(this longword comes from the EBOLA-I virus)
- Searches for \$24121996 at the end of the first hunk  
(selfrecognition)
- Searches for \$1080402 at the end of the first hunk  
(this is the recognition of the Strange Atmosphere  
linkvirus)

Self-identification method in memory:

Searches for \$3D385E29 at offset -6 from the Dos LoadSeg()  
function.  
If \$1020304 will be found at this position, the destruction  
counter will be manipulated (somekind of test for the  
programmer of this virus ?)

System infection:

- non RAM resident, infects the following functions:  
Dos LoadSeg(), Dos ReadARGS(), Exec Findname(),  
Exec Findtask, Exec SetFunktion() and Exec Addport()

Infection preconditions:

- File to be infected is bigger then 2600 bytes and  
smaller then 290000 bytes
- Device must have more than 6000 sectors
- First hunk contains a \$4eaexxxx command in the 16  
bit range to the end of the file (test for the first  
entry)
- the file is not already infected (the at long of the  
end of the hunk)
- HUNK\_HEADER and HUNK\_CODE are found

Infection Trigger...: Accessing files via LoadSeg()  
Files starting with "v", "V", "." or "-" will be NOT  
infected.

Storage media affected:  
all DOS-devices

Interrupts hooked...: None

Damage.....: Permanent damage:  
- Formatting the drive

---

Transient damage:  
- none

Damage Trigger.....: Permanent damage:  
- Formatting the drive, when an internal counter reaches  
5000.  
Transient damage:  
- None

Particularities.....: The crypt/decrypt routines are partly aware of processor  
caches. The cryptroutine are non polymorphic and only  
consists of some logical stuff. The virus uses some  
simple retro technics to stop viruskillers searching  
for itself.

Similarities.....: Link-method is comparable to the method invented with  
the infiltrator-virus. Damage routine is taken from the  
Strange Atmosphere linkvirus. The virus is a typical  
mixture from the EBOLA and the Strange Atmosphere  
linkviruses. We think that all 3 ones come from the  
same programmer, probably in the east or north of  
Germany.

Stealth.....: If the viruskiller VT up to version 2.82 will be started,  
the virus removes itself completly from memory. If one of  
the following programms will be found in memory, no link  
try will be started:

SetFunktioManager  
VirusChecker  
VirusZ\_II  
SnoopDos  
SnoopDos 3  
VW-Save!

Armouring.....: The virus uses only a single armouring technique to  
confuse people. It only crypts it's code based on the  
position of the rasterbeam.

Comments.....: The name EBOLA is the name of a virus, which humans  
can get infected with. CARO rules say, that no names  
of persons etc. may be used to call a virus, but I  
spoke to other persons and they already recognized  
this virus in this way. The virus contains the string  
"BBS Traveller", but this is just a clone from the  
EBOLA linkvirus with some enhancements.

----- Agents -----

Countermeasures.....: VW6.1 beta  
above Standard means.....: -

----- Acknowledgement -----

Location.....: Hannover, Germany 19.04.1996.  
Classification by...: Markus Schmall and Heiner Schneegold  
Documentation by....: Markus Schmall (C)

---



Date.....: April,19. 1996  
 Information Source...: Reverse engineering of original virus  
 Copyright.....: This document is copyrighted and may be not used  
 in any SHI publication

===== End of BBS Traveller Virus =====

## 1.22 Pam-s = Pamela Script trojan

Pam-S (Pamela Show) Script trojan  
 -----

This is a very simple trojan. Executed via Startup-Sequence (will be detected and deleted by VirusWorkshop), a format command will be activated. This format command is a little bit modified, so that other keywords are accepted. This was probably done to irritate the user.

The trojan seems to be appeared first in the netherlands, since a member of Virus Help Team NL first complained about the missing recognition in several viruskillers.

PLEASE NOTE: WHAT EVER YOU WANT TO DO, DO IT. BUT PLEASE REMEMBER, THAT I DON'T GET SUPPORT WITH VIRUSES FROM VIRUS HELP TEAM NL.

## 1.23 Strange Atmosphere linkvirus

Entry.....: Strange Atmosphere  
 Alias(es).....: SA Virus  
 Virus Strain.....: -  
 Virus detected when.: 2/1996  
                   where.: Germany  
 Classification.....: Link virus, memory-resident  
 Length of Virus.....: 1. Length on storage medium:       1232 Bytes  
   2. Length in RAM:                   \$2710 Bytes

----- Preconditions -----

Operating System(s) : AMIGA-DOS  
 Version/Release.....: 2.04 and above (V37+)  
 Computer model(s)...: all models/processors (MC68000-MC68060)  
   Caches may cause problems during the decoding  
   process

----- Attributes -----

Easy Identification.: None

Type of infection...: Linkvirus

Self-identification method in files:

- Searches for \$1080402 at the end of the first codehunk

Self-identification method in memory:

- Checks for \$3d385e29 at position -6 of the LoadSeg() adress

System infection:

- RAM resident, infects the LoadSeg() DOS function
- DoIO() exec function and Coolcapture will be infected only under special conditions

Infection preconditions:

- File to be infected is bigger then \$a28 bytes
- The file is not already infected
- HUNK\_HEADER and HUNK\_CODE are found
- HUNK\_HEADER structure is valid
- There must be 4 free blocks on the disc
- File is shorter than 290000 bytes
- The lenght of the first hunk must be exactly the same as written in the hunkheader structure

Infection Trigger...: Accessing the file

Storage media affected: all DOS-devices

Interrupts hooked...: None

Damage.....: Permanent damage:

- Files will be trashed (depends on the Rasterbeam)
- Devices will be overwritten (depends on the Rasterbeam)

Transient damage:

- System gets locked while reset and a new copperlist will be shown. This copperlist then shows you the german flag.

Damage Trigger.....: Permanent damage:

- Internal counter

Transient damage:

- Internal counter

Particularities.....: The crypt/decrypt routines are not aware of processor caches. The installer code in several files is working correct with higher processors. The linkcode checks for correct length of the first hunk to remove problems with extra ordinary packers.

Similarities.....: Link-method in the executable files is the simple "link behind the first hunk" method without any special tricks.

Stealth.....: The viruses uses normal dos commands (no tunneling via packets) and normal DOS call watchers like SnoopDos can proof the infection behavior.

---

There are no stealth routines build in.

Armouring.....: The virus is only one armouring technique to protect it's code. It uses a normal crypt routine to hide the viral structures. Heuristik checkers like the one in VirusWorkshop can find the dangerous parts and VW gives you the rating "Virus!".

Name.....: In the crypted part there is the following string:  
'-+\* Strange Atmosphere [gOOd] \*+-'

If the internal counter reaches 50, the word "gOOd" will be replaced by "eVIL" and the destructive code will be activated.

----- Agents -----

Countermeasures.....: VT 2.81, VW6.0  
Countermeasures successful: All of the above  
Standard means.....: -

----- Acknowledgement -----

Location.....: Hannover, Germany 04.03.1996.  
Classification by...: Markus Schmall and Heiner Schneegold  
Documentation by....: Markus Schmall  
Date.....: March 1996  
Information Source..: Reverse engineering of original virus  
Copyright.....: Markus Schmall  
Special note.....: Virus Test Center Hamburg and Virus Help Team DK are strictly allowed to use this analyse in their own productions. All other groups/institutions may please contact me first.

===== End of Strange Atmosphere Virus =====

## 1.24 ablank11

ABlank11 Trojan:  
-----

other possible names: KUK Crew Trojan

Length: 1056 bytes (PP40 lib) or 1352 bytes unpacked

Nothing tricky at all. It will be tried to initialize SYS: again and then to create several files (and dirs) on the device. Code isn't that good written, equalities to existing trojans can be found, but I cannot remember which one exactly.

Thanks must go to Jan Andersen for sending me this one.

Visible texts in the unpacked file:

```
'> KUK CREW < A New and Evil Group has come t'  
'o spread TERROR and DESTRUCTiON to the Amiga'  
' Scene! HAHAAHAAAAAAAAAAH',0  
'dos.library',0  
'SYS:',0,0  
'KUK_CREW!',0  
'KUK_CREW!:Haha!',0  
'KUK_CREW!:Mr.Fitta_%ld',0,0  
'KUK_CREW!:Dr.Klitta_%ld',0  
'KUK_CREW!:Kuk+Fitta=Barn_%ld',0,0  
'KUK_CREW!:Kiss&BajsÄrNice_%ld',0
```

## 1.25 LHAV3

LHA V3 Trojan horse:

-----

Filelength 54440 bytes (unpacked)

This file will be spreaded as new LHA V3.00 version. It`s a simple 1.38e release...

This is the same mailbox hacking code as in the  
viewtek22  
(vtek22-  
virus) installer. It seems to copy the userdatas and boxparameters to the private directory from a special user.

This special user was at the upload time in holidays and cannot be the author. This means that the account was hacked...

In the last time several boxes in the region Hannover got hacked, I think that there is somekind of connection.

Probably against: FastCall

(Sysops, please call me, I need some information about it ! Thx)

```
'dos.library'  
'S:HauptPfad'  
'User/SysOp/UserDaten'  
'BoxDaten/BoxParameter'  
'User/Snoopy/.INDEX'  
'User/Snoopy/.TXT'  
'Absender : xxxxxx'  
'Betreff : Dies ist ein Test'
```

```
'Datum      : 10.03.1994'  
'Uhrzeit    : 20:50:58'  
'Bytes      : 1024'  
'Empfänger : Snoopy'  
'10.03.1994 20.50.58    1 Asc Snoopy    '  
'      Dies ist ein Test'
```

Detection tested 19.09.1994.

Information to the  
Vtek22~Virus

## 1.26 VMK30

Virus Mem Kill 3.00 Trojan horse:

```
-----  
Archivname: vmk30.lha  
Filename:   vmk  
Filelength: 2620 bytes (unpacked)  
File_ID.DiZ:VirusMemKill 3.00
```

This is a fucking HD formatter and nothing else.

The programm will open scsi.device at unit 0 and loads the RDB. It will add 1 to the third longwort and decrease the offset \$2b of the RDB. If this value reaches 0, the first 100kb from your HD ,starting with the RDB, will be formatted using memory from adress 0. No rescue for the DATA is possible. Sorry. Try to restore the RDB and to rescue as much files as possible (best with DiskSalv 11.xx). The first 100 KB are lost and the partition datas, too. Try your harddisc software and restore the partition datas.

The offset \$2b in the RDB describes some of the hardware-abilities of the harddisc.

The archive appeared 03.09.1994. on german and american mailboxsystems and on 05.09.1994. it was on nearly every better BBS. We published a Z-Netz warning and an ordinary warning text on 04.09.1994. to warn the people.

Detection tested on 05.09.1994.

Visible~texts~in~the~file

---

The~document~from~the~vmk3.00~file

## 1.27 DM2INST

Disaster Master 2 Installer:  
-----

Filelength 10634 Bytes unpacked

This is said to be a little Intromaker, but in real it installs using df0:s/startup-sequence a new filevirus. It will write a file called CLS and in the Startup-Sequence you then can see "cls \*" as the first line.

The programm opens a window with the name

"Little Intromaker 1989 by TCR V1.00"

No vectors are changed !

Detection tested 22.05.1995.

## 1.28 VirusWorkshop (C) by Flake/TRSi`97

VirusWorkshop

A Tristar & Red Sector inc. production  
in 1997 !  
coded by Markus Schmall

List of all known virus, which VirusWorkshop recognizes.

-----  
PLEASE NOTE: IT'S NOT ALLOWED TO COPY VIRUS-ANALYSES FROM THE VW DOCUMENT TO USE IT IN YOUR OWN PRODUCTIONS. THE ONE AND ONLY EXCEPTION IS THE VIRUSTEST CENTER FROM THE UNIVERSITY OF HAMBURG. (Take a look at their VirusBaseCatalog, it's great ! Good work, Soenke, Karim and the rest from your team !)

To be more exact: The VTC catalogue can contain some of my analysises. if you copy my analysises from the CMbase programm to your own production, this is NOT allowed.

-----

---

LINK/TROJAN/FILE~Viruses

~~~Bootblock~Viruses~~~

What is "Intel Inside" for a lable ? A warning lable !

## 1.29 vmkdoc

Virus Memory Kill V3.00 © Chris Hames. (2620 Bytes) 19.04.1994

(REMEMBER! no virus can copy itself to a write-protected disk.)

This utility is different to the previous version in that it no longer directly detects any virus. Instead it is now the most powerful tool for detecting new viruses. It checks a heap of things that viruses use and tells you when they have changed.

Firstly it checks CoolCapture, ColdCapture, WarmCapture, KickTagPtr and the KeyboardReset to find anything that is trying to survive reset. If any of these are abnormal it will alert you including a display of the area of memory that they are pointing to. You can look for words describing was the thing is and then decide whether to do nothing or do a cold reset (note this is much more than just a normal reset) which should clear memory of the virus.

Secondly it checks the jump tables of all resident libraries, devices and resources and warns you if any are not pointing to ROM. It will give you a message describing what isn't pointing to rom and where it is actually pointing. Most systems will get at least a few of these warnings. Setpatch causes a few and other legit programs do as well.

Thirdly it check for harddisk viruses. As you know some of new viruses links to other programs. This is a new in VirusMemKill. I also added some new features for OS3.0 but VMK STILL WORKS WITH OS1.3 !!! So as you can see VMK is the best (I think) early virus detector for Amiga.

FOR PEOPLE WHO DON'T UNDERSTAND A WORD I AM SAYING:-

This program is very technical I agree but a general user can just have it in their startup-sequence and notice the messages it gives. If they change and you haven't changed your system get the latest best Virus Killer (One that checks your disks and files) and run it to check out your system.

ALERTS THAT ARE CAUSED BY LEGIT PROGRAMS

Please note some legit programs will cause alerts.

If a Alert/Warning is being caused by a standard workbench program or kickstart version provide me with details and I will hopefully add it to the list of legit patches.

Stopping Alerts/Warnings that are caused by legit programs:-

---

You can stop a alert/warning by giving the full cause of the alert  
which is best idea

```
eg -$01E(graphics.library)=$6666666666 eg KickTagPtr=$77777777
```

You can stop a alert/warning by giving the full cause without the  
of the alert which is second best idea

```
eg -$01E(graphics.library)
```

You can stop a alert/warning by giving just the description of the  
of the alert which is the worst idea

```
eg KickTagPtr eg (keyboard.device)
```

Usage: VMK -cas alerts

```
-c will cold reset (this should kill any virus from memory)
-a will make library/devices/resources warnings into alerts
  with memory display.
-s use strict mode where common changes (like setpatch stuff)
  is not ignored.
```

Examples of use:-

```
VMK -c                ; Resets your machine safely!!
                    ; (Should kill ANY virus from memory)

VMK -s -a            ; Very strict. Alerts for everything. I have this as
                    ; the first command on my kickstart 2.0 startup-sequence

VMK -a                ; Not as strict. Alerts for everything. I have this
as
                    ; the first command on my kickstart 1.3 startup-sequence

VMK KickTagPtr      ; Stops alerts about the KickTagPtr

VMK KickTagPtr=$00000700 ; Stops the specific alert at this location

VMK (dos.library)   ; Stop all warnings/alerts about the dos library

VMK (dos.library) -$01E(graphics.library) ; no dos &
                    ; no -$01E graphics alerts
```

If you find a new virus send it to:-

Erik Lovendahl Snaphanevej 10 4720 Prst Denmark

Contact the above address for more information on a \$1000 REWARD for  
information about virus programmers.

History: 10/ 6/91 V1.0                      First release 13/10/91 V1.1                      VMK now





```
->      'scsi.device',0          <-
```

I have compared the old V1.10 of Virusmemkill and the only significant, visible change in the ASCII text was, the the marked position not existed in the old released.

## 1.31 Alien\_Trojan

Alien Virus:

-----

```
Filelength:596 unpacked
           1016 packed with powerpacker (this file was spread)
```

Other possible names: Elien\_virus\_checker 0.1

This is a quite simple trojan, which is really not worth the lines I am writing here.

At first it will be tried to open the file sys:MeGaSUXX.TXT. Then a text containing 9times "a" will be written in the file. If the writeaccess was successful, it will be tried to write again this 9 bytes. This loop ends, if 900000 "a" stand in the file or the writeaccess was not successfull. After this, you can only press the leftmousebutton and the programm exits.

Better play with your joystick and don't code such a shit !

Visible texts at the end of the trojan:

```
'dos.library'
'sys:MeGaSUXX.TXT'
'aaaaaaaa'
'$VER:Elie_n_virus_checker v0.1 by zupa/T.L.X.'
```

Detection tested 24.08.1994.

## 1.32 Decompiler

Decompiler Virus:

-----

Written in AMOS

---

Filelength: 53990 bytes unpacked

This is a typical trojan probably spreaded as an AMOS utility, which should be able to make a selfwritten programm autobootable.

If you start the programm, sometimes it will appear a black screen with red letters on it. If you then press the return key, the directories "libs", "devs" and "fonts" will be renamed. All directories will be renamed to their original name plus an empty char.

If VirusWorkshop has detected this virus, please check your disks for a renamed directory or so...

Detection testet 18.08.1994.

Comment 11.12.94.: Two viruskillers recognize a lot of normal AMOS files as Decompiler infected. I hope this will be fixed at one of the following updates, but I am not sure about it.

### 1.33 East-1

East Star Installer:  
-----

Filelength: 8340 bytes

This programm claims to be the Lazze\_Zidens\_Modem\_Commander\_V1.0, but contains an installer for the East Star Bootblockvirus. The \$3c(a7) link method was used to link a new hunk on the file (atleast I think so)...

The East Star bootblockvirus is just a simple clone from the North Star virus. Better play with your joysticks instead of creating such a bullshit...

Detection tested 15.08.1994.

### 1.34 sumpf

Sumpf Gag Virus:  
-----

Filelength: 952 bytes

---



<----->

Here the short document:

-----

```
>Released on : 08-04-94
>
>Files enclosed
>
>JiZANSI
>JiZANSI.DOC
>
>Limitations to the picture
>
>320 * 256, 5 bitplanes, IFF ILBM (BYTERUN1 compressed)
>
>
>The more color changes per line, the bigger the resulting ANSI-file
>will get.
>
>Limitations to the conversion
>
>You can use 1 to 5 bitplanes. No limits
>
>No "most-used-color" optimization is done... use as much color 0 as
>possible produces the smallest files...
>
>Format:  IFF32ANSI IFFPicture ANSIFile
>
>
>Note: There is no business like showbusiness.
>
>
>
>Since,
>
>Twilight Trio.
```

Detection tested 14.08.1994.

## 1.36 Look! BBS Trojan

Look! BBS (AmiExpress) Virus:

-----

Filelength: 1392 (packed with

---

```
Turbosqueezer~6.1
=spreaded)
  1456 unpacked
```

This is an ordinary AmiExpress mailbox virus, which tries to manipulate the user.data from the system. It will be tried to open NIL: and AUX: and a little window. If all this was ok, a short text will be shown on the window:

```
"Please wait ! Loading Data "
```

After this it will be tried to open/load the user.data. If it was ok, the following text will be shown:

```
'SORRY MISSING DATA FILE 2 ! PLEASE REBOOT !!! '
```

After this a simulated GURU will be shown and a new resetroutine, which is not exitable, will be installed in the coolcapture.

Text from the simulated GURU:

```
'          FATAL HARDWARE ERROR'
' Error Nr. 81000 0000A   Task Nr. 00000740'
```

The resetroutine is an endless loop, which changes , if you press the left mousebutton, the background color via direct hardware access.

This virus appeared first in Berlin/West Germany and some say that it's made by the hacker Conman...The packer used for this trojan was used several time by this hacker and some parts of the code look like its handwriting...

Detection tested 14.08.1994.

## 1.37 Poliogonifrikator Linkvirus

Polyzygotronifikator LinkVirus:  
-----

This is a classical linkvirus, which was send to me as a very clever virus with polymorph routine, which should be excellent coded. To be clear: In my opinion this virus is quite well coded, but nothing special. A work of 4 hours to write the complete repairroutines and testing...

Works with Kickstart 2.0 and higher based on the intern patch

---

routines for the LoadSeg vector from DOS. No other vectors are changed.

At the start of the virus, it will be searched for the SnoopDos task in memory. If it exists, the virus won't start.

The virus adds no hunk to the infected file, but increases the first codehunk. A speciality is, that the virus contains a little workaround for problems which appeared to other viruses with packed files (like Infiltrator), which are not 100 % AMIGA (no need to mention C= here) conform (Imploder Library).

The virus itself is 1196 bytes big and the cryptroutine, which is polymorph, is 44 bytes long. The cryptroutine is polymorph, but only in that way, that it put between the single commands some garbage, some registers will be used different and nothing else. No complicated stuff like in the Crime'92 virus.

The virus searches for the "move.l 4,a6" command and replaces it with an ordinary jump to its own code. The virus recognizes, if it has already infected an file or not. This selftestroutine tests only for one single word and is not that secure. Virus-Workshop now uses 4 longwords to detect the virus in files.

The virus identifies itself with the word 1994 in memory and on disk. In memory it searches for "1994" and on files it looks for \$1994 (a word). As result, this virus links only one time on a file and nothing more. The virus does not link on other files, if the device contains less then \$1f40 sectors.

The virus contains no real destruction routine and expects as for hunk the codehunk.

In the decrypted virus, you can read:

```
"Don't think about it! You're simply infected with the  
Polyzygotronifikator... (Polymorph version) "
```

This virus comes probably from Germany, because of the "k" in the name. A english speaking coder would have written the name like "Polyzygotronificator" instead of "Polyzygotronifikator". This is just some way of combination, but I think this is quite interesting (idea by Ingo Schmidt).

VirusWorkshop is able to remove a virus and the repaired file should work 100%. Better try it with a copy, just for security reasons.

Detection tested 05.08.1994.

Comment 11.12.1994: Another viruschecker/killer appeared, which recognizes this virus. The repairroutine does not correct the length of the first hunk, it only reinserts the "move.l 4.w,a6" and nothing more. VT 2.69 and VW4.5 still detect Polygonifikator in file, cause it is still existing there. This is the same

---

viruskiller, which is not able to remove and detect the Crime`92 virus correct or in general (in a time of 14 months!!!!) Please judge for yourself, but the german viruskiller programmers have not the task to recorrect the bugs made by other virus-killers ! Same problem appears at Commander linkvirus ! Please judge for yourself !

Comment 27.02.1995: If you activated Decrunch and then checked a file, which was first packed and then infected with this virus, it could give Enforcerhits. Fixed now.

## 1.38 RootDv

Rootformatter Diskvalidator Virus:  
-----

Filelength: 1848 bytes (like an original DiskValidator)

Works only with Kickstart 1.3 based on absolute RomJmps.

The programm does not work, so the following stuff is just a description, how the programmer of the virus wanted to have it:

The destruction is activated at this time.

The virus only formats 5 KB beginning with block 880, which is at a normal DD disk the rootblock. Please try to use diskrepair to repair as much as possible. This file can be startet and is so a danger for users of KS2.++, too.

Based on fact, that there is no spreadingroutine, there MUST be an installer for the file.

Detection tested 28.07.1994.

## 1.39 LamerKiller

Lamerkiller Virus:  
-----

11512 bytes long (packed with CrunchMania normal and then manipulated)

-Only Kickstart 1.x ! On higher systems: Crash !

As far as I know this virus simply writes a DiskValidator Virus (Saddam with CodeLW "IRAK") to df0: . Nothing more.

---





```
set (set "RESTICTED" to bbs:user.data & to bbs:user.key).
```

The DMS file was uploaded to a quite known BBS on 26.05.94. Atleast this banner can be found in the header. Another file is in the maincode, which is an intro. In this intro you can read some texts from Melön Dezign.

The virus checks for higher processors and read the VBR and installs a new interrupt in the \$74 vector in the vectorpage. This is new. Nearly all other viruses only patch the vectorpage.

This new interrupt increases a variable until it has reached 30000. As long as this value is not in the variable, it will be tried to manipulate the \$dff030 register. The \$dff030 will be only changed, if a special string, which adress will be calculated using the SerDat register(\$dff018)and an internal counter, will be found(string=\$6c554e69544963210d).

I think that it is something like hacking programm or a special programm to manipulate the datatransfer from the serial port.

No other texts were found in the virus.

```
Detection in files tested 16.07.1994.
Detection in memory and removal
tested 17.07.1994.
```

Special thanks to Atomix x for sending this virus.

First~warning~for~this~virus

Statement~from~Complex

## 1.41 DOOM1

```

_ _ _ _ _ . _ _ _ _ _ : . _ _ _ _ + _ / Y _ / ! _ / _ _ _ | _ /
_ _ / _ _ _ _ _ +
\ _ _ _ \ _ _ _ _ \ _ _ _ \ _ _ _ | \ _ _ | | mYSTiC
| Y | ! | ! | | | | | ! | _ _ _ _
l _ | l _ _ l _ _ | | | | l _ _ | 1994
+-kRml _ | -- \ _ | -- \ _ | l _ | - l _ | -- \ _ | _ _ _ _ _ + WARNING ! A file CLX_DOOM.LHA is
a trojan !! Another warning text file from EaSy RiDeR !!

```

WARNING WARNING WARNING WARNING WARNING WARNING WARNING WARNING WARNING



## Liberator 3.0 Virus:

-----

Filelength: 10712

This virus patches the startupsequence and writes itself in it.

Original end of the startup:

(40.42 Startup-Sequence)

```
Resident Execute REMOVE
Resident Assign REMOVE
C:LoadWB -debug
EndCLI >NIL:
```

Modified end of the startup:

(40.42 Startup-Sequence)

```
Resident Execute REMOVE
Resident Assign REMOVE
C:LoadWB -debug
cv >NIL:
EndCLI >NIL:
```

The tests were performed with 3 drives (SYQ= Syquest 105 MB, DF0 and DF2 as normal diskdrives).

On all 3 devices the Startup-Sequence was changed in one step. If a .fastdir file, which will be created by the virus, will reach a special value (99) , then the following text will be shown:

```
' Congratulations your hard disk has been'
'   liberated of virus protection!!   '
```

```
' Hello from the Liberator virus v3.0 '
```

```
'   - Digital Deviant                 '
```

```
' The anti-anti-virus is here again ! '
```

```
'   Lets play trash the hard disk     '
```

```
'   and ram the disk heads            '
```

```
' Only hardcore belgi an rave can    '
```

```
'   truely liberate the mind!         '
```

```
'                                     '
```

```
'           The liberator 15/01/92    '
```

...

The .fastdir was not created on DF2, but on the other devices. Startvalue from this 2 byte long file is: \$310a. The virus itself was not copied, but due to the filename "cv" and the startupmessage I think that the real name is Check-  
Vectors:

```
'Check Vectors rev 5.1 '  
'All Rights Reserved '  
'more TUPperware © by Mike Hansel'  
'Reset vectors ok, Nothing resident'  
' , Trackdisk.device not intercepted, ',0  
'DoIO ok, VBlank ok, dos.library not inte'  
'rcepted.'  
'System appears to be free of viruses and'  
' trojans!'
```

Detection retested 16.07.1994.

DosTrace~Capture~from~the~virus

## 1.44 DT\_CAP

```
Leer:      =Bootdrive (DF0)  
SYQ:      =Syquest  
4eb9_linker:=second drive (DF2)  
L3.0      =Liberator 3.0 virus
```

```
Initial CLI: Changing current directory to "Leer:".  
Initial CLI: Getting shared lock (-2) on "13.0": OK  
Initial CLI: Examining "Leer:13.0": OK  
Initial CLI: Unlocking "Leer:L3.0"  
Initial CLI: Loading segmented image "13.0": OK  
Initial CLI: Getting shared lock (-2) on "13.0": OK  
Initial CLI: Getting parent of "Leer:L3.0".  
Initial CLI: Unlocking "Leer:L3.0"  
Initial CLI: Changing current directory to "Leer:".
```

This is the textwriter:

```
13.0: Writing 31 bytes to "32m«Unknown Object»31m": OK  
13.0: Writing 30 bytes to "32m«Unknown Object»31m": OK  
13.0: Writing 43 bytes to "32m«Unknown Object»31m": OK  
13.0: Writing 1 bytes to "32m«Unknown Object»31m": OK  
13.0: Writing 79 bytes to "32m«Unknown Object»31m": OK  
13.0: Writing 1 bytes to "32m«Unknown Object»31m": OK  
13.0: Writing 48 bytes to "32m«Unknown Object»31m": OK  
13.0: Writing 1 bytes to "32m«Unknown Object»31m": OK  
13.0: Writing 49 bytes to "32m«Unknown Object»31m": OK  
13.0: Writing 1 bytes to "32m«Unknown Object»31m": OK
```

Going on with the virus:

```
13.0: Getting shared lock (-2) on "DF0:": OK
```

13.0: Gett

## 1.45 Lib501

Liberator Virus V5.01:  
-----

Filelength: 16924 unpacked  
Clones: Lamerfry1.3b

This virus is quity tricky. It copies the file c/run and renames it. It adds to the shell startup the commands:

```
';liberatorV - controlling me!'  
'alias copy delete'  
'alias delete "echo *"No file to delete, cant find*"'
```

If you have once started once such a modified shell, then quickly load an editor and remove the three lines. Then reset and it should work correct again.

The startup-sequence will be directly changed so, so that the virus will be activated every time.

If you start the virus, the following message will appear on the window:

```
PV(Protect Vectors) v1.02 by Peter Stuer',0  
'July 22, 1992 FREEWARE'  
  
'Reset vectors ok, Nothing resident, Trackdisk.'  
'device not intercepted, '  
'DoIO ok, VBlank ok, low interrupts ok, '  
'dos.library not intercepted.',0  
  
'monitoring vectors...'  
'Fully Kickstartv2.xx compatible, stops all'  
'viruses, checks disk-validators,',0  
'Use run to push this program into the '  
'background.',0
```

This message is only to cheat the user, Peter Stuer has never written this programm.

In the virus you can read the names from other viruskillers, look here:

```
'ZeroVirus'  
'VIRUSEXPERT'  
'ZeroVirus III'
```

```
'Virus_Checker'  
'Master_Virus_Killer_v2.1'  
'BLVC'  
'Berserker'  
'BerserkerV5.0'  
'Virus_Checker(C)'  
'Nuke!'
```

(Don't know, what it's really for.)

The virus installs a .fastdir file, which contains some kind of timer. If a special value was reached, then the following text will be printed to screen:

```
'    Congratulations this disk has been liberated'  
    ' of virus protection!!'  
'    Hello from the Liberator virus'  
    ' v5.01 - Random Disaster'  
'    The anti-anti-virus is here again!'  
    ' Lets play trash the hard disk'  
'    and ram the disk heads'  
'    '    The piracy curse'  
    ' Liberator V - The future is near.'  
'Look out for Liberator VI - The final nightmare ...'  
    ' coming soon from a lame swapper near you!'  
'    Respect to the virus masters  
    Lamer Exterminator, crime & Contrast.'  
'And remember - be excellent to each other!'  
    'The liberator 27/07/92'  
    'Virus Generation : ',0
```

Detection retested 16.07.1994.

## 1.46 Lamerfry13b

Lamerfry 1.3b Virus:

-----  
Length: 8240 bytes packed (with CrunchMania and then manipulated)

This is a simple clone from the Liberator 5.01 and nothing more. Please note, that we recieved the virus from a SHI member ! The file is not decrunchable, because the crunchmania file structure was hacked.

For more information look at the  
liberator~5.1~section

---

!

Some messages etc.:

-----

```
'dos.library'
'timer.device'
':c/run'
':c/',$1A,$1A
':s/.info '
':c/'
's/startup-sequence'
's/shell-startup'
';Lamer Fry - Says You Die !!!',
'alias copy delete',
'alias delete "echo *"No file to delete, can't find*'
's/.info '
'.fastdir',$A0,' '
'c'
'c/'
'c/run'
'c/br'
'br c:'
'.fastdir'
':s/startup-sequence'
'.',
'BackGround_Process'
'ZeroVirus'
'VIRUSEXPERT'
'ZeroVirus III'
'Virus_Checker'
'Master_Virus_Killer_v2.1'
'BLVC'
'Berserker'
'BerserkerV5.0'
'Virus_Checker(C)'
'Nuke!'
```

Starttext:

-----

```
'LamerFry Virus V1.3b      '
'Written For SHI          ',
'This Test Virus Written By
    Kooky/Calypso
    For SHI'
' Tests, This IS REAL!    Please Be Very '
'Careful When Running It! '
',
',
',
',
'.:fastdir',$A0,' '
':
'::fastdir',$A0,' '
```



Other text, which will be displayed later:

```
-----
'      Tough luck! Your disks have been Fried Lamer,'
'      Bad luck Looser      ',
'          As you see this virus is quite sneaky '
'isn't dudes ?!?!',
'          Next time be more careful!!'
'
'
'          Lamerfry V2.0 - The Future Is Near,'
'          Look out for Lamerfry 2VI - The final '
'nightmare ...',
'          coming from a lame coder like kooky soon!'
'          Greetings are flying out to paul browne/shi as'
' he has the only copy.',
'          of this virus. I don't sorry ! Be'
' Kewl....',
'          Lamer Fry - You Die....',
'          Reproduced Nums : '
```

Detection tested 12.07.1994.

There was lately a  
 public~announcement  
 in the AmyNet  
 (Virus\_Amy), saying that this doc chapter would damage  
 the reputation of Kooky/Calypso, because I mention  
 his name in the shortcut from the file.  
 Click~me  
 to  
 read more about it !

## 1.47 Degrda

Degrad Trojan Formatter:

-----  
 Filelength: 5612 bytes unpacked (including the Debuginfo)

This is the lamest trojan I have ever seen so far. It will be tried to write using the scsi.device 5 KB to the first sectors of the unit 0 from the scsi device. Nothing more. No text and the memory, which will be written to the device, is an empty block at the end of the virus. In the BBS description it was marked as a degrader tool, which should enable the user to let run older programmes on modern AMIGA system with higher kickstarts, processors and



```
'3m          StarLight presents:  '
'0m          Virus Konstruktion  Set '
'Bitte Virus-Text eingeben (max.60 Zeiche'
'Der Virus-Text erscheint nach 5 Infektionen'
'dos.library',0
'intuition.library',0
'Legen Sie eine Diskette ins Laufwerk DF0: ein,'
'um den neuen BootVirus zu installieren.'
'Drücken Sie dann den linken Maus-Button.'
'trackdisk.device',0
'DOS',0
'DOS',0
'Konnte BootBlock nicht schreiben...'
'Linke Maus = Nochmal'
'NuAlles klar... Viel Spaß mit dem neuen '
'VIRUS'
```

Virus Construction Set II Installer:

```
-----
Filelength: 47944 Bytes unpacked
             32360 PP 3.0 packed
```

This is the installer of the VCS II Virus. You can enter a text and the virus will be written to disk. The installer simply opens a little window and nothing more.

Nothing more to say, except this: The handle "Max/Starlight" was now used for more than 4 viruses. Isn't it possible to catch this guy ?

Visible text in the installer:

```
-----
'trackdisk.device',0
'dos.library',0
'CON:40/30/550/150/STARLIGHT VIRUS CONSTRUCTION SET V2.0 !'
'3mWelcome to the STR's Virus Construction Set V2.0 !'
'Please enter the Virus-Text max. 60 Chars! :'
'mPlease enter the name of the Virus max. 20 Chars! :'
'mShall the Virus code itself ? '
'F1 = YES'
'2 = NO'
'Now insert a Disk in [DF0] to write the Virus.'
'When done press LEFT-MOUSE Button...]'
'Do you want to write the Virus again ?'
'Left-Mouse = YES   |   Right-Mouse = NO'
'DOS',0
```

```
'dos.library',0
'Nuintuition.library',0
'Some greets flies over following people/Crews:'
'Evil Chuck - Tiger 1 (back on the Amiga !) - Mailman '
'Nikita (thanx for the cool parties in '
'Heilbronn) - Lion - Prof J.'
'Zombie - Garfield (where are `ya now) - '
'Garbor (Codename ??)'
'all spreader and swaper, who are spreading'
' this disk'
'Darkstar - HCC - Fairlight - Trinitron -'
' Edward (send some DISKS!)'
'Sepultura - Death - Iron Maden - Jairo - '
'Max (and the baby)'
'Andreas - Chuck - Sadus - Cynic (what'
' about a CD from you ?)'
'Melon Dezign/Crystal - Devils '
'(Colors: FUCK!) - AFL'
'Silents - Anarchy (organizing cool parties)'
' - Troops of Doom'
'The rest of Guardians (fucking incident) '
'- Roadrunner Records'
'Skid Row and Crack inc. - Vision - SCM of'
' GDW (C64 - HE HE)'
'paceballs (Tekkno-demo is wonderful !) -'
' Butonic (`ya still alive)'
'Walt/Melon (have you found the extra in '
'the demo on Civilisation ?)'
'..... and to all the others in the sc'
'ene ..... (MAX 23/4/93). ',0
'HI TO MY LOVE !!!!!!!!!!!!!!!!!!!!!!!!!!!!!'
'!!!!!!!!!!!!!!!!!!!!',0
```

...

You can easily see, that the coder of the installer has some friends in the scene and knows some guys. It should be not so hard to find him, ask Walt for the Civilization demo and we can catch this virus-programmer ( A work for you guys in SHI!) !!!!

## 1.49 IGAG

Intel LoadWB Gag Programm:

-----

3384 Bytes unpacked

no vectors are changed. A simple joke.

This is an ordinary loadwb commad, at which was added a little graphic routine, which tries to paint a logo

on your screen. The routine is buggy like hell.

Visible texts are:

```
'dos.library'
'-DEBUG/S,DELAY/S,CLEANUP/S,NEWPATH/S'
'$VER: loadwb 37.1 (16.1.91)'
'workbench.library'
'Workbench is already started'
'Error while getting path'
'Could not open Workbench'
```

Detection tested 08.07.1994.

## 1.50 DMS213

DMS 2.13 Trojan (HD Formatter):

-----  
Length: 94220 bytes unpacked

This file was spreaded as new 2.13 update from DMS.

The file\_id.diz file looks like this:

```
-----
| GET THE REAL THING !! DMS 2.13 UNREG ! |
| FILE_ID FIXED FOR A4000/040 NO GURU |
| AROUND! , FIXED BY BONESTARR/LSD |
\-----/
```

But there is nothing new in this version, but a hdformatter was implented in the code. The virus will be activated first and tries to format the DH0 device using the normal FORMAT command:

```
'format drive dh0: name FuCKoFF ffs quick'
```

At the end of the DMS programm, you can read thw following things:

```
' SCeNE iS LaME - SiGNeD By RoADStARR/LsD'
'dos.library'
```

At the spreading date of this virus (it's dated 01-06-1994) there was DMS 2.03 actual and DMS 2.04 was released at this day.

Nothing more to say about this VERY lame virus !

---

(Eine echte technische Meisterleistung ! Hoert auf mit dem Mist und spielt lieber mit dem Joystick !!!)

Detection tested 14.06.1994.

## 1.51 LABTEC

Labtec Trojan Virus:

-----

Filelength:       13556 bytes           (Imploder 4.0 Library imploded)  
                  28840 bytes           nonpacked

This is a classical trojan. The file contains a special Date-stamp routine and a special date, the files

c:lha,c:zoo,sys:wbstartup/virusz and sys:wbstartup/virus\_checker,  
c:arc,c:loadwb,s:startup-sequence,s:user-startup,s:startupii

will be deleted.

The following text will be printed to screen:

-----

Hi there! It's probably been awhile since you've seen on of these -a virus! Don't worry about trying to avoid the damage, it's already been done. Why didn't your virus checker catch this? Because you're a LAMER! You like it! This should be fun watching the latest mags and seeing how long it takes for them to document this! Hey, how about you send in a copy of this virus? Why not? Cauz you don't where it came from...LAMER! Have a nice day!

Lets dub this one, the Labtec virus, ok?

Press ANY Key To Go Back To DOS

-----

A text saying, that the OpenScreenpatch is installed and another text saying "NoCare2.7 by..." will be printed everytime, but the real NoCare programm seems to be not build in the virus.

Detection tested 08.06.1994.

---

## 1.52 Creinstall

Creeping Eel Installer:  
-----

Filelength: 3212 bytes

This programm is a patched TYPE command. The utility HUNKLAB was used to link the virus to the file. The BB virus will be installed in memory using a special installer, which needs 32 Bit FAsRAM. This installer is comparable to the code in the MUiGuru and Enforcer 3760 viruses.

The version information was changed and the file will be probably spreaded as TYPE 42.x. At this time I recieved the virus (05.06.1994), there is , as far as I know, no Workbench V42 available !

Detection tested 05.06.1994.

## 1.53 Casinstall

Cascade 2.1 Installer:  
-----

Filelength: 3428 bytes

This programm is a patched INSTALL command. The programm HUNKLAB was used to link the virus to the file. The BB virus will be installed in memory using a special installer, which needs 32 Bit FAsRAM. This installer is comparable to the code in the MUiGuru and Enforcer 3760 viruses.

The version information was changed and the file will be probably spreaded as INSTALL 42.x. At this time I recieved the virus (05.06.1994), there is , as far as I know, no Workbench V42 available !

Detection tested 05.06.1994.

## 1.54 Combo\_Loop

Loop Combo Trojan:  
-----

Filelength: 1848

No vectors will be changed. It's a pure destruction programm. It will be written as a new Disk-Validtor, as a result, there

---

must be an installerprogramm for this. In this special case I need YOUR help ! Many thanks !

If you start the programm (NEVER DO THIS!) a little alert containing the following text will appear:

```
'MIT MIR NICHT, DU AFFE !!!!!'  
'VERSUCH` LIEBER MAL EINEN LOOP-COMBO!!'  
' (ODER HASCH EIN LOCH IM'  
' ZELT (ZELT IM LOCH!!)'  
' ICH VERABSCHIEDE MICH DANN SCHON MAL!'
```

This text is crypted with a simple eorloop. If you then press one of the mousebuttons, the real destruction routine will be started. A kopfstep will be performed and a lot of infotmation on the disks will be lost.

To irritate the user, at the end of the virusfile, there are several normal strings, which can be found at the end of a normal diskvalidator, too.

Detection tested 23.05.1994.

## 1.55 Sysop

Show Sysop Trojan (?):

-----

Filelength: 7860 bytes unpacked.

A tool to show username and accessmodes. I have only a newer user.data, which is crypted so I could not test it. This is for sure not such a lame thing, which simply adds a user to to this file.

At least be carefull with it...

## 1.56 Newage

NewAge Linkvirus:

-----

Works not with Kickstart 1.x. An infected files becomes 668 bytes longer. This virus will only change the DosWrite() vector and is not resident.

After some hours of trying to infect some testfiles, 2 files were infected. Thanks Ingo for this really exhausting work !



The virus put his code in the first hunk & changes the \$3ec hunk. Due to some buggy routines in this virus, the infected files become not executable and VirusWorkshop cannot remove this virus.

At the end of the virus, you can read  
"NewAge by Evil Jesus".

Due to thousand of bugs in the routines, I decided to write no repairroutine. My routine worked fine for 1 hunkfiles, but if the file had more hunks, the routine crashed.

Comment 15.05.1994: Sorry Ingo, my first success was on the DHB file. The infected cmon could not be recoverd.

The german viruskillerprogrammers recieved this virus as sourcecode(written with Asm-One?) together with the Debugger virus. As far as I understood the whole thing, the virus-programmer released an LHA file containing source and the infected file for Debugger94 and this LHA file was send from a carefull user to Jan Bo Andersen, who send this LHA file to me.

> Only deletion is possible ! <

Detection tested 14.05.1994.

## 1.57 Easy-e

Easy-E BBS trojan:  
-----

Filelength: 38860 bytes unpacked

This is an ordinary BBS hacking programm. A new user will be added to the user.data, as far as I have understand it.

The "user.data" file will be searched on the "dh0" device. In my opinion this virus works only on older AmiExpress systems, because the new one are crypting the user.data and such lame hacks are not possible anymore.

In the file you can read:

```
'dos.library'  
'sys:'  
'sys:paradox'  
'EASY-E'  
'dh0:bbs/user.data'
```

Detection tested 01.05.1994.

Special thanks to MOK! for sending this virus !

## 1.58 debug\_me

Debugger (04191994) Virus:

-----

An infected file becomes 1088 bytes long.  
Changed vectors: DosWrite and DosLoadSeg  
Kickstart: 2.04 and higher  
other possible name: Fjpg Virus 1.11 (based on the first infected programm)

The virus does not work on Kickstart versions under 2.0, because of the patchroutines. A new way to infect files:

186 bytes from the first hunk will be copied in a new created \$3f1 hunk behind the file and a part of the virus will be copied at this position in the first hunk. The length of the first hunk will be not changed but the length entries in the hunkheader will be changed (probably to irritate antivirus-programmers and resourcers). This will be done with a random value !!!

The virus contains a destruction routine ! No format but a destructive WRITE command !

VirusWorkshop can remove the virus completely. Please make a backup before repairing such a file !

A normal hunkheader looks like this:

```
$3f3
0
number of hunks
number of starthunk
number of endhunk
n longwords containing the lengths of the hunks
```

```
---
$3e9 (hunk_code)
length for this hunk
```

ATTENTION: Some crunchers (Turbo Imploder e.g.) write 2 different lengths in the table of hunklengths and behind the \$3e9 ! I expect in this special case problems !

At the end of an infected file you can read the string "DEBUGGER". The whole virus looks like the work of a better coder (in my

---

opinion).

This virus was send to me by Jan Bo Andersen of SHI Denmark. The sending contained the whole documantated source and a little text from the author of this virus:

---

Anarchy Unlimited - Virus Technology Centre - +358-0-PRIVATE

Amiga & PC viruses online

---

Thank you for downloading Debugger V2 virus package!

Debugger02.s.asc - PGP signed asm source of Debugger virus  
EvilJesus.asc - Public PGP key  
FJPEG111.lha - Infected fjpeg, version number bumped up to 1.11  
NewAge.s.asc - PGP signed asm source of NewAge virus

Upload fjpeg only to systems which do not have networks! Those systems will have lowest information level and sysop are mostly dummies who bought modem week ago and decided to run bbs because "It's so cool" :)

With this kind of approach virus will have best chance to reach users who want to upload it immediately. There is also a big chance that such users will trash their hd's in no time. So nice...

So no network system as information about infection will spread very fast degrading overall chance of succesful destruction.

Sincerely yours, Evil Jesus

---

Even more irritating is, that PGP keys are in the package, too. I cannot understand this. The virus is dated 19.04.1994.

Detection tested 27-28.04.1994.  
(again a night with only 3 hours  
of sleep)

## 1.59 MClorATT

NewMCI (?) trojan:  
-----

---

This a PP (crypted) file which contain a protected part in which is jumped. I had no time to crack the PP protection and had no real motivation to do this. At least be carefull with this thing !

## 1.60 G-Zus

G-Zus Packer Bomb:  
-----

Filelength: 15016 bytes (unpacked)

This is a trojan, which claims to be a packer with fantastic packrates. If you start the packer, the following will happen:

df0:g-zus df0:Copy (Copy=5188 bytes long)

Creating df0:Copy.god (Copy.god=36 bytes long)

Deleting df0:Copy

The new created file with the extension "god" is always 36 bytes long and contains the following:

"ThisIsMagic!)<752#%-'48+475UR["

So don't use this programm.

Here a shortcut from the document:

----- The  
G-Zus compactor/decompactor: v0.01

Public release: May 9, 1993.

Function: Compress and decompress any file VERY efficiently.

Comments: clemj00@dm.usherb.ca

----- G-Zus:  
Copyright 1993

----- This is  
freely redistributable, so, you can distribute it!.

Here are some typical compression example you can attain with G-zus:

```
Flex.lzh                251123 ----rwed 15-Apr-93 23:11:33 FoCo.lzh 30887
----rwed 17-Jan-93 12:05:43 gadlayout-1.5.lha          41401 ----rwed
08-Apr-93 13:29:53
```

```
Flex.god                30 ----rwed Today      10:01:35 FoCo.god -17
----rwed Today         10:05:12 gadlayout-1.5.god      -22 ----rwed Today
10:10:55
```

---

09.04.1994.

Detection tested on

Comment 22.06.1994: Due to some failrecognitions with MICROPROSE installers, I have changed the routine a little bit again.

Thanks must go to Control/TRSi for the hints !

Detection retested 22.06.1994.

## 1.61 Mountie

Mount Virus:

-----  
other possible names: Gremlins or Xcopy faker  
Eleni Virus 2.2

Some other viruskillers detect a Gremlins virus in memory and crash due to wrong values. In this way the name "Gremlins" was founded for this virus.

It's pure bullshit to say, that this virus performs a LOW-level format of your harddisc.

The installerfile is a version of a wellknown copyprogramm. The virus was linked together with a little installer using the wellknown 4eb9 linker, which was used for many BBS viruses in the past.

Information~about~4eb9~linkers

Installer : 66424 bytes (4eb9 linked on a XCopy ↵  
version)  
Loader(c/mount): 208 bytes  
Virus (BB&File): 1024 bytes

The virus works with Kickstart 2.x and higher. Using older Kickstart versions with this virus is not possible.

SumKickData, Doio and Coolcapture will be patched. The orig. values will be stored in the low memory region around \$100.

VirusWorkshop can remove both Coolcapture and Doio, but the SumkickData Function is NOT recoverabel because of a bug in virus.

---

The virus is an ordinary bootblockvirus with a new little feature: If a counter reaches -\$67 (starting by 1), two new files will be written to disk. In this way the virus can be spread on harddisks, too.

The virus does not need the trackdisk.device. Therefore your HDs (exactly the RDB) can be destroyed, too.

The virus contains NO formatroutine. I saw a text saying this. It's not possible with this thing !

In the virus you can read "MOUNT". That's the reason, why I have chosen this name.

Detection tested 02.04.1994.

Comment 01.05.1994: I got the hint from another viruskiller to decrypt a string, which can be found at the top of the bootblock. The virus itself does not touch this string. In the bootblock it look like this: "FMJOJ XJSUT V2.2". If you decode it:

```
        lea        string,a0
        move.l     #10,d7
.loop   move.b    (a0),d0
        subq      #1,d0
        move.b    d0,(a0)
        dbf      d7,.loop
        rts
```

Now you will be able to read the following string:  
ELENI WIRUS V2.2. The "w" in virus is not a bug in my english, it stands in this way in the virus ! I am sure that this is not the ELENI virus, which will be detected by SHIs BootX.

Special thanks to J.Walker/TRSi for the fast supply with this virus !

Some messages:

Metal Force/Anthrox'94: NEVER release resourced viruses ! So you force clones !

Quite interesting ! TRSi released the first real technical infos about his virus and several other known crews released their warnings after us (partly with such wrong things like: Lowlevel format .....).

## 1.62 Menems

Menems Revenge Virus 1+2:  
-----

---

```
Typ 1:
-Linkvirus
-an infected file becomes 3076 bytes longer
-two hunks will be added
 $3e9 hunk ($2b6)
 $3ea hunk ($23)
```

```
Typ 1:
-Linkvirus
-an infected file becomes 3124 bytes longer
-two hunks will be added
 $3e9 hunk ($2c2)
 $3ea hunk ($23)
```

Only some bytes were changed from the first version to the next version. The first version appeared (I think) 1992 and the new version appeared 1994.

The virus contains a checkroutine for files, which are longer than 60000 bytes. LoadSeg will be patched. No resetvectors will be touched. A new process with the name of a normal BLANK will be started.

On some testconfigurations the files could not be repaired, because they contained pure garbage. Sorry.

Sometimes a DisplayAlert routine shows you a text saying "Argentina still lives...". This text is crypted in the file with a asr command. No real destruction routine (except for the linking itself) was found in the virus.

Detection tested 19.03.1994.

## 1.63 MST-vec

MST-VEC Formatter Viruses:

-----

The virusname comes from the name of the archive in which the both viruses were found:

File 1 (MST-INTE.exe):

-----

Filelength: 51256 bytes non packed

This is a simple destroying programm, which scans all files in the S drawer and overwrite the first bytes with the "FUCK..." string. Such viruses and nearly excat the same routines have been seen by approxmetly 10 viruses in the christmas time.

---

Readable text at the beginning of the virus:

```
'dos.library'  
'S:'  
'FUCK BOBO AND JEWISH AXE! SIEG HEIL! GAS'  
' ROOLEZ! BEEEAVERS!'
```

File 2 (Exe\_this\_first!.exe):  
-----

Filelength: 15308 bytes non packed

This is nearly the same formatter routine like in the MChat Virus and the Anthrox Chat 3.0. This time the formatterthings were put in the beginning. Come on guys ! Stop producing this shit !

(For more infos read at the  
MChat~chapter)

Detection tested ←  
07.03.1994.

## 1.64 LHA 3.00 BBS Hacker

Lha Checker 1.1 BBS trojan horse:  
-----

Filelength: 3836 bytes (not crunched)

This is supposed to be a LHA checker (for AmiExpress). At the end of the file there can be found a BBS trojan, which scans the user data and handles with the files "ram:m1.dax" and "God-fbtr.lha".

If the SnoopDos Task is found, the virus will do nothing. All important texts are crypted. It seems that no ordinary linker was used for this virus. Probably someone resourced the original LHA Checker and added the viruscode. The virus is written in assembler(at least I think so).

Detection tested on 06.03.1994.

Special thanks to VirDown! for this virus !

## 1.65 AAA-Enhancer Bomb

---



AAA-Enhancer Bomb 4.8:

-----

Filelength: 3984 (not crunched)

Patches the DosWrite() vector.

Works with Kickstart 3.x.

This programm claims to be a programm that activates the new AAA modes in the latest update of the AA chips. Pure bullshit. If you start it, the DosWrite Vector will be changed and strings will be exchanged. As a result many programmes do not work, because strings (or commands) are not valid etc.

The writeaccess will be very strong slowed down and so you can recognize this virus.

The programm tries to damage the reputation of SHI.

VirusWorkshop is not abel to find the damaged files, because I know no way to distinguish between a normal and a damaged file in this special case because of no recognition code string !

Exchange Tables for the patched DosWrite routine:

-----

|            |            |
|------------|------------|
| 'perverse' | 'reliable' |
| 'Computer' | 'vibrator' |
| 'sexual'   | 'actual'   |
| 'friend'   | 'bugger'   |
| 'pocket'   | 'vagina'   |
| 'follow'   | 'Computer' |
| 'stroke'   | 'randy'    |
| 'ready'    | 'blood'    |
| 'sperm'    | 'bitch'    |
| 'woman'    | head'      |
| 'hole'     | 'rich'     |
| 'poor'     | 'warm'     |
| 'cold'     | 'open'     |
| 'lock'     | 'love'     |
| 'hate'     | 'meet'     |
| 'fuck'     | 'lift'     |
| 'drop'     | 'girl'     |
| 'wife'     | 'kill'     |
| 'kiss'     | 'look'     |
| 'piss'     | 'nice'     |
| 'shit'     | 'soft'     |
| 'hard'     | 'ball'     |
| 'hand'     | 'cock'     |
| 'nose'     | 'dear'     |
| 'dead'     | 'skin'     |
| 'cunt'     | 'egg'      |
| 'lip'      | 'car'      |
| 'ass'      | '0'        |

```

'9'          '1'
'8'          '2'
'7'          '3'
'6'          4
'5'

'vibrator'  'actual'
'sexual'    'bugger'
'friend'    'vagina'
'pocket'    'stroke'
'follow'    'ready'
'randy'     'sperm'
'blood'     'woman'
'bitch'     'hole'
'head'      'poor'
'rich'      'cold'
'warm'      'lock'
'open'      'hate'
'love'      'fuck'
'meet'      'drop'
'lift'      'wife'
'girl'      'kiss'
'kill'      'piss'
'look'      'shit'
'nice'      'hard'
'soft'      'hand'
'ball'      'nose'
'cock'      'dead'
'dear'      'cunt'
'skin'      'lip'
'egg'              'ass'
'car'              '9'
'0'                '8'
'1'                '7'
'2'                '6'
'3'                '5'
'4'

```

Text in the virus, which will be never printed out to the window(names have been erased to protect the innocence):

-----

```

'SHIxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx'
'xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx'
'xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx'
'xxxxxxx, I thought of him as my friend, '
'offered me (xxxxxxxxxxxxxxxxxxxx) 100$ Dollar '
'for writing a new kind of virus, he said'
', this would be necessary to control the'
' development of future viruses. After fi'
'nishing the virus and sending to xxxx, I'
' had to promise to destroy all my data a'
'bout this virus, so that xxxx is the onl'
'y person owning this virus. Now I found '

```

```
'out, that xxxx is contacting all Amiga-M'
'agazines and offers a hot story about a '
'brand new and very dangerous virus, xxxx'
'demands 100$ for this information, by t'
'his way xxxx gets rich and famous and is'
'respected as a great fighter against vi'
'ruses. But as you see there is some huge'
'perversity inside, because not able to '
'program his own viruses, xxxx hires viru'
'sprogrammers and tries to make profit of '
'the resulting viruses. Really pervers!! '
'I (xxxxxxxxxxxxxxxx) did this virus only f'
'or testing-purposes, and nobody except x'
'xxx got this virus from me. So if this v'
'irus should become public, then xxxx is '
'to be held responsible for it. Blame him'
', not me, Yes Blame him, because xxxx is'
'a shameful and deceitful person! '
```

Name of the window:

-----

```
'RAW:0/0/640/200/AAA-Enhancer 4.8 by xxx'
'xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx'
```

Text printed on the window:

-----

```
'Activates the hidden AAA-features in A120'
'0 and A4000, because Beta-AAA-Chips'
'are used instead of AA-Chips since June '
'93 !!!'
'The new revolutionary AAA-graphics-chi'
'ps with a maximum of 3072 * 1536'
'Pixels are nearly finished. '
'They come with a so called'
'AA-compatibility-mode, in which they'
'behave 100% like the old'
'AA-graphics-chips. The AA-compatibili'
'ty-mode works fine, and therefore'
'Commodore can use the actual Beta-AAA-'
'Chips for AA-Chips, because this is'
'cheaper than producing two diffe'
'rent graphics-chip-sets. The new'
'AAA-graphics-modes are not yet 100'
'% implemented, but the greatest'
'AAA-feature is already working. It is '
'called MaxMode and offers you 3072 *'
'536 Pixels. AAA-MaxMode is not ye'
't supported by Kickstart3.0, so'
'AAA-Enhancer patches the Write()-vector'
'to set MaxMode-Bit. Now MaxMode is'
'activated and can be selected in ScreenMode-Prefs.'
```

'If you have an older A1200,A4000 with the'
'Original-AA-Chips, than of course'

```
'ScreenMode-prefs cannot offer you MaxMode,'
' because setting MaxMode-Bit has'
'no effect with AA-Chips.'
'but AA-Enhancer is useful for AA-Amigas '
'too, because it cures the following'
'bug. AA-Chips access mememory four '
'times faster than ECS-Chips, some'
'AM-chips are driven to their limits to'
' follow this speed and have no more'
'time to refresh their banks. So, esp'
'ecially in a heay multitasking load,'
'its can change, a very hard to reproduce'
' bug, so if your Amiga often gurus,'
'than always run AA-Enhancer (startup-ser'
'quence or WBstartup), it will help !'
```

(This text is pure bullshit, so don't care about it !!!)

Detection tested on 23.02.1994.

## 1.66 DDREAM

Digital Dream Installer:

-----

Packed filelength:6496 Unpacked length:9960

The file is packed with PP2.x ! It installs the Digital Dream Virus. Read in the bootblock section !  
It pretends to be a viruskiller for an old filevirus.

## 1.67 Tool22

ToolsDaemon 2.2 Fake Virus:

-----

Filelength of the mainprogramm: 7128 bytes  
Filelength of the new written file: 784 bytes

The mainprogramm, a ToolsDeaemon with linked virus, installs a process ("Background\_Process") and writes a new file ("S:mount") to disc. This file and the process contain a very strong routine, which reduces all filelengths from the devices df0,hd0,sys,ram,df1,df2 to 42 bytes ( You remember: Douglas Adams "Hitchhikers Guide through Gala...").

Such destruction routines have been seen in the public at eg. PP bomb and so on. So think about a good and actual backup !

## 1.68 DagInst

DAG Virus Installer:  
-----

Filelength: 7360 bytes

This file installs the DAG bootblock to dfx.

Detection tested 2/94

## 1.69 execb

Excrement Bootblockvirus Installer:  
-----

Length: 1068 bytes

This file simply installs the EXCREMENT bootblockvirus to memory. The coolcapture will be changed. VirusWorkshop repairs the changed vector and can kill the fucking virus !

Detection tested on 24.01.1994.

## 1.70 excre

Excreminator Virus 1:  
-----

Filelength: 2392

This is a very lame trojan horse. It changes NO vectors in memory. It simply loads at each call the file "df0:libs/exec.library" and works with this 4 byte long file. The counter will be set to 5. If the value reaches 0 (by counting -1), all drives will be formatted using a very lame hardware routine, which does not work on faster processors because of timing problem. The virus tries to cheat the user. It writes messages, that it is searching for virus etc. But it does not search, it simply uses the DOS delay routines to wait some seconds.

Remember: This was a work of beginners. Some words to you: Better play with your joysticks !!!

This virus looks like a work of one hour. The formatroutine

---

looks very similar to a routine published in a big german book company and the rest code is lame....

```
"intuition.library"  
"df0:libs/Exec.library"  
"df0:Libs"  
"-*- Excreminator V1.0 -*-"  
"Written by ',27,'The Lame Trio (TLT)',27,' in 1991"  
"Memory Check ..."  
"Checking BootBlock for Virus ..."  
" OK! No Virus found!"  
"ALL DRIVES FUCKED UP! LAME SUCKER !!!"  
"#Use a better Viruskiller next time!"  
"-e.g. Excreminator II HAAAAHA"
```

Detection tested:

Somewhen in 1993

## 1.71 MuiGui

Filelength: 15140 bytes

This programm, which is linked before MuiGui, tries to install a virus. The installer is very lame coded and contains direct memory access routines in the 32 BIT fastram(is the programmer a user of a TURBOboard?).

Some exaples for direct memory access:

```
MOVE.L      D0,$07EC125C.L  
MOVE.L      #$07EC124C,$000E(A1)
```

Detection tested on 22.1.1994.

## 1.72 Tai10

TAI 10 Installer:  
-----

Filelength: 12952 bytes  
other possible name: Enforcer 37.76 Fake Virus

This programm, which is linked before Enforcer, tries to install a virus. The installer is very lame coded and contains direct memory access routines in the 32 BIT fastram(is the programmer a user of a TURBOboard?).

---

Some exaples for direct memory access:

```
MOVE.L      D0,$07EC125C.L
MOVE.L      #$07EC124C,$000E(A1)
```

Visible texts in the installer:

```
'trackdisk.device'
'Nudos.library'
'Don^t change or delete ! '
'This is a resident viruskiller ! '
'press the left mouse to kill bootvirus..'
'!',27,'TAI 10'
'_'
'SUSPICIOUS BOOTBLOCK FOUND...'
'.M.:VIRUSKILL'
'R.M. : GO ON '
```

P.S. At the testdate there is , as far as I know, NO Enforcer 37.76 on the market.

Detection tested on 22.1.1994.

## 1.73 vcheck

Virus-Checker 6.4 Fake Virus:

-----  
This is a simple Compophazygote Clone.

Only the visible texts have been changed:

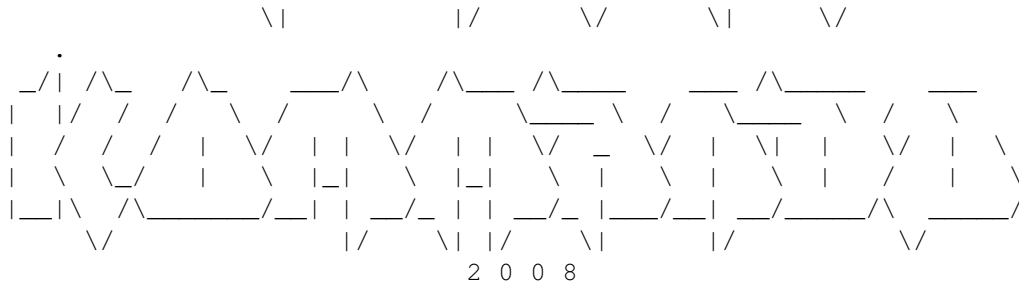
```
' :c/Virus_Checker',0
' :c/Virus_Checker',0
' :c/Virus_Checker',0
'This is a SHI Antivirus , use this great'
' utility'
'They have the best viruskillers of the world,'
', join SHI !'
' Only SHI has all virii for the amiga computer,'
'mputer, nobody else !'
'Virus_Checker V6.4 by John Veldthuis '
'Checking DF0: For Viruses'
```

Guys ! Better play with your joystick, instead of creating such a bullshit !

---







Hack Mania is DEAD !

-----

-----

Soo what' next ?

Mongo is here to rule !

---



This virus is quite clever. It adds 2 hunks to the file. The first hunk will be linked before the file and the other hunk will be added behind the file. The first hunk creates a process with the data of the last hunk.DOSWRITE will be changed.

I could not manage to spread the virus. Everything was tried but I could not figure out how to spread it. A real repairroutine was not included in VirusWorkshop, because I think that only one testfile is too less. VW now only deletes the infected file.

The linkroutine only knows a very low amount of hunks and is not the state of the art.

The installed process has always another name,because the Exec Tasklist will be used to create the Procname.

The virus contains a DATESTAMP routine. On 07.2.1994. the virus will start to destroy all DATA and no spreadry will be performed.

The memorykill routine fills up the process with 1037 \* "RTS". All routines will be overwritten and no damage can be caused by this process. Other viruskillers try to rem. the process, but it's much easier only to deactivate the thing.

A formatroutine is in this file. The mainfile is about 3000 bytes longer than the real VirusZ version and contains at the end of the file the virus-code. The DOSlist will be scanned and several sectors will be overwritten via EXECs DOIO and the blocks will be filled up with "BURN"s. The string "BURN" cannot be read as in the Bossnuke Virus("DOS3"s).

The longword will be created in this way:

```
move.l      #$5171c5c8,d1
eori.l      #$13249786,d1 ="BURN"
```

The routine is very similar to another formatroutine,which appeared in the last weeks. This was the Bossnuke Virus.

Detection tested on 18.1.1994.

Special thanks go to Cranc/LOGIC for supplying me with the info about a virus in a fake version.

BURN Virus 2(or TYP B like in VT):

-----

---

Increases an infected file by 2428 bytes.

Differences to Version A:

-----  
A different time routine, but still the pure destroying-  
code will be activated at 7.Feb 1994. A little bit changed  
cryptroutine for the formatlw "BURN". Some changes in the  
infection(spread) routine. Due to a strong bug in the  
cryptroutine for the longword "BURN", this word will be  
never created(Thanks must go to Ingo Schmidt for this  
hint:You really not needed to trash a SYQUEST to test it).

Version A did not spread ! Version B can be easily spread.

Many mistakes in the code (hunks!). VirusWorkshop can fix  
(hopefully) all bugs made by this virus. It corrects the  
HUNK RELOC32. Make a copy before repairing this file !

Many links are possible. I have stopped counting at 20  
links.

Detection in RAM and file tested  
09.02.1994.

Special thanks must go J.Walker/TRSi for the really hyper-  
fast supply with this virus. Thanks again !

Comment 26.09.1994: The linkroutine from the BURN 2(B) virus  
will be used by the viewtek22 virus (vtek22).

Information~about~the~ViewTek22~Virus!

## 1.77 ax320

Hacked AmiExpress version 3.20:

-----  
This should be a cracked AmiExpress version. I have heard that  
it contains several backdoors. Be carefull...

The file was spread under the name : zk-320.lha. In this  
special case I can only say, that I heard it from several sides  
that this file contains many backdoors.

---



I saw several warnings concernig this 75476 bytes long file.

Shortcut from the first warning:

WARNING WARNING WARNING WARNING WARNING WARNING WARNING WARNING WARNING  
-----

I Just wanna inform all of you /X sysops, than a file -L-STOCK.LHA (a door game for /X) has a fucking BACKDOOR !!!!

If you enter BUY option and write a number highest than possible (for example a number 20 or 100 or any more than allowed than your Upload Status will be restored to 0 !!!!! 0 bytes !!!!! All your uploads will be canceled!

Oh what a fucking lamers are in LEGEND !!! Shit !!!

Discovered by EaSy RiDeR/MYSTIC  
-----

I don't know, if it's a real backdoor or only a programming bug (I don't have /X). So be carefull with it.

Detection tested 12.1.1994.

## 1.79 PHA

Fake Phenomena Intro Virus (?):  
-----

Filelength: 57508

This file is crunched with Spike 1.6 and claims to be an intro by Phenomena. BUT if you start this file, an endless loop will be activated. A file will be opened ( always with oldmode and the with newmode). This procedure does not stop. You have to reset the computer. If the opening process fails, the computer crashes.

It was uploaded to the fast german BBSs at 1.1.1994.

PHA-1994.EXE N 57508 01-01-94  
P H E N O M E N A ' 9 3 - SWEDISH ELITE!  
BRINGS YOU : 1994! HAPPY NEW YEAR [-K;T!]

On Cauldron the following warning was spread:

FAKE! FAKE! FAKE! FAKE! FAKE! FAKE! FAKE! FAKE! FAKE! FAKE! FAKE! FAKE!

THE SO CALLED "PHENOMENA - HAPPY NEW YEAR DEMO" IS A FUCKING FAKE! IT  
WILL FUCK YOUR HARD DISK AND CHANGE A LOT OF FILES IN THE S: DIREC-  
TORY! MOST OF YOUR FILES IN THIS DIRECTORY BECOME UNREADABLE!

IF YOU GO INTO THESE FILES YOU CAN SEE A TEXT:

".. DR WHO WISHS YOU A HAPPY NEW YEAR .. PHUCK THESE GUYS (some names  
are listed) .." FUCK THIS FUCKING ASSHOLE!

FAITHFULLY,

CAP/SUPPLEX

FAKE! FAKE! FAKE! FAKE! FAKE! FAKE! FAKE! FAKE! FAKE! FAKE! FAKE! FAKE!  
/\ .\_\_\_\_:\_ \_

---

I could not resource this file because of timeproblems (VW had to be released). I have tested it on my harddisk, but nothing happened (only this nasty fileopen/close). Files in the S-Direc. were at my AMIGA not changed. But for sure, this is not a demo from Phenomena.

Detection tested 5.1.1994.

## 1.80 Kef\_ani

Kef\_Ani BBS Virus:  
-----

Filelenght: 1795068 bytes

This programm claims to be a preview from a demo by Kefrens, which should be released at THE PARTY III in Denmark. This very short LHA archive (170KB) only contained this very long file, which contains the virus. The virus is the CLP\_Wow.exe virus (read this docs,too). The virus is VERY lame coded and seems to work nowhere. I have tested it on several computers, but always a crash. I resourced the file and found lots of bugs. Lame work. Stop doing this and code some usefull programms !!!

---



In the first 1024 bytes you can read:

```
'BBS:'  
'dR.WHo oF ALiEN LiFE FoRM (A.L.F) DESTRoYS AGAiN'  
'! HAHAAH! ;)'
```

This text should be written to all files in the  
BBS: directory.

Detection tested on  
1.1.1994.

NOTE: This virus was linked with the 4eb9 linker !!!

Thanks must go to AtomiX for supplying me with the  
information that this virus is in circulation.

## 1.81 Ua62

UA Dialer 6.2 Fake Virus:  
-----

Filelength: 26868 bytes

This claims to be a new update of the famous UADialer. If  
you start this programm, the files BBS:user.data and  
BBS:user.keys will be read and the first 54 bytes will be  
replaced by

```
'dR.WHo oF ALF (ALiEN LiFE FoRM) WiSHES U A MERRY'  
' X-MAS!'
```

(This is the sysop account !)

Shortcut from the document:

! B R A I N S T O R M !

UA-DIALER V6.2

```
>NO DOX NEEDED! JUST FIND IT OUT! THE DIALER WILL TRY TO CONVERT<  
>THE OLD CONFIGS THE FIRST TIME YOU START IT! MAY TAKE AWHILE  
SCANNING!<
```

JHON/BRAINSTORM -93!

---

I have only heard that BRAINSTORM is dead.

Detection tested on 29.12.93.

Thanks must go Atomix for sending this virus. Thanks again pal !

## 1.82 JOKE

VirusHunter 3.2 Gagvirus Fake:  
-----

Length: 4528

This programm claims to be a viruschecker. It checks your memory and says always that it found a Lamer9 and simulates a Reset. It's relly lame because on a A4000 with Kick3.1 the "hand" from Kickstart 1.x comes back. I don't like such jokes and therefor VirusWorkshop offers you to kill this programm.

This text you can see at the bottom of the file:

```
'intuition.library',0
'graphics.library',0
'CON:0/10/640/190/Hardware-Virus-Hunter',0
'Welcome to Hardware-Virus-Hunter'
'Version 10.20 on 21.07.92 by Tobias Eckert'
'This program is ShareWare. If you like it,'
'please send me : 20,00'
'Self-Checking for Virus-Infektion ... '
'Virus-Checker is healthy'
'Checking Batterie backed up clock ... '
'Your clock is healthy'
'Checking Monitor ... '
'Your Monitor is healthy'
'Checking Rom-Vektors '
'Rom is infected!!!'
'Scanning type of Virus ... '
'Found Lamer9-Exterminator-Virus'
'Checking for damage ... '
'Agnus Sound-Registers are destroyed'
'You have to replace your Agnus!!!'
'Please check doc-file for adress of your '
'local dealer.'
```

```
'Rom-Virus-Killing in progress...'
```

```
'Delete Kick-Rom ... '
```

```
'done'
```

```
'Rebooting Kickstart...'
```

```
'HA!ASSHOLE!...'
```



This is (again,,bah) a lame /X backdoor, who writes a new user to the system. Great work. Not to mention that this virus was again made with the help of the

4eb9~linker

. I

am searching for this linker since the last 4 months !!!!

VT and VirusWorkshop recognizes this file as 4eb9 file. I have included a special recognition routine for this virus.

Comment 11.07.1994: Finally recieved the 4eb9 linker and analyzed it. Thanks Krzystof !

Shortcut from the Master-Who.doc file:

```
*****
*
*          MASTER-WHO V1.1          *
*
*
*****
```

Featuring

-----

- Automatically determines how many nodes are running (<= 9 nodes).
- Shows Node number , Name , Location and Action.
- The fastest who door available (100% 68000 Assembler).
- The shortest who door available.
- Tracks even loss of carriers.
- Show full action in your Kickstart workbench 1.3 2.0
- Show download files

I don't know, if this utiltie is existing in real, too...

Detection tested 28.12.1993.

Information~about~4eb9~linkers

## 1.85 GHOST1

Fileghost Virus Installers I+II:

-----

Filelength: 8160 Bytes (first one)  
8116 Bytes (second one)

This file claims to be a speedup system for loading files. In the text it's said that the LOADSEG und NEWLOADSEG vectors will be changed. Yes, that's true, but only the virus will be installed and nothing else.

Quite intelligent.

The file which was in my archiv, is not startable, because the file was changed by 1 byte.

```
' find DH0:C/SETPATCH!'
'» Can't load Setpatch.Maybe read-protected'
'HardSpeeder © by Christian Neumann.'
'Patch installed....'
'This Utility was written for HardDisk-'
'Users.'
'Especially for Sysops.'
'The HardSpeeder installs a Patch in the'
'LoadSeg and NewLoadSeg - Vektor.'
'After the installation it will load ALL P'
'rograms faster than usually.'
'HardSpeeder needs SETPATCH installed '
'in DH0:C !!!'
'© by Christian Neumann (Public Domain - '
'USE IT!!)'
```

Both installers activate the same virus. Nothing has changed !  
After the file "dh0:c/setpatch" was found, the virus will be activated.

Differences between the first and the second installer: The second installer crashes at WB start, due to missing startup.

Both installers try to install the Fileghost 1 virus !

Detection tested 28.12.1993.

Detection retested for the new installer 08.07.1994.

Fileghost~LinkVirus~I+II

## 1.86 ghost2

---

## Fileghost Virus I:

-----

Works with Kickstart 3.1 and MC68040 !

Is able to overjump symbol and debughunks at the beginning of the file.

This is a linkvirus, which adds NO hunk to the infected file. It will increase the first hunk (876 bytes) and changes the "RTS" at the end of the hunk or tries to go back several steps and searches for a "RTS". This "RTS" will be replaced by a "BRA XYZ". -> A virustype like Infiltrator, DA and others.

The virus changed DOS(NEW)Loadseg and Exec Forbid. No reset-vectors will be changed.

At the end of the file you can read:  
(this text ist mostly decrypted by a "eor.b d0,(0)+" routine.  
Nothing special...

```
'dos.library'  
'Hi Friend! Don't worry... It's only the '  
'FileGhost.'
```

## Fileghost Virus II:

-----

Works with Kickstart 3.1 and MC68040

Please not, that this virus will be not installed by the recognized Installer II !!!!

This is a linkvirus, which adds NO hunk to the infected file. It will increase the first hunk (796 bytes) and changes the "RTS" at the end of the hunk or tries to go back several steps and searches for a "RTS". This "RTS" will be replaced by a "BRA XYZ". -> A virustype like Infiltrator, DA and others.

The \$3e8 hunks will be overjumped. Caution ! Read the DHunk documentation !

The virus changes DOSLoadseg. No resetvectors will be changed.

Selfrecognitioncode in memory: Test for the single longword:  
\$ABCD1234

At the end of the file you can read:  
(this text ist mostly decrypted by a "add.b d0,(0)+" routine.

---

Nothing special...

FileGhost 2 - Merry X-Mas and a happy new year...

Fileghost~LinkVirus~Installer~I+II

Detection for the Fileghost2 ←  
tested  
26.09.1994.

Comment 11.10.1994: As far as I know this virus is very wide spreaded in Germany. Many PD disks are infected and even a CD was infected and NOT released.

I have just found a bug in my memorycheck routine, which I have now fixed. Sorry guys...

## 1.87 BootX

BootX Recoqfile Updater Fake Virus:

-----  
Filelength: 2052

This file appeared on an american BBS system and was spreaded as BootX updater. This is a trojan horse containing only a formatteroutine. I think the purpose of this programm is to damage the reputation of SHI.

The virus opens a window with the following text:

```
'RAW:0/0/640/200/BootX-Updater by SHI Safe'      <Winname>
'Hex International, Erik Loevendahl Soerensen'
'dos.library'
'This program updates the BootX-Recognition-'
'Files, so BootX will know 87 new'
'viruses. Sometimes the update-procedure fails'
' and your (hard)disk will be'
'quick-formatted, but this is not a big bug'
', simply use an undelete-tool like'
'quaterback-tools or disksalv. But mostly'
' updating works fine and the result'
'is a new powerful BootX-Version! Even '
'better, some people think of the'
'quick-formatting-bug as a great feature, '
'because by quick-formatting all'
'viruses get destroyed, so everybody should'
' use BootX-Updater!!'
'You can become a member of the famous SHI-'
```

```
'organization, if you supply SHI'
'with at least one virus per month. Self-'
'-programming of viruses is very'
'welcome, by this way we will learn about'
' future virus-techniques and we'
'can control anything, both viruses and '
'antiviruses. It is absolutely legal'
'to program viruses, because SHI doesn't '
'spread these viruses.'
```

Only programmers of antivirusprograms can  
get these new viruses from SHI,  
Either by exchanging viruses or by paying  
5\$ for each 1 KB Virus. I think  
this is a fair price for all the idealistic  
work, SHI is doing. So if you are  
able to supply us with at least one new  
virus per month, join SHI'

```
'
'          SHI          Safe Hex '
'International'
'Erik Loevendahl Soerensen (also known as '
'the master of the virus-universe',27,')'
'          Snaphanevej 10, 4720 Praestoe'
' Denmark - Europe'
'sys:system/format ..... '          <Formatcommand>
```

Detection tested 30.12.1993.

## 1.88 CLP\_WOW

CLP\_WOW.exe Virus:

-----

The warning that a destroyerfile called "CLP\_WOW.exe" is in circulation appeared 21.12.1993. I started searching for this virus like hell. But I did not find it on the german systems.

On the 24.12.1993. at 21.00 o'clock I found a file called "clpvirus.txt" on a fast german BBS system. The file came from the USA (Planet X) and contained a complete disassembly of the virus and a warning.

A big sorry to all friends, who I nerved with always calling and asking for this virus.

The sourcecode was complete and so I assembled it with 4 assemblers (OMA 2.05 (opt,nonopt) ASM-ONE (opt,nonopt)) and included the recognition routines for this virus.

I hope that the original file will be recognized. Due to the case that the whole source was in this file, it's very possible that clones appear.



Inner workings of this virus:

-----  
The S: directory will be scanned and all files will be loaded. Then the loaded will be overwritten (ca. the first 200 bytes) by a lame text and the file will be written back. No rescue for executable files is possible.

Another point: The virus is so buggy that it crashes at all of my systems and no danger is caused. The LAMERS made several mistakes.

This file seems to be spread together with the archive "bullet.lha".

At the end of the file can be read:

```
"Isn't CUTE LITTLE PONNIES just a nice group!?!... hahahaha!"
"  Fuck off... Next time we will be even MORE nice...      "
"  MONO oF CUTE LITTLE PONNIES! HAHAAHAHAH!                Oups."
".. Hope we didn''t destroy any valuable configs in ure "
"S-drawer... ahahhHHAAHAHAHAHH!!!!!!!!!!                Ok, have fun, anbd"
" don''t 4get to call again!  HAHA!  '
```

Comment 29.12.1993.:

-----  
A cracked version of /X 3.19 appeared on the boards. This version was cracked by Mono of Cute little Ponnies. Same name. I saw a warning that this /X release contain a backdoor.

NOTE to the man who disassembled this virus:

-----  
Never spread a complete sourcecode of a virus ! Some lame guys could assemble and spread the file again. You are right if you say that this virus is VERY lame coded but the damage is too big....If you have the original virusfile, I would be happy, if you could send it to me. Or upload it to one of TRSi's Boards and ask the Sysop to post it to me....

I have tried to start the new assembled files, but the programm failed.

---

Comment 12.03.1994: A lot of such based programmes have serious problems.

## 1.89 ATARI

ATARI Virus:

-----

This virus is a simple BSG9 clone. Nothing more to say about it. Kids, play with your joysticks but do not produce such lame virusclone, which every better viruskiller recognizes( or should recognize!) !

Detection tested on 7.12.1993.

## 1.90 Levis

Leviathan Virus (Bootblock+File):

-----

This virus is a quite tricky combination between BB and file virus. It can be written as a normal bootblock to disk and it can write a file in the first position of the Startup-Sequence.

The virus uses the memory from \$7f000-\$7e000 direct. At first the viruscode will be copied and after this, the memoryblock will be allocated.

ColdCapture, OldOpenLibrary and DoIO will be changed. The Coldcapture Routine initializes the DoIo and the Old-Openroutines.

I have tested this virus with a normal A500+ and an A4000 but the ResetRoutine of this virus does not work on this computers. You have to coldreset your machine.

At the end there is a crypted textblock:

```
'YOU ARE THE OWNER OF A NEW GENERATION OF'  
'VIRUS! IT FUCKS YOUR STARTUP-SEQUENCE! '  
'HAVE FUN.... '
```

In this virus was no special destroy routine found (except the BB write command).

---

Detection tested 6.12.1993.

## 1.91 Conman3

```
ConMan
Dir Virus Installer:
-----
```

```
Filelength: 20980 (packed with
TurboSqueeze~6.1
) bytes
24340 (unpacked) bytes.
```

This is the installer for the ConMan Dir virus. At the start it checks for the taskname "CONMAN-Virus". If this name is existing, the virus will be not activated. The virus was linked using the 4eb9 linker to an USSR modemsetter. After this progress, the virus was packed with the Turbo-Squeeze 6.1 packer, which was used at the Dir Virus, too.

If you depack the file (using Xfdmaster Library, Decrunch Library does not recognize it), you can read the "normal" texts like "Snoopdos" or "dos.library".

The above mentioned "CONMAN -Virus" task will be not installed by the installer. I think, that it's somekind of selfprotection.

The installer crashes on 68040 machines with activated caches.

Detection tested 10.04.1994.

For more information concerning the ConMan Dir Virus simply

click~me!

.

Information~about~4eb9~linkers

## 1.92 Conman2

```
ConMan
Dir Virus:
-----
```

---

Filelength: 4004 bytes (using TurboSqueeze 6.1" link "Document\_0" 0})  
8456 bytes unpacked

This virus creates a new process with the name "Workbench ". It writes a new Dir Command and tries to damage several other files (L:RAM-Handler,Devs:System-Configuration,C:Loadwb).

No spreading was possible on a normal (not accelerated) A500+. On an AMIGA 4000/40 the virus could be started and wrote a new dircommand. The virus does not work with activated caches. It will simply crash.

VirusWorkshop removes the process NOT. It simply fills up the whole process with "RTS". Sorry guys. I have tried to remove the task, but after some crashes (mainly on slower machines), I stopped this project.

The virus will sometimes display an alert and after you have pressed a mousebutton, the value \$fa0 will be written to the interrupt enable register. All disk/keyboard actions will be disabled.

Alerttext:

-----

THIS IS NOT A SYSTEM ALERT! THIS IS THE NEW CONMAN-TROJAN VIRUS

ALL DISK ACTIVITIES WILL BE DISABLED!

GREETINGS TO JOE/DEFJAM BRUCE/DEFJAM NATAS/DEFJAM ALEX/DEFJAM AND DOC!

---

CONTACT ME xxx-xxx-xx-xx USR 14.4 NO STUFF! ONLY VIRUS-PROGRAMMER AREA!

Detection tested 30.03.1994.  
Ramdetection tested 31.03.1994.

### 1.93 Conman

ConMan  
Virus:  
-----

This is a trojan horse against the AmiExpress mailbox system. It tries to work with the User Files from the /X System, but it's so lame coded, that it has several problems with it.

This virus probably appears as the ARTM2.3 fake Virus because the virus is linked at ARTM.

The viruses uses memory at \$4f000 to decode a little string saying: "CONMAN/HACKMASTER/93/TROJAN-Virus".

The whole virus looks like a work from a beginner, who once read an article about /X ! Better play with your joystick !

The virus does not work on an AMIGA with MC68000 processors, because the virus decodes a string at a nonequal adress!

Other possible name: ARTM BBS Virus

---

-----  
Comment 19.12.1993.: Today I got the message on Diabolo to  
take care of my pws, because  
    ConMan  
    tried to hack mailboxes  
in the last days. It seems to be an active hacker ....

Detection tested 6.12.1993.

## 1.94 Vmaker

ComaVirusmaker by TAI-Pan and VirusMaker 1.0 Installer:  
-----

Both programmms offer the user the possibility to install  
various viruses (Lameblame,Chaos,Gadaffi,Ass,ByteBandit,  
Sca....). The programmms are only simple installers, but  
I decided to include this both files.

The files are VERY old and I think that nearly nobody  
uses this crap but who knows.

Detection tested on 20.11.1993.

## 1.95 Sep2.26

Sepultura 2.26 Virus:  
-----

Works with MC68040 (without caches) and Kickstart 3.0

It patches:

DosLoadseg()  
DosRename()  
DosDelete()  
DosLock()  
DosOpen()

No resetvectors will be changed !

The virus writes a not visible file to drive df0. It makes the  
Startup-Sequence 5 bytes longer and inserts its own filename at  
the top of the Startup-Sequence.

At the bottom you can read (after decoding it):

'Wer schaut mich an in dieser Eil sind '

---

```
'wir etwa nötig geil? Bitte, bitte laß mich'
'da, sonst sag ichs meinem Großpapa.'
' (w) Sepultura (V2.26)'
```

The adress \$7fff0.1 will be accessed without allocating it !  
The virus will be crypted with a value out of \$dff006 (VBI).

Detection tested on 17.11.1993.  
Ramkill tested on 17.11.1993.

## 1.96 BOSS

Bossnuke 1.5ß Trojan horse virus:  
-----

Bossnuke is one of the best (maybe the best) nuker for the AmiExpress mailbox system. The "new" bossnuke release contains a virus !!!

The programm ULOG.X (length 18560 bytes) writes to files on your drive:

```
'BBS:COMMANDS/BBSCMD/L.info' ( 1060 bytes long)
'doors:scan.x' ( 712 bytes long)
```

The second file contains a formatroutine, which writes only "DOS3s" to your drive. It will scan the devicelist and write via CMD\_Write. No chance to rescue a file, which contains such a buggy block.

Detection tested on 17.11.1993.

Special thanks go to No Limit/TRSI for keeping this virus for me...

\*\*\*\*\*

Comment from BIGBOSS to the fake release:

BOSSNUKE v1.5 is totally FAKE and never has been released by me (BIG BOSS). I have released v1.0 and have included v2.0 in the utility package available on Mirage or any amiexpress support bbs. If you are running BOSSNUKEv1.5, remove it immediately!

For all of you out there running BossNuke v1.0, I will \*NEVER\* update the ulog.x file. It is the same one that was being used in v1.0 that can still be used now for v2.0. In my utility

package is a version of ULOG.X that is different than the bossnuke version, but this contains the special FILE\_ID.DIZ extraction routines and also BOSSTOP weekly routines. This will never be released in any version of BOSSNUKE.

If you ever get a new version of bossnuke, make sure that you do not install a new ulog.x. You can use the one out of the old v1.0. If you have purchased the bossutility package, then the ulog.x in there is with the extra features and can be trusted.

Do not trust any BOSSUTILS that you do not download off MIRAGE or any amiexpress support bbs.

Big Boss/Author of BossNuke

\*\*\*\*\*

## 1.97 Megalink

Megalink Virus:

-----

This virus works like the old IRQ Team linkvirus. A hunk will be added (length \$fd\*4) and the file will be 1044 bytes longer. The virus contains no routine, which makes it reset proof. The virus does not patch a library.

Detection and Repairroutines tested on  
14.11.1993.

## 1.98 SeekSpeed

SeekSpeed Trojan Horse:

-----

This is a Jeff Butonic 3.00 linked together with SeekSpeed 37.10 by R.Waspe. The used linker was the Hunclab by United Forces (Cachet).

Due to the case that everyone can get the original SeekSpeed programm, this time no repairroutine.

Thanks must go to KARAM for sending this virus.

Detection tested on 20.10.93.



Information~about~Jeff~Butonic~3.00

## 1.99 NAST

The Nast Virus is 2608 bytes long and can be seen as a clone from the BGS9 etc. familie. Nothing more to say about it.

## 1.100 DarkAvenger

Dark Avenger Link Virus:

-----

Type A:

This virus is a linkvirus like the Infiltrator Virus. It changes the first longword in the first hunk and activates itself in this way.

The first hunk will be 1128 bytes longer. The virus itself is crypted and the code changes every time. That is a new technique on the AMIGA. You can not test at special addresses....

The virus patches the DOSOPEN vector and is not resident. All files longer than \$186a0 and shorter than \$7d0 bytes will be not infected. The virus allocates \$18c7c bytes memory for all actions.

Sometimes (after infections) the virus changes the the window-title to "-- The Dark Avenger --".

It should work on all OS2.0 Kickstart systems and works with the MC68040 (all caches avaible).

Detection and repairroutine tested  
on 8.10.1993.  
Memorycheck & DosOpenrescue tested  
on 9.10.1993.

Please make always a backup of the infected file and then try to repair the file !!!

Typ B:

This virus is a linkvirus like the Infiltrator Virus. It changes the first longword in the first hunk and activates itself in

this way.

The first hunk will be 1072 bytes longer. The virus itself is crypted. The first LW is in the crypted part of the virus. It patches the DOSOPEN vector and changes no resetvectors at all.

The virus itself works on MC68040 but take care of the caches !!

Detection and repairroutine tested  
on 9.10.1993.  
Memorycheck & DosOpenrescue tested  
on 9.10.1993.

It is not possible that each type links 2 times behind on a file. But it is possible that a file will be infected by Typ A then by TypB and again by Typ A. I have made a file containig 20 links !!!!

Please make always a backup of the infected file and then try to repair the file !!!

## 1.101 ZAPA-Dms

The Dms 1.12 Turbo Fake Virus (Zapa-Adder):  
-----

Filelength: 7636 Bytes

This is a patched version of DMS 1.11 Turbo Generic. It contains a little backdoor, which patches the files:

-BBS:User.Data  
-BBS:User.Keys  
-BBS:Config1

and adds a user "ZAPA" to this files, which has a very high level and a very good account.

Due to the fact that everyone can get new DMS releases, VW will only delete the file.

## 1.102 LoadWb

T.F.C. Revenge LoadWb 1.3 = KAKO Loadwb Virus:  
-----

---

Filelength (unpacked): 2804

This is a patched loadwb command, which installs an Extreme Clone BB in memory. The Kako LoadWB is only a simple editor clone. It should work on all systems.

The following texts can be found in the T.F.C. Revenge LoadWb:

```
'T.F.C. Revenge LoadWB ... © by The Fanatic Crew ...'
'Don't try to check this out ... coz we've got the power ...' ,x
'The Fanatic Crew
```

```
ø0proudly presents T.F.C. Revenge Virus V1.03
'Swapping disk for disk ... is always a great risk ...so better `
'use a condom next time ...signed The Fanatic Crew, 06.06.1991`
'We've got the power ...dos.library intuition.library`
```

The KakO LoadWb contains only different the string "KAKO LoadWB". A work of a real "hero". Stop this and play with your joystick...

## 1.103 Commodore

Commodore Virus:

-----

This is a simple destroyprogramm. The file is 1752 bytes long and contains the following stuff:

1. At the start of the programm the adresss \$66666 will be increased by 1. It depends on the value in this adress, what happens. A work of a beginnner ( I think ) because the string "dos.library" can be found 4 times in this short file.
2. The destroypart: It simple deletes the file "s/startup-sequence" and creates an empty directory with the name "Commodore war hier !!".

The following texts can be found in the virus (non crypted!):

```
'Commodore war hier !!',0
' Ihr Computer ist Überhitzt !!!'
'-Wenn es nach dem Reset ein absturz gibt'
' SCHALTEN IHN SIE BITTE AUS'
' Commodore 1987'
'Please remove the Write-Protection'
'And Press Mouse-Button to Continue'
' KEIN VIRUS IN DRIVE DF0: '
' GEFUNDEN !! '
```

```
' Commodore 1987'
'You have found the Routine !'
'This is the new Commodore-Virus !`
'BY STARLIGHT ENTERPRISES 1992'
```

Simply delete this virus file and check your Startup-Sequence.

## 1.104 MCHAT

M\_Chat Virus:

-----

Filelength:13492 (unpacked)

Spreaded on the german boards on 24.9.93.

This is a destroyer programm for the /X BBS system.It claims to be a bugfixed version of MULTICHAT.

If you start this programm,the following devices will be quick-formatted:

-dh0:,system2.0:,df0:,df1:,dh1:,dh2:,dh3:,dh4:,df2: and hd:

After this actions the simple text

"Sorry,the BBS is not registred" will be printed.

At the end of the file you can read:

-----

`MULTINODE CHAT DOOR VERSION V2.3 [BUGFIXED] by Portax of Wibble`

```
`copy c:format ram:ff`
`copy sys:system/format ram:ff`
`ram:ff drive dh0: name HAHAHA noicons quick < ram:cr`
`ram:ff drive system2.0: name HAHAHA noicons quick < ram:cr`
`ram:ff drive work: name HAHAHA noicons q`
`uick < ram:cr`
`ram:ff drive dh1: name HAHAHA noicons quick < ram:cr`
`ram:ff drive bbs: name HAHAHA noicons quick < ram:cr`
`ram:ff drive df0: name HAHAHA noicons quick < ram:cr`
`ram:ff drive df1: name HAHAHA noicons quick < ram:cr`
`ram:ff drive dh2: name HAHAHA noicons quick < ram:cr`
`ram:ff drive dh3: name HAHAHA noicons quick < ram:cr`
`ram:ff drive dh4: name HAHAHA noicons quick < ram:cr`
`ram:ff drive df2: name HAHAHA noicons quick < ram:cr`
`ram:ff drive HD: name HAHAHA noicons quick < ram:cr`
`ram:ff drive df0: name HAHAHA noicons quick < ram:cr`
` Sorry, the BBS is not registred`
```

A shortcut of the (very) short document:

-----  
What is it?!

-----  
Well M\_Chat Is a MultiChat Node Door , Quite simple actually.

Installation!

-----  
M\_Chat is VERY easy to install!

Make sure you have you boards main dir. assigned as BBS:

And your doors dir. assigned as: DOORS:

Just copy the actual proggie: M\_Chat to your DOORS: dir.

Add the following line to your BBS:COMMANDS/CUSTOMCOMMANDS or  
BBS.CMD file like this:

-----cut here!

\*CHAT XM010DOORS:M\_Chat

-----cut here!

This is a great Multi\_Node chat door for Amiexpress

-----  
In the states at least one BBS (Planet X) was formatted with this  
tool.

Detection tested on 25.9.93.

Comment 07.03.1994: On some german boards there appeared a file  
called ATX-chat.lha. This file contains exactly the same virus.

A shortcut of the (very) short document:

MULTINODE CHAT DOOR VERSION V3.0 FROM TRASH/ANTHROX

WELL THIS IS THE NEW 32 MULTICHAT DOOR FROM TRASH/ANTHROX.YOU NEED /X  
3.32 OR HIGER.

INSTALATION:

COPY:

----->

ATX-CHAT ---> BBS:DOORS

CHAT.INFO ---> BBS:COMMANDS/BBS.CMD

----->



This Stuff is quite easy to install...  
extract all stuff to ram: and copy the dir contents into your own..  
first run AeRegist.exe after that run convertdb to convert the old  
ami-express conf.db into the V3.9 conf.db  
(this will clean up the msg base also)

Thx for your attention, have fun !!"

Detection tested on 12.09.1993.

NOTE: This virus will be recognized packed and nonpacked.

## 1.106 AISF

A.I.S.F. Virus:

-----

Length: 8708 Bytes

This virus will be probably spreaded as a faked VirusChecker update. The file works with all kind of Kickstarts and memory-configurations and has no problems with faster processors.

This file opens a window ith the following name:

```
'VIRUS-CHECKER V6.72'  
'by A.I.S.F. !!!'
```

The window has no funtion. It's only a trick to irritate the users.

The \$6c Vector in the Zeropage will be patched. Following routine will be installed in the vector:

1. Decrease a counter by 1
2. Compare if it \$50000
3. If not, do nothing
4. If \$50000 is reached, then display the following alert, which will be decrypted first:

```
'!! CRIME DO NOT PAY !!!'  
'WHY ARE YOU SWAPPING ILLEGAL SOFT ?'  
'BECAUSE YOU ARE A CRIMINAL !!!!  
'AND BE SURE: '  
'WE (A.I.S.F.) WILL GET YOU !'  
'(A)NTI '  
'(I)LLLEGAL '  
'(S)WAPPING '  
'(F)OUNDATION '
```

`-PRESS MOUSE TO CONTINUE-`

If you then press a mousebutton, then the destroy routine will be started. Your drivemotorhead steps around on the disk.

I am only wondering, why the value \$50000 was chosen. If you count only the VBI interrupt then the virus would start its work after nearly 2 hours.

At the end of the file (which is not crunched), you can see a non-crypted text, which says several times:

' THE A.I.S.F. INTERLAMER-VIRUS '

VirusWorkshop removes the useless and the patched \$6c vector.

Thanks must go to Ingo Schmidt for sending me this virus.

Detection tested on 11.09.1993.

## 1.107 DESCR4.0

Description 4.0 Virus:

-----

Filelength=7016                      Spreaded at 05-07-1993.

This virus appeared first at 05.07.1993. on the german BBSs. It's a patched version of Description 3.0 by SBS!. This is a utility, which is only useful for AmiExpress boards. It was released as version 4.0 but in the file the original 3.0 messages appear. Then it claims to load "SNAP" in the memory but it loads the delete command and clears all files. The virus coder must have Kickstart 2 but is for gods sake not very well informed about the new functions....

You can see the command as an ASCII string in the code:

"delete :#? all".

Protect all important files on disc and the virus should not clear them, because "delete" searches for the PROTECTIONbits"....

The virus is completely implemented in the program. No linker etc. was used in my opinion. The virus works only if all programs needed by the original DESCRIPTION 3.0 are available. I forgot to copy the file: "S:Descriptions.TXT" and the virus did not work.

Special thanks must go to Atomix for the warning and Ronny for keeping that virus for me. Thanx pals. Two days after the first appearance of this virus, I got it from you....

Detection tested on 07.07.1993.

---



At the end of the file you can see a text saying:Your HD is deleted.  
Happy Birthday MCI/DCS Hahahahah.....

Comment 28.07.1993:

The -z-speed.lha Virus is the DESCRIPTION 4.0 virus.Thanks Marcel !  
This virus claims to speed up your USR HST 14.4 modems.This is pure  
garbage.

The original document:

```
>Just RUn Speeder.exe From Ram And Watch YER CPS CLIMB On
>You Next Transfer Mine Increased from 1600 to 1800
>On normal 14.4 HST
>
>                SAMIR ZENITH LEADER
Y
>Watch For Our releases!!!!
```

-> This is a damm fake.Samir has nothing to with it (at least I  
heard it).

Detection tested on 01.08.1993.

## 1.108 DTROY2

Disktroyer V2 virus:

-----

This is not a virus.It`s only a file,which has the job to kill the  
information on your drives. The diskregisters (\$bfdxxx) will be  
directly used.

The routine does not work correct on AMIGAs with higher processors  
because of some timing problems.

Some parts of the resourced code:

```
L_1EC  MOVE.W      #$0800,D0
      BRA.B      L_1F4
L_1F2  MOVEQ     #-1,D0
L_1F4  NOP
      DBRA      D0,L_1F4          ;Some kind of waitloop
      RTS
      .....
```

Detection tested on 6.7.1993.

## 1.109 BBSVirus

Infected Diskrepair BBS Virus:

-----  
 Again another trojan horse for the AmiExpress BBS system. This virus is linked BEHIND a new version of DISKREPAIR. The used linking system is the

\$4eb9~linker

as used in many other trojan horses against AX.

The new thing in this virus is that is not linked in front of the file.

In this case the viruspart is imploded and is decrunched 10244 bytes long.

The directories BBS and BBS:Utils/ will be scanned for a special filelength(ca.200000 bytes) and the SNOOPDOS task will be searched. I cannot say what this virus exactly makes because I have no AmiEx release.

Some resourced virusparts:

Snoopdos\_Search

PEA snoopname(PC)

JSR FindTask(PC)

NoSnoopDos

...

|           |      |                |
|-----------|------|----------------|
| snoopname | DC.B | 'SnoopDos',0   |
| bbsname1  | DC.B | 'BBS',0        |
| bbsname2  | DC.B | 'BBS:',0       |
| bbsname3  | DC.B | 'BBS:',0       |
| bbsname4  | DC.B | 'BBS:',0       |
| bbsname5  | DC.B | 'BBS:',0       |
| bbsname6  | DC.B | 'BBS:Utils/',0 |

A utilitie, which does not work,if SnoopDos is active ? Not normal.

Detection tested on 29.05.1993.

Information~about~4eb9~linkers

Infected WhiteBox BBS Virus:

-----

This virus is very similar to the virus linked behind Diskrepair. The viruscode is more optimized and it will be searched for some more filelengths. The used linker is the

\$4eb9~linker

.Who does

have such a linker ?

If a Sysop with the AmiExpress system finds such a virus please reinstall the AmiExpress mainfile.

Detection tested on 06.06.1993.

The "Whitebox" and the "Diskrepair" viruses does only work with some versions of AmiExpress (ca.5 releases). I do not think that they touch AmiExpress 3.03 or AmiExpress 3.04. If you've a list with lengths of all the AmiExpress releases then please let me know it.

Information~about~4eb9~linkers

## 1.110 XACA

XACA Virus = Lummin Virus

## 1.111 Beton

Butonic 4.55 Virus:

-----

This is a simple Butonic 1.31 clone. Only the texts were changed. Due to the case that I did not explain the older Butonic, I will describe this one:

Changed vectors : \$68 (only in the Zeropage)  
-454 (DOIO / EXEC)  
Kicktagpointer (Exec)  
Length: 3408 bytes

The virus copiers itself with a filename, which will be one of the names listed, to a disk and changes the Startup-Sequence. The name of the virus will be copied at the first position of the

---

Startup-Sequence. The length will be not increased. As a result the last entry in the file will be cutted and works in many not.

Intuition Displayalert Text:

```
' hoffentlich stoere ich sehr !',0
'* I am JEFF - the old Virus family for '
'an Amiga * (w) by the nicely BUTONIC.',0
'HV 4.55/29.02.93 - Generation Nr.00001',0
'ZKillings goto* BootX    *,* VirusZ    *,'
' Virus_Checker ,',0
'Viruscope, Maus , Virus-Checker , Virus'
' Control and big VT !!',0
```

Texts for the Windowname:

```
'Hallo gib die Cola her !',0
'Lass die Chips roesten und nicht rosten '
'!!!!',0
'Nimm die Birne weg sonst krachts!',0
'Wenn Du nicht spurst dann gibts $!',0
'BoTiNuC!',0
'Schaem Dich Du Banause lass es sause Jun'
'ge ...aber nicht schlappi...!',0
'Willst Du Nachhilfe oder was is los ?',0
'Gib es auf Du lahmer socke...!',0
'Wer andern eine Grube graebt faellt selb'
'st in dieselbige !!!',0
'Wo willste den jetzt wieder hin',0
'Kannst Du mal Ruhe geben Du alter Knoche'
'n-Kerl ...',0
'Liebst Du Viren, dann weiss ich auch, we'
'r Dich am meisten hasst',0
```

Names for the virusfiles:

```
'LoadWB          ',0
'Mount           ',0
'Cls             ',0
'VirusY          ',0
'setclock opt i ',0
'info           ',0
'Obelix         ',0
'Idefix         ',0
'Asterix        ',0
```

Detection tested on 31.07.1993.

(Remember to fix the Startup-Sequence !)

Comment 05.08.1993: It appeared a file called "sd-tv", which claims to be SnoopDos 1.9. I cannot say, if this is a real update or a fake, but this file installs the "Butonic 4.55" virus in the memory.

This file was created by the use of Hunklab.

Detection tested on 05.08.1993.

Information~about~Jeff~Butonic~3.00

## 1.112 Jeff3

Jeff-Butonic 3.00:

-----

Filelength: 2916 Bytes unpacked

Patched vectors: DoIO from Exec and KickTagptr from Exeabase

This is a classic filevirus. The file will be copied as one and written with a not visible name to the directory and at the first position of the Startup-Sequence.

After some resets, the following text will appear:  
(displayed as ordinary alert)

```
'0JEFF',27,'s speaking here...'  
'<(w) by the genius BUTONIC.'  
'HV 3.00/9.2.89-Gen.00000'  
'ZGreetings to *Hackmack*,*Atlantic*,'  
'd& Alex, Frank, Wolfram, Gerlach, Miguel,'  
'Klaus, Snoopy-Data!',0
```

From time to time, some of the following texts can appear on your screen (controlled by intuition):

```
'Ich brauch jetzt Alk',27,'!'  
'Bitte keinen Wodka!'  
'Stau auf Datenbus bei Speicherkilometer '  
'128!'  
'Mehr Buszyklen für den Prozessor!'  
'Ein dreifach MITLEID für Atari ST!'  
'©89 by BUTONIC'  
'PC/XT: Spendenkonto 004...'  
'Freiheit für den Tastaturprozessor!'
```

```
'C für Looser'
'Paula meint, Agnus sei zu dick.'
'Die CPU braucht etwas Schmieröl'
'C64 - jetzt mit Pampers im 3erPack'
'JEFF=ungefährlich+schützt vor Viren'
```

Quite nice texts, or ? The infection routine is controlled by the patched DoIO routine, which depends on a readaccess from the rootblock.

Detection retested 07.07.1994.

### 1.113 4eb9

\$4EB9 Files:

-----

This type of linked file (Is there a utility in circulation, which creates such files ?) was several times detected in BBS viruses like SWIFTWARE 0.98.

! The viruses are not always linked at the front of the file !

The basic structure of the fileformat looks like this :

```
; Hunktable
```

```
jsr      $0      = $4eb900000000
jsr      $0      = $4eb900000000
moveq    #0,d0   = $7000
rts      = $4e75
```

```
; Hunk which fixes the two jumps.
```

Detection tested on 30.05.1993.

Note: MANY BBS viruses are spreaded in such files ! If you find such a file please send it to me ! Thanks a lot ! SnoopDos is not the right way because the SNOOPDOS task will be (sometimes) deactivated.

List of known 4eb9 files:

```
GoD-CLT1.exe           ; Global Overdove +12 Trainer
                       ; for CLYSTRON.
2000ad-1.exe           ; An intro from 2000AD
```

```
2000ad-2.exe           ; Another intro from 2000AD
DAGE-cra.exe           ; An intro from Dage....
```

In this file there is no virus. Only the TRAINERmenu was linked with the 4eb9 Linker.

Comment 12.12.1993: A new 4eb9 clone appeared. A virus was linked on a faked ARTM version. This new code looks like this:

```
; Hunktable

movem.l    d0-d7/a0-a6,-(sp)
jsr        $0
movem.l    (sp)+,d0-d7/a0-a6
jmp        $0

; Hunktable
```

Comment 31.03.1994: I got a call from a person, which did not want to say his name, which said, that CONMAN programmed the linker and several other viruses (see Conman Dir).

Some \$4eb9/\$4ef9 files:

```
-----
-Master Who 1.1
-Uadialer 2.8
-ConMan Dir Installer
-Xcopy (Mount Virus)
-...
```

Known 4eb9 link programmes are:

```
-----
-Minichainer 0.3 by Dr.Who
-Filechainer 1.3 by ???
```

Detection tested on 12.12.1993.

## 1.114 NANO

NANo Virus + NANo ][ Virus:

```
-----

This virus copies itself with a not visible name at the first pos.
of the Startup-Sequence (at least it tries to do this ).There is a
little Intuition routine included, which shows you a little text
```

---

with the greetings from the "hero", who created this simple virus.

The other version of NANO shows a germanflag at the reset.

The following vectors are changed:

```
$2e (execbase)
-$1c (DOSBASE)
-$54 (DOSBASE)
-$1c6 (Execbase)
-$94 (DOSBASE)
```

```
NANO filelengths:  NANO1 = 1484
                   NANO2 = 1472
```

The viruses does not work correctly on the A4000 with MC68040.

```
Detection tested on 23.05.1993.
                   & on 06.07.1993.
```

## 1.115 COMPU

Compuphazygote 7 LinkVirus:

-----  
Several vectors will be changed. I got an infected echo file, which was not executable and the hunkstructure was totally damaged.

I tested this virus against VT 2.62 and it proofed my analysis:  
- Hunkstruktur defect !

I wrote a repairroutine for this virus but I cannot say, that this is a 100% proof one. I could only test it on a not repairable and executable file. So, if you have this virus, please send me a copy, so that I can check my routines.

An infected file becomes 1760 bytes longer (at least I hope this !).

Compuphazygote 8 Virus:

-----  
This virus contains many parts of the NANO virus (or should I better say that the NANO viruses contain big parts from the Compuphazygote virus?).

---



Exactly the same vectors are changed and the whole structure looks very familiar.

The Compuphazygote virus tries to trick out the user with this text at the top of the file:

```
`      :AmigaDOS Datafile @ 1988 by CBM.This file contains important`
`      disk data for Block Allocation ! `

`      >>> WARNING: Deletion of this file could destroy all disk`
`      datas !!! <<<`
```

This is pure bullshit.

Detection tested on 07.07.1993.

Compuphazygote~2~Virus~+~VirusZ\_II~1.02~virus

## 1.116 VirusZ

Compuphazygote 2 & VirusZ\_II 1.02 Viruses:

-----  
Filelength: 1148 bytes

Damage: On every inserted disk (via ICDMP flag) will be the new file "c:VirusZ" or "c:virusx" with a length of 1148 bytes written. The virus waits for the diskinserted flag and for the closewindow flag. At the bottom of the file there somekind of hardware read/write code, which will be only accessed if the files could not be opened correctly.

Simply copy the viruskillers back to c:

Text, which can be read at the end of the VirusZ II 1.02 virus:

```
'intuition.library'
':c/VirusZ'
':c/VirusZ'
'This is a new Utility for your amiga computer ! '
'It gives you safety to all new virii in future!'
'No vectors can be changed anymore so your computer'
'is safe ! ! ! '
'VirusZ II 1.02 Georg Hörmann',0
```

Text, which can be read at the end of the Compuphazygote 2

---

Virus:

```
' :c/VirusX'  
' intuition.library'  
' :c/VirusX'  
' :c/VirusX'  
' The CompuPhagozyte has attached to your '  
' system !'  
' Wait for new virus in other computer-systems'  
' The CompuPhagozyte in 9.91 by The Emperor'  
' Of Trillion Bytes !'  
' VirusX 5.00 by Steve Tibbett'
```

Detection tested (VirusZ Virus)  
26.12.1993.

## 1.117 dltdsv

Diskvalv 3.01 Loader Fake Virus:

-----

Length: 3604 bytes

This is a simple Modemcheck Virus clone, which only writes a new destruction longword and some ASCII texts have been changed.

For more information read at  
Modemcheck~Virus

.

Other possible name: Diskvalv 3.01 Fake. DLT ...

Detection tested 27.02.1994.

Information~about~the~Modemcheck~Virus

## 1.118 Modemcheck

Modemcheck Virus:

-----

This virus installs a new "c:loadwb" command, which needs OS2.++. This new "c:loadwb" command starts a new process with the name "Diskdriver.proc". After waiting some minutes (ca.3) a routine will be started, which kills a single cylinder on a device by writing a memoryblock filled up with the longword "FUCK". This damage cannot

be fixed. What makes VW, if it detects the virus in memory? It simply fills up all DOIO commands with NOPs and the virus is not able to the destroying diskaccess. The process itself will not be touched. What to do? Simply check your disk for viruses and afterwards reset your AMIGA. All should work correct by now.

VT goes a different way and removes the complete process. As stated in the VT-Kennt document it is very complicated to remove the full process. I just searched for the easier way of disabling the virus.

Memorycheck routine tested on 17.5.93.  
Modemcheck Install detect routine tested on 16.5.93.  
Modemcheck "c:loadwb" detect routine tested on 16.5.93.

Comment 06.06.1993.: In the Fidonet the virus is called "FUCK" Virus. There appeared a special Fuckvirus killer on the boards, which claims that other viruskiller would not detect it in memory. Just run VT2.53 or VW2.0b (both released more than one week earlier) and you will see that the virus is recognized and deactivated.

Known clones:  
Disksalv  
.

Comment 26.09.1994: A new trojan appeared, which uses the same formatroutine to destroy data.  
For more information about this 6661 Formatter :  
Klick~me  
!

## 1.119 Bestial

Bestial Devastation:  
-----

First of all I could at first not spread the virus. God knows why it failed.

The virus adds 1124 bytes to the first hunk and copies itself at the beginning of the file. Some hunkroutines in the virus are not correct and it is possible that many infected files does not work. The next point: The virus uses absolut addresses and should only work on a very few systems with &c00000 ram (Ranger Ram).

---

## 1.120 Antichrist

Antichrist Virus:  
-----

This is a normal clone from the Travelling Jack viruses. The main-idea is to add a first hunk with different lengths. At this clone only some cryptparts and some eays other stuff was changed. VW says "TRAVELLING JACK" and is able to kill it.

Detection and termination tested on 18.3.93.

## 1.121 Dialer

Dialer 2.8g Virus:  
-----

This is a trojan horse for AmiExpress. The SysopPW will be taken and put in the file "nocallersat300". Now the hacker can simply get the PW (when getting connected with 300 baud) and enter the BBS. The UADialer 2.8 is a bluebox. Therefore I did not code a repair-routine for this virus. Blueboxing is a crime and I do not want to support it.

Due to the fact that it is spread in a crunched executable file, VW will only recognize the crunched file.

The crunched executable file does not work on a A4000 (MC68040) with activated CACHES.

VirusStart:

|                |       |      |                              |
|----------------|-------|------|------------------------------|
| dosbase        | DC.B  | 0    |                              |
|                | DC.B  | 0    |                              |
|                | DC.W  | 0    |                              |
| filehandle     | DC.W  | 0    |                              |
|                | DC.W  | 0    |                              |
| destfilehandle | DC.W  | 0    |                              |
|                | DC.W  | 0    |                              |
| memblock       | dcb.l | 40,0 |                              |
| dosname        | DC.B  |      | 'dos.library',0              |
| username       | DC.B  |      | 'bbs:user.data',0            |
| desttext       | DC.B  |      | 'bbs:node1/NOCALLERSAT300',0 |

A little script, made with DosTouch, which shows us the inner workings of the Dialer28g:

```
Load ram:dialer
-> Open bbs:user.data Openmode:OLD
-> Open bbs:nodel/NOCALLERSAT300 Openmode:OLD
CProc DIALER-TASK
Open s:UADial.pref Openmode:OLD
Open s:UADial.prefs Openmode:OLD
Open s:UADial.conf Openmode:OLD
```

Detection and Termination tested on 18.03.93.

This virus (like most BBS trojans) should only work with AmiExpress 1.x and 2.x because the structures of AmiExpress 3.x are a little bit different, aren't they ?

Comment 08.08.1993: In the last days there appeared a BETA release of UADialer4.0b. Only use the official releases !

## 1.122 Saddam

Saddam Clones 2+4+7:  
-----

This Saddam clone viruses use a different crypting routine, which is 4 byte shorter than the other.

Detection tested 10.02.1994.

Saddam Clone Laurien:  
-----

This is a very lame editorpatch from the original Saddam Virus. Only the string "Saddam Virus" has been changed to "Laurien Virus".

Detection and Termination tested on 07.03.93.

Saddam Virus V1.29:  
-----

How intelligent! An AMIGA user started his monitor and changed the sectorcode routine a little bit. What for an exhausting work! Play with you joystick but do not make such shit.

The virus will be found as Saddam ][ and the changed sectors will be found, too.

---

Detection and Termination tested on 01.01.1993.

## 1.123 PCLONE

PP Bomb Clone (Died&Megamon):

-----

You remember the old Powerpacker bomb build in the release version 3.2 from the original PP ? This virus part was taken and put in the DIED and MEGAMON utilitie programms. VW offers you only the possibility to clear the file because a repairroutine is much stronger to code than to get a new version of DIED or from MEGAMON.

Comment 23.05.1994: At the end of 1993 appeared a new clone of the PowerPacker bomb. The infected file was the ModuleMaster 1.7. The infected file is 20364 bytes long.

Attention: The first  
4eb9~linker  
file was the PP bomb at the  
PowerPacker 3.2 infected fake. This linker is now known since more  
than 3 years !

## 1.124 LOG

Ulog/Dlog V1.8/MsgTOP BBS Viruses:

-----

PLEASE NOTICE THAT THE ULOG/DLOG Viruses have the same filelength are many parts of the routines are equal. I am calling this viruses "Devil" viruses because I have heard that this viruses were created by/for a sysop in the south of Germany with this name.

Comment 08.04.1993.: I met a friend of him and he told me that more than 60 files are infected with the BBS virus from the same author. The last version,which I got, was release V11. Most files will be recognized by VW as  
\$4eb9~files  
.

Due to the fact that I met this person only one time, I could not get any further information.

This viruses change the "user.data" File from the /X mailbox system in the following way: The counter(value) for the account editing and the SYSOP downloads will be reduced so that most users can play with the system.

This viruses are only dangerous for sysops. They cannot destroy the information on the disk.

---

The MsgTOP virus will be only recognized, if it is packed with the Imploder(V1.x-V3.x).

Detection and Termination tested on 02.02.1993.

## 1.125 Swift

Swiftware 0.98 Virus:

-----  
A very special kind of virus. It is copying the sysoppassword from an AmiExpress BBS system into a little file, which can only be read if you enter the system with 300 baud (NOCALLERSAT300). Nearly all users have at least 2400 baud (in most cases this is too slow for the BBS and you get no access) and so nearly nobody reads it. The hacker just have to call the BBS with 300 baud and he gets the sysop password.

I heard that all this programmes (the virus) was created by one coder in the south of GERMANY, who runs a big BBS but I cannot give more detailed informations this time.

Comment 19.04.93.: I spoke with one of the coders of the viruses and he said that the virus is now available in version 16.00. The last virus I recieved was version V11.0. He told me that more than 70 infected file exist. Lots of work to do for us...

Many

\$4eb9~files  
are trojan horses. The coder of this viruses (or his friend=an Assembler expert) use very often a special linker, which creates such files.

## 1.126 Pstats

PStats BBS(?) Virus:

-----  
This virus damages some files, which are needed from the the PhobOS mailbox system. I heard that PhobOS is a "scene" mailbox programm, which is very wide spread in the south of Germany. The PStats programm was written in GFABASIC. As a result I think, the author of the virus has the sourcecode of the PStats programm. Is it maybe spreaded together with the PhobOS system? This time I need your help. I have heard that this system is wide spread in the south of GERMANY.

Detection and Repairroutine tested on 19.01.1993.

---

## 1.127 AmiPat

AmiPatch 1.0 Virus (?):  
-----

This programm opens the file "BBS:user.data" and a file called "011011". If you start the programm, an optimization progress will be started. What becomes optimized? I do not know. You can see a little counter on the screen counting from 0-100. But nothing special happens. For normal users not dangerous but I would like to hear from some Sysops, what happens on their BBS system.

Detection tested on 14.5.1993.

## 1.128 LZ

LZ Linkvirus:  
-----

This virus can be (in my opinion) seen as the father of the CRIME viruses. The infected file becomes 400 bytes longer and the virus does not add a new hunk to the file. The virus implants itself at the end of the first hunk and changes 2 bytes at the real end of the hunk.

Detection and Repairroutine tested on 24.01.1993.

## 1.129 TELECOM

Telecom Virus:  
-----

This virus works like the old Jeff viruses. It adds a "\$a00a" string at first position in the startup-sequence and writes itself with the name "\$a0" in the rootdir. The file is only 756 bytes long (unpacked).

This virus uses direct memoryaddresses and expects RANGER RAM and Kickstart 1.3.

Some resourced parts of the virus:  
-----

```
MOVE.L      #$00C71082,$002E(A6)
MOVE.L      #$00C710B0,$00C00218.L
MOVE.L      #$00C710CA,$00C000B0.L
MOVE.L      #$00C71126,$00C03C5A.L
MOVE.L      #$00FC0AFC,$00C00218.L
```





```

        beq.b      L_2
        nop
        lea      L_8C(pc),a0
        lea      $0007FB84.L,a2
        move.w   #$0400,d0
.loop   move.b   (a0)+,(a2)+          ; The CopyLoop
        dbra    d0,.loop
        move.l   #$0000633A,$0007FE80.L
L_2:

```

The only visible text in the virus is: > Generation: 0000 <.  
Other textparts are not visible.

```
DC.B      'Nu > Generation: 008 <',0
```

The repair routine was only tested with one file because I did not succeed in spreading the virus on my test disks. Does anyone has an infected file which is longer then 2000 bytes? I need now your help/support.

Detection and Repairroutine tested on 01.01.1993.

## 1.132 Crime92

Crime92 Linkviruses 1+2+3:  
-----

It's the first polymorph virus on AMIGA. I am very afraid that such viruses now appear on AMIGA, too.

This virus adds no hunk to the infected file. It changes the end of the first hunk and implant itself there. There are some special facts about this virus.

It uses 2 ways to infect a file:

1. possibility: "RTS" stands at the end of the first hunk. Then the viruscode starts at this point.
2. possibility: "RTS" stands not at the end of the file. Then the virus searches for the next "RTS" in the code.

The infected file becomes 1800 bytes longer. The name "CRIME92" comes from an ASCII string found in the virus.  
Works with Kickstart 3.0 and MC68040 (without cache!).

It is possible that this viruses kills the RidigDiskBlock of your harddisk (physical block 0). Make sure that you saved the block 0.

Routines tested on 5.12.92.

Comment: There is a new CRIME92 clone on the market, which uses a different cryptroutine. This virus will be recognized and completely removed, too. This virus will be only spreaded as the original Crime92.

Comment 07.07.1993.: Again a new cryptroutine was found in the virus. I am not quite sure but slowly I start thinking that someone only writes new crypting routines for this virus.

Comment 20.10.1993: I recieved a PM letter from the Z-NETZ saying, that VW us not able to detect the Crime92 virus in different files. I have checked this out but I found no bug in the routine and all tests were ok....

Comment 17.12.1993: I found several files, which could not be found by VirusWorkshop. I have fixed the problem (hopefully). Special thanks go to Soenke Freitag from the german VTC located in Hamburg.

As far as our tests show us, we can now say, that only VT by Heiner Schneegold and VirusWorkshop detect ALL generations from this very dangerous virus !

Routines overwritten and tested 07-07-1993.

## 1.133 QRDL

QRDL V1.1 Linkvirus:

-----  
This virus makes an infected file 2300 bytes longer. It creates an own first hunk (like the "classic" viruses like CCCP, Smilie Cancer).

The CoolCapture is set sometimes. The following pointers will be used:

- Exec: DoIO / NewOpenLibrary
- Intuition: OpenWindow (-\$CA)
- \$78 (Exec)

Called this way because of a little ASCII text in the virusfile.

Sometimes the bitmap of the just inserted disk will be filled with \$FFFFFF. This routine will only be started if an old filesystem disk (DOS0) will be used. The result is that the OS thinks that the disk is empty and if you write on the disk, all other files on disk became cleared.

Disassembled code:

```

                move.l      #$00000370,d0                ; 880 = Rootblock
                move.w      #$007F,d1
.loop          move.l      #$FFFFFFF,(a0)+              ; fill with -1
                dbf         d1,.loop
                move.l      #$0000007F,(a3)

```

```

        move.w      #$0002,$001C(a1)      ; TD " WRITE "
        jsr        -$01a8(a6)
        move.l      #$00000200,d0
        jsr        -$00D2(a6)
        rts

sector:      move.l      #$00000200,$0024(a1)
            mulu.w      #$0200,d0
            rts

```

It is possible that infected files will not work anymore because of a bad hunk detection routine in the virus. I cannot rescue such files at the moment.

**WARNING:**

The repair routine has only been tested on one file because I could not spread the virus on my disks!

Detection and termination tested on 21.11.92.

## 1.134 AX

AmiExpress 2.20 fake version virus:

-----

This virus was spreaded in an archive called d-aex220.lha with the length 135400 bytes. This archive contains the file Express2.20 (194046 bytes long). This is no official AmiExpress release version! The trojan bomb writes a short file called AIBON (776 bytes) to disk and fixes the startup-sequence so that this file will be called at first. Now the desaster begins: All files on disk will be shortened to 42 bytes and the keyboard will be disabled.

Detection and termination tested on 16.09.1992.

Comment 1.10.1993: It appeared a file called DWEdit1.62, which contains an "aibon" clone. Let us call it aibon2. It is 784 bytes long. The mainfile is linked with Hunklab by UFO/CHT.VW calls this mainfile AIBON3.

## 1.135 TIMER

Timer\_Virus with installer:

-----

The installer is 4812 bytes long and writes a new "setmap" command to disk. This command is 1712 bytes long and contains a original "Setmap" command and the real virus. The installer "seems" to be a simple clock with a display of free chip/fast ram.

The written "Setmap" command installs an \$74 interrupt, opens the

ConsoleDevice and search for a task called "ramdrive.device". If this task is aktive, all actions will be skipped. If know a special byterow is transmitted to a BBS, on which the virus is active, the user can use all avaible shell commands and can hack the BBS! The sysop does not the the actions of the user. His keyboard is disabled.

For gods sake this virus is really lame coded.BUT In my opinion it is the best hacking programm at the moment! Be careful!

Works with Kickstart 3.0 and MC68040.

Detection and termination tested on 2.10.1992.

## 1.136 Trojan3

Trojan 3.0 and Speed Check Viruses:  
-----

Both viruses become only dangerous, if AmiExpress is installed. On the one hand the BBS directory will be formatted and on the other hand a file "DEMO99.lha" will be created in your download directory which contains the "user.data". Nothing special indeed.

Works with Kickstart 3.X and MC68040.

Detection and Termination tested on 23.10.92.

## 1.137 SnoopDos1.9

SnoopDos Version 1.6 Virus:  
-----

It is the normal Snoopdos1.5 version which contains some additional bytes (the virus). This little bastard is a trojan horse against the AmiExpress directories. Such tools seem to become popular.

Works with Kickstart 3.0 and MC68040.

In the last days (at the end of 1992) there appeared a real SNOOPDOS 1.7 update. Delete all SnoopDos 1.6 releases and use only the V1.7 release. Please notice that the SNOOPDOS 1.7 is not crash-proof on a A4000 with Kickstart 3.X (SnoopDos 1.4 works fine !!!).

Detection and termination tested on 24.10.1992.

Comment 23.3.93. In the last days there appeared a Snoopdos 2.0 version.Use this version !

Comment 05.08.1993: It appeared a file called "sd-tv",which claims to be SnoopDos 1.9.I cannot say,if this is a real update or a fake,

---

but this file installs the "Butonic 4.55" virus in the memory.

Detection tested on 05.08.1993.

## 1.138 Topdog

TopDog Trojan Horse:

-----

Just another tool that kills the BBS:user.data and writes a new user in this file. This time only this user can get access to the mailbox. The userdata is only 66 bytes long and contains only one user.

ASCII dump:

```
dc.b      $0C,$EB,$EA,$E5,$EA,$A0,$F4,$E9,$E9,$E9
dc.b      $F4,$E7,$B4,$A0,$E9,$F7,$ED,$F6,$E5,$F7
dc.b      $E5,$F7,$E9,$A0,$E9,$F2,$E5,$F7,$E7,$E5
dc.b      $F7,$A0,'grewg ee ', $0A
dc.b      ' The Three Musketeers ', $0A
dc.b      $00
```

Works with Kickstart 3.0 and MC68040.

Detection and termination tested on 02.11.1992.

## 1.139 BigBen

Big Ben Virus:

-----

The virus was sent me as Big Ben virus, I cannot follow the name of this virus, it appears only a clocktime sometimes on the screen.

Kickstart 2.x and higher is required to run this virus.

Patched vectors: Exec() CoolDoIO, Exec() Findname, Exec() Replymsg,  
Exec() Waitport, Exec() DoIO

The virus tries to read the time from a hardware chip, which is not located at this adress on newer machines. The virus allocates it's memory correct and tests, if the caught DoIO call comes from the "trackdisk.device" or not. So only diskdrives will be infected and NOT harddrives.

The way of patching the vectors is new on AMIGA. The way of patching will be used on Intel Windows machines in conjunction with background programmes (Thanks Ingo for this hint). This routine is buggy, but

---

works.

Detection and memory repair tested 01.12.1994.

## 1.140 BVirus

BootVirus:

-----

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| 1024 Access Forbidden 2             | 1024 Asshole (not spreading)      |
| 1024 16BitCrew                      | 2048 ABC.Virus! (all 4 blocks)    |
| 1024 AEK                            | 1024 Aids                         |
| 1024 Alien.New.Beat                 | 1024 AmigaDos.....08-04-92        |
| 1024 Amigafreak                     | 1024 AmigaMaster.....02-04-92     |
| 1024 AmigaMaster.....02-04-92       | 1024 Ass.Virus                    |
| 1024 ASV. (Data_Crime).....02-04-92 | 1024 ASV_Virus.....02-04-92       |
| 1024 Australian.Parasite            | 1024 Avirex_Timebomb              |
| 1024 BamigaSectorOne                | 1024 Big.Boss                     |
| 1024 BlackFlash                     | 1024 Blade_Runner.Virus           |
| 1024 BLF-Virus                      | 1024 BlowJob                      |
| 1024 Butonic-Bahan                  | 1024 Byte.Voyager.I               |
| 1024 Byte.Voyager.II                | 1024 ByteBandit.1                 |
| 1024 ByteBandit.2                   | 1024 ByteBandit.3                 |
| 1024 ByteWarrior.1                  | 1024 ByteWarrior.2                |
| 1024 Byte_Bandit_Error              | 1024 Cameleon                     |
| 1024 CCCP.Virus.                    | 1024 CheaterHijacker.....08-04-92 |
| 1024 CheaterHijacker.....08-04-92   | 1024 Claas-Abraham. (MCA)         |
| 1024 CList                          | 1024 Coder.Virus                  |
| 1024 CrackRight.1.01                | 1024 CrackRight.1.02              |
| 1024 CrackRight.1.03                | 1024 CrackRight.1.04              |
| 1024 Dag.Virus                      | 1024 Data_Crime!.....12-04-92     |
| 1024 DAT_89_Virus                   | 1024 Deniz.SCA.Strain             |
| 2048 Derk-MALLANDER.....08-04-92    | 2048 Derk-Mallander.....08-04-92  |
| 1024 Derk_1.0_Virus.....02-04-92    | 1024 Destructor.Virus             |
| 1024 Digital.Emotion                | 1024 Dirty.Tricks                 |
| 1024 Diskguard.1.0                  | 1024 Divina.I                     |
| 1024 Divina.II                      | 1024 Dotty_virus                  |
| 1024 Dr.Mosh1.....20-06-92          | 1024 Dr.Mosh2.....20-06-92        |
| 1024 DumDum_virus.....12-04-92      | 1024 Exterminator_2!.....15-04-92 |
| 1024 Extreme                        | 1024 F.A.S.T.I                    |
| 1024 European Disaster = Byte B. 3  | 1024 Disk Furunkel = Avenger      |
| 1024 Fast.I.Virus                   | 1024 Fast.II.Virus                |
| 1024 Fastload.ByteWarrior           | 1024 Fast_Eddie                   |
| 1024 FICA.Virus                     | 1024 Forpib.Virus                 |
| 1024 French Kiss                    | 1024 Frity (Riska.Clone)          |
| 1024 Future_Disaster                | 1024 Gadaffi                      |
| 1024 Gadaffi-Mad.II.Virus           | 1024 GeneStealer.....23-04-92     |
| 2048 Glasnost (File-Boot)           | 1024 Graffiti                     |
| 1024 Gremlins                       | 1024 GXTeam.Virus                 |
| 1024 Gyros                          | 1024 Hauke                        |
| 1024 Hauke_ExterminatorI            | 1024 HCS4220.I.Virus              |
| 1024 HCS4220.II.Virus               | 1024 Heil_Virus.....13-05-92      |
| 1024 Hilly.Virus                    | 1024 Hoden_V33.17                 |

|                                     |                                     |
|-------------------------------------|-------------------------------------|
| 1024 ICE                            | 1024 Ice_Breakers.2                 |
| 1024 Incognito                      | 1024 Inger.IQ.Virus                 |
| 1024 JIIR_virus                     | 1024 Joshua.2.1                     |
| 1024 Joshua.2.2                     | 1024 Julie.                         |
| 1024 Kauki                          | 1024 Kefrens.N                      |
| 1024 LADS.Virus (Gremlin)           | 1024 LameBlame.....08-04-92         |
| 1024 Lamer Exterminator!            | 1024 LamerExterminatorI             |
| 1024 LamerExterminatorII.1          | 1024 LamerExterminatorII.1a         |
| 1024 LamerExterminatorII.1b         | 1024 LamerExterminatorII.1c         |
| 1024 LamerExterminatorII.2          | 1024 LamerExterminatorIII           |
| 1024 LamerExterminatorIV            | 1024 Lamer_10.....02-04-92          |
| 1024 Lamer_10.....02-04-92          | 1024 Lamer_Decoded.....02-04-92     |
| 1024 Lamer_Decoded.....02-04-92     | 1024 LameStyle.UK                   |
| 1024 Loverboy.....02-04-92          | 1024 Loverboy.....02-04-92          |
| 1024 LSD                            | 1024 MAD.I                          |
| 1024 LSD-II                         | 1024 "UHR"                          |
| 1024 Mad.II                         | 1024 Mad.III                        |
| 1024 MAD.IV                         | 1024 Megamaster                     |
| 1024 Metamorphosi_1.0.....02-04-92  | 1024 Mexx.Virus                     |
| 1024 MG.Virus.....08-04-92          | 1024 MG.Virus.....08-04-92          |
| 1024 Microsystems                   | 1024 Morbid_Angel                   |
| 1024 Nasty-nasty.virus              | 1024 NorthStar.1                    |
| 1024 NorthStar.2                    | 1024 NorthStar.3                    |
| 1024 Obelisk                        | 1024 Obelisk.Crew.II                |
| 1024 Obelisk2format                 | 1024 Opapa                          |
| 1024 Paradox.I                      | 1024 Paradox.II                     |
| 1024 Paramount                      | 1024 Paratax.I                      |
| 1024 Paratax.II                     | 1024 Paratax.III                    |
| 1024                                |                                     |
|                                     | Pentagon.Virus.Slayer               |
|                                     | 1024                                |
|                                     | Pentagon.Virus.Slayer.1             |
|                                     | 1024                                |
|                                     | Pentagon.Virus.Slayer.2             |
|                                     | 1024 Phantastograph                 |
| 1024 Powerbomb                      | 1024 Rene.Virus                     |
| 1024 Revenge                        | 1024 RevengeBootLoader              |
| 1024 Ripper                         | 1024 Riska                          |
| 1024 Rude.Xeroxx.2.0                | 1024 Sachsen_1.....02-04-92         |
| 2048 Sachsen_3                      | 1024 Saddam.Hussein                 |
| 1024 SCA-2001.Virus                 | 1024 SCA-Kefrens                    |
| 1024 SCA-Paratax.Virus              | 1024 Sca-XCopy.Strain!              |
| 1024 SCA.1.Virus                    | 1024 SCA.2.Virus                    |
| 1024 Scarface                       | 1024 Scarface.II                    |
| 1024 Sendarian                      | 1024 SinisterSyndicate              |
| 1024 SS_Virus.....17-05-92          | 1024 Starfire2.....02-04-92         |
| 1024 Starlight_II.....02-04-92      | 1024 Starlight_Warhawk.....02-04-92 |
| 1024 Suntronic                      | 1024 SuperBoy.Virus                 |
| 1024 Supply.Team                    | 1024 Switch.Off.Virus               |
| 1024 T.F.C.Revenge_2.14....02-04-92 | 1024 T.F.C._Revenge_1.03...02-04-92 |
| 1024 TaiPan_Chaos                   | 1024 TaiPan_LameBlame               |
| 1024 Target                         | 1024 Target.Virus                   |
| 1024 Termigator.Virus               | 1024 The Cure!.....07-04-92         |
| 1024 The.Incognito                  | 1024 Timebomb                       |
| 1024 TomatesGentechnicService       | 1024 Traveller.1.0                  |
| 1024 Triplex.....22-04-92           | 1024 TriSector_911                  |
| 1024 Turk                           | 1024 Twinz_Santa_Claus_Virus        |



|                                    |                                     |
|------------------------------------|-------------------------------------|
| 1024 U.K..Lamerstyle               | 1024 ULDV_8_Virus                   |
| 1024 UltraFox                      | 1024 Vermin.Virus                   |
| 1024 Viruskiller_Virus             | 1024 Virus_Fighter!.....12-04-92    |
| 1024 Virus_Slayer_V1.0             | 1024 Virus_V1(Wieder_da)...02-04-92 |
| 1024 VKill.I                       | 1024 Vkill.II                       |
| 1024 Waft                          | 1024 Warhawk                        |
| 1024 Warsaw                        | 1024 Xcopy-Sca.....NEW_virus??      |
| 1024 Zaccess.I                     | 1024 Zaccess.II                     |
| 1024 Zombi.1                       | 1024 Germany.....29-09-92           |
| 1024 Republikaner.....29-09-92     | 1024 Asylant.....29-09-92           |
| 1024 Sonjas_Virus.BB               | 1024 Overkill.....14-10-92          |
| 1024 Adam Briely BB.....20.10.92   | 1024 Cobra 21.10.92.                |
| 1024 Killed.BB                     | 1024 Executors                      |
| 1024 Angel                         | 1024 Influenza                      |
| 1024 Detlef                        | 1024 Fuck.Device                    |
| 1024 Disk Terminator               | 1024 Suicide Machine                |
| 1024 Ingos Return                  | 2048 Zenker                         |
| 1024 Multilator                    | 1024 Payday                         |
| 1024 Cascade 2.1                   | 1024 Creeping Eel                   |
| 1024 USR492 (SENTINEL)             | 1024 Wahnfried                      |
| 1024 XCOPY2(a form of antivirus ?) | 1024 KAKO 28.07.1993                |
| 1024 VIPHS 25.9.93.                | 1024 SS Virus                       |
| 1024 Starcom 1                     | 1024 Starcom 2                      |
| 1024 Starcom 3                     | 1024 Starcom 4                      |
| 1024 Starcom 5                     | 1024 Starcom 6                      |
| 1024 Prima Vera                    | 1024 Irak 3                         |
| 1024 Grim Heaper                   | 1024 ABC_Viruskiller1.0             |
| 1024 Electro Vision                | 1024 Exorcist (Satan)               |
| 1024 LameGame                      | 1024 MAD 3B                         |
| 1024 PVL                           | 1024 Microsystems CBM               |
| 1024 SCA-666                       | 1024 TFC 47.11                      |
| 1024 SCA-KarlMarx                  | 1024 SCA-Karl Marx 2 (TAI)          |
| 1024 Atomix SCA Clone              | 1024 AIFS                           |
| 1024 Tai2                          | 1024 Tai3                           |
| 1024 SHI                           | 1024 VirConSet 1                    |
| 1024 VirConSet 2                   | 1024 VirConSet 2b                   |
| 2048 Zenker 2 (Ingo)               | 2048 Digital Dream                  |
| 1024 Fred Cohen                    | 1024 Leviathan                      |
| 1024 Pal                           | 1024 PKK                            |
| 1024 Assassin                      | 1024 DTL (MTD)                      |
| 1024 TAI-4                         | 1024 Bad Bytes 2                    |
| 1024 Bad Bytes 4                   | 1024 Bad Bytes 1                    |
| 1024 Bad Bytes 3                   | 1024 Bad Bytes 5                    |
| 3072 Dum<II>Dum                    | 1024 RAF                            |
| 1024 Khomeini                      | 1024 Datalock 1.01                  |
| 1024 Baltasar                      | 1024 Datalock 1.02                  |
| 1024 Shit (=Nuked007)              | 1024 Jinx                           |
| 1024 Sphinx                        | 2048 TAI-13                         |
| 1024 Mount (look at Fileviruses!)  | 1024 Mosh 1.0                       |
| 1024 Kimble                        | 1024 Laurine 1.0                    |
| 1024 East Star                     | 1024 Amiga Fanatic                  |
| 1024 Yaw1                          | 1024 Yaw2                           |
| 1024 Yaw3                          | 1024 ELENI!                         |
| 1024                               |                                     |

Max-Starlight '93

1024

Big~Ben

1024  
1024 Pestilence~V1.15  
1024 Rastenbork 1.2  
1024 Rastenbork 2.0  
1024 Dynamix

AIFS Bootblock Virus:

-----  
This virus only patches the DOIO vector in the execlibrary.  
It is not resident and uses memory at \$7xxxx (without alloc.)  
for it's code.

It should work properly on all Kickstarts and processors.

The virus never sends a message or similar stuff and it is  
remarkable that it only needs the first block.

Detection tested on 27.10.1993.

Asshole (not spreading) virus:

-----  
Changes: Coolcapture, DoIo

This is said to be a virus, but infact it installs the patches  
(without allocating the memory) and "forgets" to write it's  
code to disc. This is for sure a laborotary virus.

Red Ghost "Virus":

-----  
This is/was probably supposed to be an antivirus bootblock. The  
programming is in parts really lousy, the compare codes are to  
bad, as a result, I rate this programm as dangerous. It's not  
a virus, but it's a dangerous antivirus.

Access Forbidden 2 Bootblock virus:

- - No patched vectors  
- Kickstart 2.0x compatible

This is a very simple virus. It will be tried to allocate absolut  
memory around \$70000 and a copperlist will be created manually.  
This stuff is quite lame coded. It will be tried to overwrite the  
rootblock and the bootblock of a DD disk. The virus contains somekind  
of graphic routine.

The virus needs no trackdisk device, so even your RDB can be  
damaged in parts of it.

---

At the end of the virus you can read :

```
'NO VIRI!'  
' DON'T INSTALL!'  
'dos.library'  
'graphics.library'
```

Detection tested 05.02.1995.

Assassin Bootblockvirus:  
-----

Simple SCA Clone (better play with your joystick !).

Only the text has changed.

```
' Something NEW has happened      '  
' Your COMPUTER are   !!!'  
' INFECTED BY THE      '  
' ASSASSIN VIRUS      '  
' HA-HA-HA-HA-HA'  
' THANK TO ME YOUR      '  
' BOOTBLOCK IS SMASHED!!Ün'  
'   DTL!DTL!DTL!DTL!DTL!DTL!DTL!DTL!'
```

Bad Bytes inc 2 Bootblockvirus:  
-----

A Lame Game clone (what a hard work: Stop doing this and produce instead USEFULL utilities and programmes, which make the AMIGA more powerfull!). Only the texts have been edited.

To produce viruses is never a good thing.

```
'Software Failure - We hate you! You are g'  
'oing to DIE!',0  
'Anti-Harald Paulsen and Twins virus done '  
'by TTS and Nighthawk of BadBytesInc., U'  
'FO and Zax of Hollywood Team! Stay cool,'  
' be nofool - coz',27,' the DataKuKluxKlan is '  
'getting bigger! TTS signing...'
```

Bad Bytes inc 2 Bootblockvirus:  
-----

Simple SCA Clone (better play with your joystick !).  
Only the text has changed. To the "hero", who "produced"  
thus stuff: In my opiniion YOU are the lamer !

```
' Parasite of Bad Bytes Inc presedting'  
' AntiLamer virus! '  
' Spread the virus to'  
' every fuckin hated LAMERS! Im '  
' fed up with 'em!'  
' The only way for total'  
' perfection...BBI!!! '  
' BBI!BBI!BBI!BBI!BBI!BBI!BBI!'
```

Bad Bytes 1 Virus:  
-----

This is a simple Warhawk Clone. Only the texts have been changed.

```
'TTS VIRUS IS ON THIS LAMERS WORK !!!!! '  
' AND DON',27,'T THINK ABOUT KILLING ME BECAUSE'  
' I KILLED THE VIRUS-KILLER !!!!! TTS!TT'  
'S!TTS!TTS!TTS!'
```

Possible other name: TTS Virus

Bad Bytes 3 Virus:  
-----

This is a simple Backflash Clone. Only the texts have been changed.

```
'Every 13th copy - you will always get the'  
' feeling of being hated! BBI rules!!'  
' DIE IN HELL!!!! '  
'Done by Bad Bytes Inc - Thanx to BlackFl'  
'ash for the code! '
```

Bad Bytes 5 Virus:

---

-----

This is a simple Coder Clone. Only the texts have been changed.

```
'Your computer is stoned! Legalize mariuhana!'  
'Parasite of BBI! '
```

Baltasar Bootblockvirus:

-----

This is a simple SCA-II Clone. Only the visible texts has been changed.

```
'graphics.library',0  
'dos.library',0  
'Hello lamer ! you have a virus  '  
'Use pampers not amiga  '  
' its better ! ...PP'  
'You are so lame shame you      n2Z'  
' Christmas , '  
'Baltasar-Virus 1994  '
```

Detection tested on 22.1.1994.

Cobra bootblock virus:

-----

Does not work with Kickstart 2.X. A virus which is not resident. It installs an interruptroutine to \$94(execbase). Should not work with RAM Kickstarts.

The virus itself causes an ENFORCER hit when testing for a special byterow at the end of the chipram. I reassembled this routine and use it in VW, too. That is the reason for the ENFORCER hit at the begin.

Creeping Eel Bootblockvirus:

-----

known clones: Executors and Kimble

Needs atleast Kickstart 2.0 to work properly. Copies its code to \$7ec00 (without allocating it before). Changed vectors: DoiO and Coolcapture.

---

Damage: Destruction of Rootblock and the bootblockcode.

Detection tested 06.06.1994.

Disk Terminator bootblock virus:  
-----

This virus is a simple SCA 1 virus clone. The "author" was so tricky to overtake the original "CHW!" string in the virus. Only the ASCII-texts are changed. Stay away and play with your joysticks instead of making such lame clones....

Datalock 1.01 and Datalock 1.02 viruses :  
-----

Both viruses are VERY aggressive and contain very powerful destruction routines.

Both viruses use direct address accessing to \$7fXXX and do not need the "trackdisk.device". I have killed two of my harddiscs (one including my WHOLE VirusWorkshop sources) but I had luckily made a backup 4 days ago. Phew.

DoIo always at \$7f858  
Kicktag always at \$7fade

Very tricky new decoding routine, which will be changed before. Nice... The viruses killed my RDB on a SCSI-II harddisc and killed some sectors by overwriting it with some stuff.

The bootblock and another 1024 bytes (V1.02) will be written. At V1.02 there will be 4 KB written to the bootblock. A very wide destruction.

The V1.01 has an additional destruction routine, which kills the sectors 890-893. At sector 880 there is on normal DD discs the ROOTBLOCK (directory). It's therefore possible that very important directory blocks will be killed by this virus.

The V1.02 has a different destruction routine. 4 blocks, which will be calculated using a random routine will be killed by overwriting some memory garbage.

At the end of the virus, you can read (decrypted):

"Datalock 1.1 (C) '94 ALL (?) code by Deathcode."

---

Detection tested on 08.02.1994.

Digital Dream Bootblockvirus:  
-----

This virus loads the original bootblock and puts it into the two sectors directly behind the bootblock (sector 2&3). All ! datas in this sectors are destroyed and cannot be repaired ! The virus codes itself with a little eor routine and patches -030 (EXEC)  
-DoIO (EXEC).

The virus was probably programmed by Max of Starlight, who programmed a lot of viruses. Isn't is possible to catch such a person ? I cannot understand it. This guy programmed more than 5 viruses !

Detection tested on 28.11.1993.

DTL Bootblockvirus:  
-----

A simple MICROSYSTEMS clone, which only contains some new texts. Nothing special about it.

```
'DTL!DTL '  
'YOUR DISK IS INFECTED BY '  
' NEW VIRUS MADE IN      '  
' N O R W A Y           '
```

DumIIDum Bootblockvirus:  
-----

Uses blocks 0-5 and works with Kickstart 3.0 and 2.04. The virusmaincode is located in block 2 and 3. The first both blocks only contain a simple loaderroutine (trackdisk).

All data in the blocks 2-5 will be destroyed (sorry no rescue possible). If a file was in this blocks, it cannot

---

be used anymore.

Changed vectors:

Cool, Doio, DosRead, DosOpen, DosWrite.

If a counter reached \$50, a destroyroutine will be started and e.g. the rootblock will be changed.

In the 4.virusblock you can read 2 time "dos.library" and "DUM<II>DUM".

The virus will be installed \$1800 bytes under the maxlocmem area !

Detection tested on  
19.12.1993.

Special thanks must go to Ingo Schmidt for supporting this virus.

East Star Virus:

-----

A simple North Star 1 clone. Look there !

Executors Bootblockvirus:

-----

A simple clone from the Creeping Eel Virus. Look there !

NOTE ! There is a differences between Eleni and ELENI!

-----

Eleni Bootblockvirus:

-----

Length: 1024 bytes

Patched vectors:-Coolcapture (always patched to \$7f296)  
-SumKickData (always patched to \$7f32a)  
-DoIO (always patched to \$7f2da)  
The original value of the DoIO vector  
will be stored at \$7fa02.



The original bootblock will be stored at sector 1738 and will be loaded from the virus and the virus jumps directly in the original bootcode. The virus contains a write routine, which writes the text "ELENI" (via DOIO). The writeroutine uses not the dos.library, pure DOIO action !

At the start of the virus, the viruscode will be copied to \$7f144 (without allocating the memory before). On system with low memory, it can happen very often, that the system crashes. The viruses uses the adress \$60000 as a flag for the textwriteroutine. The area \$70000 and higher will be used from the virus without allocating the memory.

The text "\*ELENI\*" is visible at the end of the file. In the middle you can read something about "Version 1.6".

If the virus has read several times from sector 1738 and a counter (hardware) reached the value 1 , it will overtake the control of the drive(s) and manipulates CIA and the drivecontrol register.

If the counter reached the value 4, the writeroutine for the "\*ELENI\*" string will be started. The counter is located at \$dc002d. I don't know, what is this for a register and I could not find out, if it is always initialized with the same value. On my AMIGA it contained the byte \$f2.

If a DoIO read access was caught, the infection routine will be started. If a DoIO write access was caught, the writeroutine will be started. In the NewDoIO routine, the virus handle with the CIA-A registers (powersupply ticks and interrupt control).

Due to no checkroutine for Trdevice, the virus can destroy (in my opinion) the RDB.

The infection routine reads the original bootblock to \$70000, tests it and at success, the virus writes the original bootblock to the sector 1738 and copies itself to sector 0. The bootblock at sector 1738 will be saved non crypted.

Detection in BB & memory tested  
18.05.1994.

An~interesting~text~appeared~about~this~virus  
ELENI! Bootblockvirus:  
-----

other possible names: -Messangerviruskiller-Virus  
-Eleni V3

Patched vectors: Coolcapture, DoIO() and LoadSeg()

The bootblock virus works with Kickstart 2.04 and higher. It uses the memoryregion around \$120 to save some important values from DoIO calls. Due to no "trackdisk.device" test-routine, this virus is able to kick the RDB from your harddisc.

The virus is extremely lame coded and contains lot of direct memory access routines, without allocating the stuff.

The virus compares a value (1) in a special hardwareregister (dc002d). This is the clockregister on some machines. If the condition is true, it will be tried to load the file ELENI! via LoadSeg(). This routine is buggy, too.

Due to lame coding, the virus uses the memory from \$70000-\$88600 without allocating it. I expect strong problems with machines, which have only 1 MB memory !

The patched DoIO is just for the bootblockinfections. The LoadSeg() part is much more dangerous. It will be searched in all loaded files <=100000 bytes for the special command "jsr -552(a6)". This is the NewOpenLib entry (if Execbase is in A6). This command will be replaced by "jsr -\$1400(a6)". As a result, if this virus is in memory, it will be called by such a changed file. But what happens, if the virus is cleared in memory and such a file will be activated? It causes a crash. There is no secure way to recognize such a manipulated file.

Manipulated files must be shorter equal than 100 KB and the whole filename (including path) must be shorter than 26 chars !

The VirusWorkshop tool called "ELrm" will be able to try to repair such files. Please read the documentation for this tool very carefull.

At the first virusstart, only the CoolCapture vector will be patched. Then a reset will be performed and DoIO will be patched.

If this virus is in memory, every loaded process will need much more time, this is maybe a little hint for you to use a good viruskiller to check your system.

Special thanks to MFM/Skid Row for the first warning for this virus !

Jinx Bootblockvirus:

-----

Patches Kickchecksum, KickTagPointer, KickSumData, TD BeginIO,  
Exec VBI.

Works with Kickstart 2.0

This is a very tricky bootblockvirus, which looks for me like  
a Lamer Exterminator virus but more tricky (Hi Soenke).

VirusWorkshop can remove ALL changed vectors and your system  
should work again.

If the bootblockvirus is on your disk and you boot with this  
writeprotected disc, a requester appears, which says, that  
your the disc is a non DOS disc. If you remove the write-  
protection everything is allright again.

The read access will be patched and the bootcode will be  
hidden. Little bug: Even if you read the directory via  
TD device, the original bootblock will be shown.

The bootblock will be crypted randomly and in the end of the  
decoded bootblock you can see the text:

"JINX....trackdisk.device....".

Detection tested on 24.2.1994.

Kimble Bootblockvirus:

-----

A simple clone from the Creeping Eel Bootblock Virus. Look  
there. Some visible texts have been changed. Nothing else.

Detection tested 06.06.1994.

At the end of the virus you can read:

"Antivirus: Kimble comes back ... use it .....Kimble"

Khomeini Bootblockvirus:

-----

Simple MAD clone. Only the texts have been changed.

Detection tested on 28.12.1993.

Leviathan Bootblockvirus:

-----

look in the Linkvirus section...

Laurine 1.0 Bootblockvirus:

-----

- Kickstart 2.0x needed (based on patch routines.

This bootblockvirus is not resetproof and kills ColdCapture, Coolcapture and the KickTagPointer. To spread itself it patches the DoIO vector from Exec (quite strange way of patching).

The virus uses the memory from \$6e800+1024 bytes to place its code. The memory will be not allocated and so every programm can trash it and as a result your computer goes to India. I have tested it with VW on an A500+ with 1MB Chip and I had very often a complete systemcrash.

After 35 infections a little message will be displayed using DisplayAlter from the intuition lib.:

```
'The Laureline Virus V1.0'  
'Code by Cat Lord'  
' ,Report: 30.05.93'  
'Sex: Male'  
'Number of copy: 0002'  
'Laureline Male Found: 0000'  
'Laureline Female Found: 0000'  
'Girl Maked: 0000'  
'Disk Found: 0002'  
'Dos Boot Found: 0000'  
'Other Virus Found: 0000'  
'Amiga V1.2: 0000'  
'Amiga V1.3: 0001'
```

```
'Amiga V2.0: 0000'
  'Amiga V3.0: 0000'
```

The values for "Amiga V... 000x" will be changed by the virus itself and it really contains the code to check for various Kickstart versions. Other destruction routines are not placed in the virus.

General comment: Better play with your joystick ! Some routines are extremely strange...

Detection tested 07.07.1994.

```
Max-Starlight'93~Virus...
  Mosh 1.0 Bootblock virus:
```

-----  
(Caution: There are 2 viruses with the name Dr.Mosh in circulation, this are different ones!!!)

Patched vectors: DOIO, KickTag, -\$58(dos)

Doio is always pointing at \$7f964 and the Kicktag pointer is also always pointing to \$7fbde.

This virus works only under Kickstart 2.0 and higher, caused by BCPL.

This virus copies its code to \$7f800 (without allocation) and overwrites the original bootblock. Caused by a missing checking routine for "trackdisk.." the virus is able to destroy the RDB of your HD, too. After 5 infections the sector 880 will be trashed (exactly this block). At normal DD disks, this is the location for the rootblock. As a result your disk is not useable anymore. Try to use DiskSalf etc. to recover your data. In the same process the block \$2800/\$200 will be trashed. A file, which is located in this block, is not repairable anymore. Sorry.

Caution: Due to the missing memoryallocation, it can happen, that the patched DOIO routine will be overwritten and the system crashes.

Example: VirusWorkshop crashed on an A500+ based on this reason.

The virus contains some texts at the end, which are crypted:

```
'dos.library'
'intuition.library'
'HEY ! I`M MOSH version 1.0'
'FIRST SILESIAAN VIRUS'      <- other possible Name !?!
```

```
'F2'  
'Written by the best M.G.F'  
'<x2Special greetings to: C.I.A. and K.GARLEJ'  
'FFd<Biiig fucking to: KAZIO STEINHOFF and'  
' D.K.BIT'  
'AND now SERIOUS I LOVE BEATA B my BEST girl'  
'Friend have you AIDS ? if have it fiine'  
'i also have one'
```

Detection tested 24.04.1994.

Special thanks to MOK! for sending this virus !

(This doc sounds like the VT2.63 doc, but it's not copied. This text was written before VT2.63 was released.)

PAL Bootblockvirus:  
-----

A simple SCA clone. Only the texts have been changed.

```
' Peace Atomic League is coming to'  
' the amiga users today !'  
' we like you ...'  
' esert not to PC community , '  
' the amigas '  
' are the best compis '  
' R.I.P. poor PC !!! '  
' !PAL!PAL!PAL!PAL!PAL!PAL!PAL!PAL!'
```

PKK Bootblockvirus:  
-----

A simple SCA clone. Only the texts have been changed.

```
' Death for the killer of Moelln !!'  
' rown Power lives today'  
' Nothing is better..PP'  
' Germans are infected with the n2Z'  
' NAZI-VIRUS !!!'  
' Muslims take your life'  
' in your own hands !!!ün'  
' !PKK!PKK!PKK!PKK!PKK!PKK!PKK!'
```

---

RAF Bootblockvirus:

-----

Simple WarHawk clone. Only the texts have been changed.

Detection tested on 28.12.1993.

Sphinx Bootblockvirus:

-----

A simple SCA clone. Only the visible texts have been changed.  
Please notice, that this lame clone comes not out of the rows  
from TRSi. Sphinx is no member of SHI.

graphics.library  
dos.library  
Cave virus, use this AntiVirus ..  
Do not delete this boot  
it is your cure ...  
kill all known virus use it for  
protection !!!  
Sphinx from TRSI !

Detection tested from 13.03.1994.

TAI-4 Bootblockvirus:

-----

A LameGame clone. I hate it to include all this simple  
clones. Come on, better play with your joystick instead  
of producing such viruses ! You don't help the AMIGA  
to get a better face to the public !

' Have a nice day Sorry Look for T.A.I.'  
' the best..'

TAI-13 Bootblockvirus:

-----

A simple Glasnost Clone. Only the visible texts have been

---

changed. Better play with your joystick instead of making such shit !

Detection retested 13.03.1994.

VirusConSet 1 bootblockvirus:  
-----

This virus is quite lame coded. It patches the Coolcapture and the DOIO vector from EXEC. The memory from \$7f00-\$7f4XX will be used without allocation and it will be written to the following addresses: \$c3af7e and \$310.

Detection tested on  
4.11.1993.

The SHI bootblockvirus:  
-----

This virus uses memory at \$7ec00 and patches the DOIO and the Coolcapture vector from EXEC.

The memory will be not allocated !!! This virus should work with all kind of Kickstarts and prozessors....

At the bottom of the bootblock, you can read the following text:

```
'Call Canada great BBS! Is the best for v'  
'irusprogrammers. We like Viri. Call VXQ-'  
'BBS (416) 324 9439 .Send new viri , welc'  
'ome to BBS :'  
' SHI!SHI!SHI!S'
```

Detection tested on 04.11.1993.

Comment 05.11.1993.:

This is an Australien Parasite Clone ....

---



SCA Clone Atomix:  
-----

Again a new SCA Clone. You may think why I write about this virus ? Simply, because I hate it to see every week new clones from the SCA virus. Come on guys ! You should better play with your Amiga instead of creating such bullshit. Every viruskiller should detect this ones. I am bored of it.

Text at the bottom of the bootblock:

This is the Warkill Virus Anti  
done in 1993 by Atomix of NASA !!!!  
Greetings go to Peacemakers:  
BBS TEAM  
Nuclear Desaster  
Silvermoon BBS

Detection tested on 24.10.1993.

P.S. VirusWorkshop will only say: " SCA Clone (HAHAHHA) ".....

SCA KarlMarx Bootblockviruses:  
-----

This viruses are both SCA clones, which are changed only in 2 bytes. VirusWorkshop will only say: "SCA Clone (HAHHAHA)".

Detection tested on 23.10.1993.

Kako Virus:  
-----

This is a simple EXTREME clone.  
This virus cannot reset clearly on a Kickstart 2.++ AMIGA because it uses direct memory jmp`s.  
The virus is able to kill the data on your disk. This routine does not work on faster Turboboards because of the TIMING problems.

---

Detection tested on 28.07.1993.

Payday Antivirus:

-----

This is in general an ANTIVIRUS but too old and useless under OS 2.x .So VW recognizes it as a virus.

XCOPY2 Virus:

-----

I had problems to decide if this is a virus or not, but finally I say: This is not a real virus (because it does not spread it's own code) but it destroys other bootblocks by writing a normal bblock. This process can only be started by pressing the mousebuttons.

Another point is that the programm patches the DOIO vector and the Kicktagpointer. Everything very virus alike.

Let's call it a Utilitiebootblock, which should be always cleared.

```

MOVEM.L      D0-A6, -(A7)
MOVEA.L      4.W, A6
MOVE.L       #$00000200, D0
MOVE.L       #MEMF_CLEAR|MEMF_CHIP|MEMF_PUBLIC, D1
JSR          _LVOAllocMem(A6)
LEA          Mempointer(PC), A0
MOVE.L       D0, (A0)
MOVEA.L      D0, A0
MOVEA.L      D0, A1
MOVEA.L      D0, A5
ADDA.L       #$00000064, A5
LEA          L_8(PC), A4
MOVE.W       #$01FF, D7
L_4A        MOVE.B      (A4)+, (A5)+
DBRA        D7, L_4A
ADDI.L      #$00000026, D0
MOVE.L      D0, $000E(A1)
MOVE.W      #$4AFC, 8(A0)
ADDQ.W      #8, A1
MOVE.L      A1, (A0)
ADDA.L      #$000000DE, A1
MOVEM.L     (A7)+, D0-A6

.....
LEA          L_BC(PC), A0
LEA          L_136(PC), A1
MOVEM.L     (A7)+, D0-A6
RTS

```

Detection tested on 07.07.93.

USR492=Sentinel Virus:

-----

I recieved this virus under the name "USR492" but after some calls I correct me and call this virus "SENTINEL".It tests for the LW "SENT".The virus copies itself to \$7f400 (without allocating the memory) and jumps in \$7f49c.

The \$2e(EXECBASE) and the DOIIO Vectors are changed.The virus only works with the normal "DOS0"bootblock.If there is a FFS bootblock, the new bootblock will be not written.

Detection tested on 02.07.1993.

Yaw1 Virus:

-----

A simple Amiga Fanatic clone. Come on guys ! Better play with your joystick or programm something productive and not such a shit !

Yaw2 Virus:

-----

Ein einfacher Fuck Device Clone. Eine technische Meisterleistung.

Wir sind alle "stolz" auf den "tollen" Programmierer !

Yaw3 Virus:

-----

A simple LameGame clone. Only visible texts have been changed. Lamer !

Zenker Bootblock Virus:

-----

This virus is a new type of virus. It only uses a loaderroutine in the ordinary bootsectors and all the virusparts are put in the sec. from 896-898. The original BB will be written to the sectors 898-900. That means that the sectordata 896-900 will be destroyed 100% and cannot be fixed. What happens, if the headerblocks and other structures are in this sectors ? You can forget this files. VW offers you the possibility to rewrite the BB from 898 to sector 0. In some cases this might work(for games with bootloaders ect.) but in the most cases your disc is damaged and not useable anymore.

---

It can happen that the RDB block from your harddisc becomes overwritten. In this case it is too late. You can only restore the backup of your RDB sectors (you surely have one!) and hope that the information on sector 896-900 were not too important.

The virus uses some memory without allocating it. It uses \$7f500 without allocating this memory space.

Detection tested on 23.3.93.  
Block-0 tested on 23.3.93.

The Virus tries to look like a normal bootblockloader with the string "COMMODORE Bootblockloader ....)....

Comment 28.11.1993: It appeared a Zenker Clone called INGO. Only the visible texts were changed.

In the bootblock you can read now:

```
"Bootloader by Ingo(16 Feb.1993)
.....FUCKFUCKFUCK"
```

In the block 897 you can read:

```
"Now I am the 29 Generation"
```

In Block 989 you can read at 0-11 "== INGO!! ==".

Detection tested on 28.11.93.  
Block-0 tested on 28.11.93.

Multilator Virus:

-----  
This virus only works with FAKE fastram and Kickstart 1.2. Nothing more to say about it.

Detection tested on 08.07.1993.

Overkill bootblock virus:

-----  
This virus works with all Kickstarts and even on turboboards. It writes the original bootblock to the block 2-3 and destroys in this way some possible data on this tracks.

---

Changed vectors: DoIO, CoolCapture, ColdCapture (always with the same addresses).

Warning: This virus clears sometimes sectors on devices. Danger! You can lose your RigidDiskBlock of your HD or the bootsectors because of some bugs in the DoIO routines (no security check for the trackdisk device).

The "UHR" Bootblock virus:

-----

This virus does not work with Kickstart 2.04 and higher. It checks the highest byte in the \$6c vector for \$fc. This is only a possible value for Kickstart 1.x. If the value was not found, a normal bootblock will be executed.

The virus is crypted on disc with a simple "EOR" loop. It patches the DOIO, the LEVEL3Interrupt and the Coolcapture vectors.

The "new" thing in this virus is, that it copies itself to a special address, which will be calculated with the following routine:

```

                                LEA      $0007F800.L, A1
                                TST.L    $004E(A6)
                                BEQ.B    Abs_Copy
                                MOVEA.L  $004E(A6), A1
                                LEA      -$0800(A1), A1
Abs_Copy                        MOVE.L   A1, -(A7)
                                MOVE.W   #$0398, D0
Copy_Loop                       MOVE.B   (A0)+, (A1)+
                                DBRA     D0, Copy_Loop

```

This means that no address exists, where this virus can be always found. The patched DOIO vector does not ask for the TRACKDISK-device.

The following addresses will be changed in the next parts of the virus:

```

                                $00BFE601.L
                                $00BFE701.L
                                $00D80002.L
                                $00BFEE01.L

```

The \$d80002.L register is (I heard it only) an old register for the internal clock. The bootblock will be crypted everytime new (depending on one special register).

Detection tested on 14.6.1993.

If you have a virus which will not be detected by VirusWorkshop then please write me. You will get as fast as possible a new version which recognises the virus. Thanks a lot!

Markus Schmall  
Von Gravemeyerweg 25  
30539 Hannover  
Germany

Tel.:0511 / 514944

## 1.141 Elame

-> In my opinion is this text a pure FAKE <-

\*\*\*\* WARNING ! WARNING ! WARNING ! \*\*\*\*\* \* \* \* \* \* \* \* \* \* \* THIS TEXT  
COMES DIRECTLY FROM THE CODER \* \* OF THE ELENI VIRUSES! READ ALL ABOUT IT! \* \*  
\* \*\*\*\*\*

Well, sorry folks but I can't tell you who I am because you would probably kill me! Im the coder of all the Eleni viruses! The meaning of this letter is to let you know why I coded those viruses and how you can help other people and yourself in the future! Now, is this true! Am I, the coder of the virus, going to help you, the victim of the virus!? Yes! You probably think I'm the bad guy in this nightmare, but that isn't true! Seek deeper! Let me put it this way... One rainy day you're walking in the street far away from home. Suddenly it begins to rain. Damn, you say, but, you're also grateful that you brought an umbrella. Oh yes, you think you're very smart but then you find out the umbrella has got a whole bunch of holes, through which the raindrops fall onto your head! What a shit umbrella you think! You really get pissed on the umbrella! That's the biggest mistake! You have many things or persons to blame, but you should not blame the umbrella! Why ?! Think deeper! If it never had started to rain your day wouldn't have been wasted! If you would have checked the umbrella before leaving your day wouldn't have been wasted! Am I right or wrong! I'm right!!! Well, it's the same with my virus. I'm not the bad guy! I have a reason why I code viruses. The REASON is the bad guy! Who the hell is the reason? My reason is a girl!! Blame her if you have to blame someone! If I wouldn't have coded this viruses, someone else would! Now you know why I coded the virus but you still don't know what I want! What I want is the most important thing! I will continue coding viruses until I get what I want! It's simply your choice! What I want is very simple! I just want at

---

least one big computer mag to write something impressive about my virus! I don't mean a little invisible advert that nobody reads, I want at least half a page! It has to be published in Sweden's biggest computer magazine called DMZ! Otherwise forget it!! One more important thing!! The headline MUST include the name ELENi VIRUS, and in the text people must understand that Eleni's familyname begins whit L! Ex. The coder wrote this virus to avenge a girl called Eleni L. Then, what you choose to write about it is up to you! Now, why should you do this for me, I mean you probably still thinking that I'm the bad guy! No I'm not yet the bad guy, but just wait until soon if I don't get what I want!!! Yes, call it blackmail or whatever you want!!! Some hints:

Somewhen in the month of june 1994 (very soon!) a new version will get life! The installer of the virus is spreading around the world right now! It's a very smart one, because it depends of your computer's internal clock. IF you don't have any clock it will never activate! If you have, then some day in june you'll get a nice surprise!! Not to count with all old features it will include the following:

1> Better memory allocation=not so many bugs that make you wonder what's going on!

2> Immortality= once it has been installed on the bootblock of a disk you will not get rid of it unless you ... guess what!!! This due to a verify error that it will cause!!!

3> Resistance= if you try to kill it with a hard reset the virus will program itself to destroy your HD, and it WILL NOT be killed!!

4> Monitor burn= when your clock has backed up enough much you monitor will blackout, perhaps FOREVER, because the virus includes a routine to change the hz freq of your monitor/tv to a value that they can't resist!! Lucky you because this doesn't work on all tv's/monitors!!! But stay calm, I've got something nice to tell you in the end of this textfile!!!!

5> Hd totally fucked up!!= This time the virus will not only format your HD's first cylinder but EVERY cylinder starting from 0.

6>Hd hardware errors= I don't really know if this one works but if it does then you can say bye bye!!! It's based upon the same system that makes the bootblock unremovable!! Your HD might get verify errors and since most software that come with the HD to format it isn't very good, perhaps you will not be able to reformat it= no HD!!!

That's all folks!!!

Well, before I end I'm gonna tell you about the little surprise!! I know my viruses don't work on Amiga version under 2.0 but the next viruses might!! So what, you think!! Well, how about a virus that passes through write-protection on the 1.3 ROM!!!!? Eat this !!!!! Now, why shouldn't I possibly could be joking with you!! Be my guest and ask Commodore about hardware errors in the 1.3 ROM!!!! Now, I can promise you that I will not release any more viruses if you follow the mentioned rules!! Remeber that YOU decide if this virus will make the scene suffer!! I have two more things to say before I quit!! To all those who know my identity (if there are any!!), this virus is nothing personal against you, so if you want the cure just touch me!! The last thing I have to say is that if you follow my rules then I will personally spread the anti-virus that cures all infected disks/files before they have caused any

---

damage!!!

T H E C H O I S E I S Y O U R S !!

PS.. Send this text to both DMZ and SHI because I haven't!! DS

## 1.142 Max/STL`93

Max of Starlight`93 Virus:

-----

Kickstart 1.x: NO  
MC68040 : YES

Patched vectors: Exec-GetMsg(), Exec-DoIO(), Intuition-Displayalert  
and Kicktagptr.

This is an ordinary crypted bootblockvirus. The crypt-routine is an  
ordinary eor-loop which depends of the rasterbeam register.

The memory will be allocated and there is no check for the calling  
device-> I destroyed a 40 MB scsi drive with it. The RDB was over-  
written by this virus.

The virus clears Coolcapture and Coldcapture, probably to make sure,  
that it's the only code resident in memory !

The displayalertpatch is buggy or idiotic. No backjumpadress will be  
saved. Only a zero will be given back and no jump to the original  
routine.

The infection and destruction routines will be only activated, if

1. access to Rootblock (880)
2. access to bootblock (0)
3. read(2) or write(3) command

The destructive routine tries to overwrite a random block with  
the double-longword : "INSANE!!". Only datablocks (recognition  
longword 8) will be affected by it. This means less destruction  
on FFS.

The virus contains no textroutine....

At the end of the virus you can read (after decrypting it):

-----

'The Max of StarLight Virus`93'  
'intuition.library',0





First appearance (as far as I know): Heilbronn/Germany

This is a new bootblockvirus with some nasty inner workings:

The last both patched vectors cannot be repaired, because the virus does not store the original value. Sorry guys ! All other patched vectors can be corrected by VirusWorkshop.

The virus checks before patching, if it's already installed or not. The BeginIO routine only catches TD-READ and TD-WRITE commands. The routine checks, if the loaded bootblock is the virus. If yes, the bootblockcode will be manipulated (probably to hide the code for viruskillers!!!!)

Under special circumstances (compare longword must be "DEAD"), the blocks 2-3 will be filled with some garbage. The information on this blocks cannot be recoverd...

If a pointer reaches a special value, the whole disc will be formatted using memorygarbage. This routine is buggy, because the memoryblock, which should be written, is out of REAL memory and the system travels to india.

It crypts all read blocks (T-DATA) with an eor-loop. If the virus is active in memory, all crypted blocks will be decrypted online. If you remove the virus from memory, several checksum-errors will appear on your screen. VirusWorkshop 4.6 and higher are able to repair the crypted blocks, because there is no magic in this cryptroutine.

Such routines (online-(de)crypting) were first seen on the AMIGA in the "Saddam" diskvalidator viruses and then in "The Curse of little Sven" bootblockvirus.

The first longword of a crypted block looks like this:\$AFFE0008.

The whole virus is crypted with a simple eor-loop and looks like the work from a quite sober'n clean programmer. At the end of the virus you can read (after decrypting it):

```
'trackdisk.device'  
'intuition.library'  
'PESTILENCE v1.15 (c) 14/05/94!'
```

Detection and repair tested 11.12.1994.

## 1.145 CommanderWarn

THIS WARNING APPEARED ON THE FAST GERMAN SYSTEMS AROUND 10.12.1994. (-ed)

---

WARNING! WARNING! WARNING! WARNING! WARNING! WARNING! WARNING! WARNING!  
 ~~~~~

Today Some Lame Dude That Called Himself " Nike/sKID rOW'94 " Logged In To My Board... He Claimed To Be A Skid Row Member... He Also Claimed That He Was A Coder,GFX-Artist And Trader! Ok...So Far So Good...BUT!...He Claimed That He Was Calli'n From ENGLAND! I Thought That It Was Quite Strange To Call A New Opened Swedish Board.. So I Jumped Into A Chat And Asked Him What He Wanted... He Says That He Wanted Me To BETA-TEST A New NUKE-DOOR.... Well, Well...Ain't It Quite Strange To Call All The Way From ENGLAND To SWEDEN To A Little New Opened Board Just To BETA-TEST A New Door... Especially When He Was In Such A Big Group As SKID ROW!!! Well... He Got Some Access And Uploaded The Whole Thing... I Unarchieved It And Started A VIRUSWORKSHOP Scan... GUESS WHAT!!!....The Archieve Contained 2 COMMANDER LINKVIRUSES!!!

SO LOOK OUT FOR THIS FILE: EXE4.7.LHA In That Archieve These Files Contains COMMANDER VIRUSES: ---.

```

SkidRow/doors/ex/Ex!_Task <-----|
SkidRow/doors/ex/Ex!_UpdateSLog.x <-----'

```

The Door Is A So Called Exorcist!.x

SO WATCH OUT FOR THESE FILES....

I Can't Really Understand How It Can Be So FUCKI'N FUN To Trash New Boards Maybe It Is You'r Fucki'n Ego That Tells You That You Are SOOOO ELITE!!! Well I'll Say One Thing, And I Will Also Stand For It! I Don't Think That You Become More Elite If You Manage To Get A Virus In Someones Harddrive... The Scene Are Going Down The Drain If We Must Keep Draging On Such CRAP! That Can't Do Anything Except To Try To Get Elite By Destroying Others Work! I Don't Know If There Is Someone Called " Nike " In Skid Row, But If There Is And He Have Nothing To Do With This, I Appologize.... If It Really Is A Door Made By SKID ROW And That They Really Wanted Me To Test It But Did Not Know About The Virus I Appologize To Them To, But I Don't Think That Is True!..... Anyway I Advice You To Scan You'r HD If You Have These Files. Maybe It Is A Mistake Made By Skid Row,...TRUE OR FALSE..You Tell Me!

Ok...End Of Text, But Let Us Get Rid Of Those So Called " ELITE " That Does'nt Know Anything Better Than To Destroy Other Peoples Hard Work!!!

CLAUDIa SCHIFFER/NEXUS^SRE

ACHTUNG! ACHTUNG! ACHTUNG! ACHTUNG! ACHTUNG! ACHTUNG! ACHTUNG! ACHTUNG!  
 ~~~~~  
 -

### 1.146 LamerFry\_Comment

Paul\_Browne%39:138\_14.4@GH\_AMIGA.INSIDER.SUB.DE benutze seine Tastatur am 01.01.1995 um 17:58:46 Uhr, um folgenden Text unter dem Betreff "Public Announcement" zu erzeugen:

(Comment: PB is Paul Browne, SHi England  
other texts are from me)

PB> I had a phone call today from Mark Pemberton, also known as Kooky of Calypso. PB> He used Virus Workshop 4.3 to delete the Commander virus from his system but PB> was very upset and annoyed to find himself listed in the VW docs as a virus PB> programmer. PB>

I have only listed the visible texts in this virus and nothing more. This virus is a clone from the Liberator virus and was crunched and then manipulated the headers/routines. It's his own fault, if he makes such stuff. In the doc I only mention the visible ASCII texts and this should be ok, or ?

Shortcut: "This virus written by Cooky/Calypso for SHI test" or something like that. If he writes something like this, it is his own fault and he has to be sure, that someone will read this.

PB> Several months ago he hacked some existing viruses to demonstrate a means by PB> which viruses can be crunched and still evade detection when libraries such as PB> the decrunch.library and unpack.library are used by virus killers. He gave me PB> the only copy of the virus which I passed on to SHIMain in Denmark and from PB> there it was sent only to SHI anti-virus programmers. It was never released. PB>

It reached some German antivirus programmers. I clearly state in the docs that this virus was sent to me by a SHI member. There can be everywhere some not so secure places and the virus could be out.

PB> Mark is very concerned that the VW docs might harm his reputation and has PB> asked me to invite anyone who doubts him to contact him at his address which PB> I'll include below. Personally I find it surprising that a test virus PB> intended only for SHI programmers and which was only passed through internal PB> SHI channels could find its way to a programmer who bans SHI from distributing PB> his killer.

For my person: I don't think that he is something like a virus programmer. His fault was to clone a virus (producing clones is not legal !?) and to write his name in it. HE wrote his name in the file and now HE has to read his handle in my docs. This is his problem, not mine.

Programming viruses in any form is prohibited and I personally wonder a little bit, that SHI owns a special manipulated testvirus-clone.

To the internal SHI stuff: VT, VZ and VW know this virus. There are/were some persons in SHI, who understand, why several viruskillers are not allowed to be distributed by SHI, but on the other hand see, that they can support us with a new and unrecognized clone.

## 1.147 DMS\_2.06\_Trojan

DMS 2.06 Trojan:

-----

Filelength 45732 Bytes (partly packed)

This trojan was spreaded around 2-3.01.1995. in Europe. The  
4eb9

linker was used to link an additional code on a normal DMS ↔  
version.

DMS 2.06 is at this time NOT released. The linked programm contains  
a FastCall hacking system, which is a little bit more advanced in  
comparison to the code in the

LHAV3

or in the

Vtek22

trojans. The

trojan tests for the SnoopDos task and skips, if this task was  
found.

The mailbox hacker is crypted with a quite nice eor-loop. The main-  
part is packed with something different, but I was too lazy too  
check this out, because it's for the virus quite irrelevant.

Shortcut from the decrypted file:

```
'S:HauptPfad'
'User/SYSOP/Userdaten'
'User/Slayer/.index'
'User/Slayer/.txt'
'Absender   : SLAYER'
'Betreff    : Test'
'Datum      : 16.11.1994'
'Uhrzeit    : 22:02:41'
'Zeilen     : 2'
'16.11.1994 22.02.41    1 Asc Slayer      '
'      Test'
'SnoopDos'
'dos.library'
'User/Slayer/lesemeldung'
```

File-ID description of this trojan:

```
ø-----ø
|      _  _i_      |
|      /  \  \  |: / /\   - DMS 2.06 --- |
|      /  _  \ \ ! / /  .\      .|
|      // |  \ /  \//  \/\  -cRACKED   :| |
| / .  |  .\ : i  .\  \ \      vERSION :|
| / ___ | ___ \ | ___ \ ___ \ \      .:|
```

```

|           !           ::|
|           .:::|
|           .....:|
Ø-----Ø
    
```

This warning appeared first on the fast european systems:

```

>Probably virus in file dms206.exe of archive dms206.lha
>
>           45732 Bytes
>
>Virus Workshop reports $4EB9 File wich means probaly BBS-Virus
>inside!!!! Former version of DMS did not contain this $4EB9 (Hunk?)...
>Also packed with an unknown packer...
>
>I have not very much knowledge about these things, but check it out
>it looks a little bit strange.....
>
>The program-name is 2.06 but the last REAL version was 2.04!
>
>Better don't use this shit till someone checked it!
    
```

Without this warning I would have never had checked this file for a possible infection. Special thanks to jnfiltr/\to@.

Comment 11.01.1995:

Some guys thought it would be funny to re-release this trojan again. This time it's name is cry\_206.lha.

File\_ID.Diz of it:

-----

```

:::_____:::
:::/  _/  \  \  /  /  _ \  _/  \:
:\/  /  \  \  \  /  /  /  /  \  \:
:\  \  \  \  _  /  /  _/  /  /  /:
::\  \  \  \  /  \  /  \  \  \  /:
:::\  \  \  \  /  \  \  \  \  \  /:
:::\  \  \  \  /  \  \  \  \  \  /:
:::_____::: [PRESENTS]
:::DMS V2.06 (FaSt) [CrAcKeD VeRsIoN]:
:::_____:::
    
```

Detection tested 04.01.1995.

Comment 05.01.1995:

-----

VH Team NL (Jan Hendrik Lots) produces tests of viruskillers and claims that VirusWorkshop isn't able to recognize this 2.06 trojan. That is simply wrong. JHL is testing a manipulated one and I cannot give you a letter saying that a viruskiller would recognize all deactivated viruses, too.

## 1.148 Surprise Trojan

Surprise Virus:

-----

Filelength: 39296 Bytes (unpacked)

The name for this virus comes from the person, who send it to me. There is no sign, why this virus was called in this way.

This is a simple RDB formatter for all harddrives on Unit 0 from the SCSI device (e.g. all A4000/A1200 systems). The code looks partly quite good. The first 2048 bytes will be overwritten and there is no rescue, except you made a backup of the RDB before. The name of the device is "Suck me Organizers" and the volumenname is "FuckOffe".

Kids, stop finally playing around with this shit !

At the end of the virus you can read:

```
'RDSK'  
'Suck Me Organizers      '  
'PART'  
'FuckOffe'  
'DOS'  
'scsi.device'
```

Detection tested 04.1.1995.

Comment 12.01.1995: A warning text concerning this virus caused some misunderstanding(?).

Click~me  
to read it.

Another text from the "authors" of the virus appered. Judge for yourself !



Click~me  
!

## 1.149 TurboSqueeze 6.1

The TurboSqueezer is a not very often used Packer nowadays. It was used several times for BBS viruses (probably based on the reason, the some unpacker librarians did not recognize it).

Mainly BBS viruses against AmiExpress were packed with it.

## 1.150 Copy\_LX

Copy\_LX 1.03 Trojan:  
-----

Filelength 6932 Bytes (unpacked)

This is a classical trojan horse. Installer is probably a modified LX 1.03 programm (I still search for it. The file I got from the AmiNet was clear). It will write a new COPY command.

This copy command searches for the file "s:save". If this file exists, the trojan will not work and the original copy command (V38.1), which is linked behind the trojan, will be activated.

Then the virus checks the actual date: If the date is 5961 or more days after the 01.01.1978, the virus will start, otherwise it will skip. This date was somewhen in 1994. Then a longword "scsi" will be decrypted and via globaldoslist and the known routines, it will be tried to get a device, which starts with the long "scsi". If such a device was found, it will be tried to get the rootblocknumber and then it will be tried to read from the rootblock.

Problem: I got the Copy command itself and the resourcefile. In the copyfile only the READ command will be used, in the resourced file the WRITE command will be used. I wonder a little about this.

If the write command is used, all reachable devices (beginning with scsi) will loose it's rootblock. Try to recover the data using things like Quarterback and/or Disksalv.

Detection tested 07.01.1995.

---

## 1.151 Party94\_Comment

Original Text from Jan Andersen / Virus Help: (Filename: vhelp-01.txt)

-----  
 \*\*\* Omr.: VIRUS\_AMY Dato: 31 Dec 94 11:37:55 \*\*\*  
 Fra : Jan Andersen (39:141/127.1) \*\*\* Til : All \*\*\* Emne: Virus Warning !!!!

Hi All !!!!

The is a new warning about a demo that damages your RDB Boot. (Great way of starting the new year) :-((((((((

This demo is called 'SURPRISE.exe', and has a size of 39296 bytes. It makes all your partitions on your HD into, one partition and calls it 'SUCK ME ORGANIZERS'. We think that it only makes damages on SCSI devices, but we are not sure about that.

The demo was made at the 'PARTY 95' in Herning, Denmark. And was given to the organizers to compeat in the contest of the best demo. It did do some damage to there HD, but a guy (Benny) did restore there HD.

We do not know if it was spred at the party. But if it was, please take care of this demo.

This demo is on it's way to every wellknown antivirus programmer.

Regards....

|      |     |              |                       |
|------|-----|--------------|-----------------------|
| ___  | /// | Jan Andersen | FidoNet: 2:236/116.1  |
| \\   | /// | VIRUS HELP   | AmyNet : 39:141/127.1 |
| \XX/ |     | TEAM DENMARK | BBS : +45 3672 6867   |

-----  
 Reply by Lector / The Party:

We (the organizers) wanted to reply to this text to confirm / disprove any rumours / speculations.

First of all, it is true that we recieved a intro (not demo) that did some damage on the computer we tested the intro on. However, this was NOT a virus. A virus stays resident in memory, can infect other disks or change existing files on the harddrive. It was 'simply' a program that, as Jan Andersen explains, destroys your RDB and all info about your partitions. (Whick of course is bad enough)

However, the program ONLY works in AT/IDE devices, in other words, it will NOT do any damage to SCSI devices. (According to a representative from SHI)

Finally, the intro was NOT spread at The Party 94 (!) (at least not by us) but we have no knowledge of whether the author distributed it personally or not.

The Party

## 1.152 IStrip 2.1 BBS Trojan

IStrip 2.1 BBS Trojan:

-----  
 Filelength 1156 Bytes (unpacked)  
 Filename: Istrip/S/Istrip.bin

This is a classical BBS trojan, which tries to read the user.data file from AmiExpress systems and write it into the uploaddir directory under the name: eatme.lha. This way of hacking boards was performed by Zonder Kommando some months ago. The code looks quite good and the programmer of this shit is no beginner in assembly-language.

File\_ID.Diz:

```
-----
          TAS / MEDELLiN UK PRESENTS
-----
--> ISTRIP 2.1 beta LhA turbo stripper! <--
--> There is no other stripper! Doesn't <--
--> use LhA for stripping, custom 680x0 <--
--> code! - Can kill #?#? & *.* banners <--
--> As well as delete protected files + <--
--> Ansi Analyzing improved with 60 % <--
-->                                <--
-->    WORLD BEST/FASTEST STRIPPER! <--
-----[..SSF..]-dANCE-wITH-mE-[..5D..]-----
```

I think it exists a real IStrip and someone just resourced it and put a new routine additional in it. VirusWorkshop only recognizes the virus itself, not the loader.

Detection tested 17.1.1995.

## 1.153 ADDY-099-Doc

```
////////////////////////////////////// Addy Ver. 0.99 \\\\\\\\\\\\\\\\\\\
          -----
```

WHAT THE FUCK IS IT ?

A small BBS Add maker, for you guys to put in your .lha's :)



Every time you run a shell it will add a line in your user-startup "Wait 5" and you will see the text above when you are rebooting.

I do not know what it does to your C:Dir command, but if you have started this program up, then replace the c:Dir command, with a new clean one, from your WB disk's.

It will work under KS 2.0 and 3.0, have not tested it under KS 1.3 yet.

The archive is on its way to every well known antivirus programmer in the world, thank guys for the great job you are doing.....

Thank to Morph, for sending me this new 'Thing'.

Regards

Jan Andersen.  
Virus Help - Team Denmark.

FidoNet: 2:236/116.1  
AmyNet : 39:141/127.1  
BBS : +45 3672 6867

```

      _____
     /_____/ " " " . / ## # / _____) \ _____
    / " " " / // _____ / " " " / " " " / _HELP!
   / / // " " " / // / // _____ \
  \ // / _____ / // " " " / X @ ! /
   \ _____ / \ _____ / " " \ _____ /
                                     / _____/

```

## 1.155 Some texts concerning the Surprise Virus

The text below appeared on the known systems at the beginning of february 1995. This seems to be a text from the programmers of the Surprise Trojan. The text is a fake in my opinion and/or contains some logical errors...

Here the text is:

```

-----
The truth about the Party virus called:
- SURPRISE.EXE -
[written by the authors of this virus!]
-----

```

SURPRISE.EXE - is it really a virus?

Dear Amiga owners!

[date:30/01/94]

All of the AUTHORS wanna excuse for this file, but it was made in respect to the behaviour of the organizers at the Party 4... Lots of them thought to be GOD and did like that! for example: - They could drunk! alcohol, in spite of

not being allowed for us! - They made lots of people waking up at 7 o'clock in the morning! (just

for fun! - to show us they were the organizers) - If they wanted to, they searched for anything illegal in our PRiVATE stuffs!

(in spite of the fact we didn't have anything illegal - and we even told it them!) Is it fair to search in our PRiVATE stuffs? - even the price of xeroxing was different man by man (the first one copied

a sheet for 2 dkk, somebody else for 3 dkk and there was one who did that for FREE! - it depended on the mood of the organizers!) But these were just some minor problems, however, they managed to fuck up our mood and the atmosphere with their behaviour... We travelled more than 2000 km to get this party, but unfortunately we met with narrow-minded and pigheaded organizers there...

NOBODY (I mean from the programmers) spread this file at all! All we wanted to do is just to strike back to the organizers because of their annoying behaviour... We didn't want to harm anybody! (expect for the organizers) ...

We are really sorry if you got (and run) this file... IT's NOT a VIRUS!!!!!! It doesn't infect anything and it even not spread itself neither!

DELETE AND DON'T RUN IT!

All we wanted to express was our misunderstanding with the organizers....

Comment To: \*\*\* Omr.: VIRUS\_AMY Dato: 31 Dec 94  
11:37:55 \*\*\* Fra : Jan Andersen (39:141/127.1) \*\*\* Til : All \*\*\* Emne: Virus  
Warning !!!!

You needn't afraid... It's not virus, just a small file... If you don't run this file, then nothing is happening! It ONLY? damage the partition-table!

WE ARE ALSO AGAINST THE VIRUS-PROGRAMMERS!

AND WE REALLY SORRY FOR HAVING SPREAD THIS FILE!

[authors of the SURPRISE-intro]  
^^^^^^^^^^^^^^

## 1.156 Gath95-! Trojan

Gath95-! Trojan:  
-----

Filelength: 14032 bytes unpacked (crypted with a simple loop)

other possible names: Achtung(.exe) trojan

This is a very simple trojan. It tries to format your dh0: using quick-format and afterwards it will be tried to fill your dh0: using files with the following names: dh0:lamer.aaaaa. The filenames can differ in the last chars (possible to really fill up the drive).

The trojan writes a new file with the name:

---

"ram:verwirrung" (a german word, which means irritation)

The the executecommand for the quickformat will be started. The new name of the dh0: device is then LAMER.

This trojan is much more dangerous than the ordinary quickformat stuff, because of the high amount of new written files (lamer.aaaax), the intern structures of the qickformatted directory will be changed and a data loss is in most cases not to prevent.

This trojan was spreaded as intro for the Gathering`95 party in Oslo.

File\_ID.DIZ:

```
+-----+
|Virtual Dreams, Melon and Rage's New Intros
+-----+
[%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%]
  THE GATHERING PARTY INVETATIONS. 3 OF THEM
[%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%]
+-----+
|The BEST CODE of 1994/95. Defintly! Get it!
+-----{ cSo/Ç(¿'g5! }---+
```

Detection tested 11.2.1995.

Special thanks to Mario/TRSi for keeping this virus for me !  
 Euronymous/TRSi for the warning !  
 Ixxy/TRSi for calling Mario

## 1.157 Red\_October\_17\_Linkvirus

Red October 1.7 Linkvirus:

```
-----
-Kickstart 3.x: Yes
-MC68040      : Yes

-Infected files become 1296 bytes longer
-No changed vectors
```

The virus allocates the memory for the to be infected file. It does not path a DOS vector, it simply tries to infect files via EXNext etc. The virus recognizes itself using the first codehunk and the first longword in this hunk (\$4e714e71).

The virus does not correct any Relochunks and most infected programmes crash. It simply copies its codehunk before the first codehunk and increases the length. The virus is very simple, but I decided to recognize this one, too. This virus is very old.

Around offset 1100 in the first hunk, you can read:

```
'timer.device'  
'dos.library'  
'ram:'  
'ram:1'
```

The original first infected file is 1296 bytes long and will be cleared completely ('cause there is nothing more to fix').

To this virus, there exists a documentation, which was spread years ago together with this virus:

The Red October Virus 1.7 (901029)

This virus program is for demonstration and testing purpose only.

The Red October virus is a non-overwriting virus and was developed and tested under AmigaDOS 1.3.

The following points influenced the development of the program:

1. The virus should infect other programs only when system clock seconds are evenly divisible by three.
2. All of the infected files should continue to work properly.
3. The manipulation task in the virus causes a system crash when the system clock seconds are 16, 32 or 48 (evenly divisible by sixteen).
4. The virus only infects files which are shorter than 50000 bytes in the current directory.

Delete the virus and the infected programs on the computer when you are done. WORK WITH COPIES ONLY.

Detection tested 12.2.1995.

## 1.158 Promoter1-Virus

---



Promoter 1 Virus:

-----

Filelength 1848 Bytes (unpacked)

This one seems to be a little trojan, which tries to copy itself from disc to disc using the disc-validator. It will be tried to write a new file called "df0:l/disk-validator". The virus contains no real destructive routine and is only interesting for KS <2.04. The virus contains a little intuition routine to display some texts. This routine is buggy, because a cachefault will be made. Pure code from a beginner.

You can read the following texts in the virus:

```
'Learn from the great master about the my'steries of BCPL'
'FUUCKFUUCKn.library'
'dos.library'
'df0:l/disk-validator'
'      I am the Kickstart 2.0 - PROMOTER - Virus'
'      Please stop using Kickstart 1.2/1.3'
'      and I will stop bothering you'
'  This masterpiece of brilliant software was designed by'
' the marvellous VaginaMan, always deep inside the mysteries'
'      sponsored by Commodore Australia for remembering'
'      you to switch over to Kickstart 2.0 !!'
' This is PROMOTER 1, coming soon PROMOTER 2, which won't be such
' nice as Number 1'
'  So this is your last chance to switch'
' to Kickstart 2.0 with all',0
' your data, because Number 2 will be very'
' destructive and infectious,',0
' of course only for Kickstart 1.2/1.3-Users, because our motto is'
'      PROMOTE AMIGA',0
'      PROMOTE Kickstart 2.0'
'»      PROMOTE AMIGA'
```

Detection tested 18.2.1995.

## 1.159 World-Clock 1.16 Fake-Trojan

World-Clock 1.16 /X Trojan:

-----

Filelength: 21396 Bytes unpacked  
Used method: linking with 4eb9 (advanced version)

World-Clock is an AmiExpress utility written by Siegel/TRSi



```

|  aBOUT tHE fUCKIN' lAMER wHICH cREATES fAKES |
|
|  rEAD tHIS tEXT cAREFULLY sO U sHOULD kNOW tHE |
|
|  \                T R U T H !                |
|  \                |
|-----'

```

Berlin, 18.02.1995 ~~~~~ Well, one of my Beta-Testers has given me today a Version of World-Clock, which includes a BackDoor!!!!!! This Tool enables every time you start it after an reset the wellknown User 'HYPER' and reactivate him...this is NO FAULT FROM ME! I have checked this fake version (V1.16) with the Virus Terminator (VT) and he reports an \$4EB9-\$4EF9-Link, which will be produced by this fuckin EXECUTABLE-LINKERS, which allows poor lamers to add their code to existing Programs...to do this, this linker-programs have to change the Hunkinformations in the desired Program to allow the linking of their own shitty code and of course the executing of their linked code...as an example, i have written down the first line of both versions, the infected and the original one, and here you could see the changings:

```

ORIGINAL: ~~~~~ 00000000: 000003F3 00000000 00000002 00000000
..... 00000010: 00000001 00000C05 00000A93 000003E9
..... 00000020: 00000C05 48E77EFE 24482400 49F90000
....H~.$H$.I...

```

...

```

AND THE FAKE-VERSION: ~~~~~ 00000000: 000003F3 00000000
00000007 00000000 ..... 00000010: 00000006 00000005 0000007C
0000015A .....|...Z 00000020: 00000154 00000A13 00000A40 00000022
...T.....@..."

```

...

I think a blind man could see the difference between this two examples.

I'm very afraid that I can't do anything against such fuckin' Lamers, which are only able to destroy other's work instead of writing their own Doors, and I could - of COURSE - give no gurantee that the public versions of my doors are NOT infected by this lamer, I could only say :

I'm not interested to spend many hours of coding only to built in such back-doors! My personal goal is it to write user-friendly doors which should be a great help for all users when using the Amiex-BBS, not to destroy others BBS-Systems by infiltrating such users like HYPER.

The best gurantee to avoid such fuckin' shit is to register yourself and get the Tools direct from me...but that's your own decision....for number/PW of my BBS take a look to the end of file...

Signed:SieGeL (tRSi/X-iNNOVATiON) - FUCK YOU HACKER, ONE TIME I'LL GET YOU...

PS:Last Public Version is V1.18 - Length : 22348 Bytes....

## 1.161 ConMan-LoadWB-Installer2 (Quartex)

```
ConMan
-LoadWb-Installer 2:
-----
```

Length: 24596 Bytes unpacked

This is supposed to be a new intro from the legendary Quartex, but this is just a trojan, which writes a new LOADWB command and installs a new task into system, which is named:

```
CLI(0): No command loaded
```

(This types of tasks exists in clean systems, too)

The new LoadWB command is 2088 bytes long and packed with TurboSqueezer 6.1, like all other productions from ConMan in the past. The unpacked file is about 2124 bytes long and more information can you read about this virus in the section about the first

```
ConMan-LoadWB-Installer
```

.

Detection tested in Feburary/95

P.S.: Some unpacking systems have problems with this packed File, probably based on unpackroutines without security stuff.

## 1.162 Rastenbork-Installer

```
Rastenbork Installer:
-----
```

```
Packed: 5220 bytes (PP 4.0)
unpacked: 8640 bytes
```

This is just a little lame installer for two bootblockviruses. The work looks pretty lame and the texts in the installer sound for me like a work of a little boy trying to get famous by writing such shit.

To this little lame guy: If I get you, you have a serious problem. To the polish organizers of TRSi: If I were you, kick this guy very fast.

The installer just writes via TDdevice 2 viruses on the bootblock and is even in this part buggy.

---

Visible text in this installer:

```
' need regtools.library! Sucker!'
'Panic! I can',27,'t open trackdisk.device!'
'regtools.library'
'intuition.library'
'trackdisk.device'
'ThE rASTenbOrk iNsTAlleR by PePe/tRSi'
'VirusInfo'
'About installer... '
'WhAt tHE hEll ?!'
'Oh no...the CoolCapture vector seems to '
'be changed!!!'
'If you have virus in memory,installing will'
' not work'
'resident virus will reinstall itself!!!'
'but it doesn',27,'t have to be a virus.'
'QUiT|proCEED'
'Back to menu'
'vIRUs->dF0|vIRUs iNFo|<---|--->|aBoUt|QUiT'
'vIRUs->dF0|vIRUs iNFo|--->|aBoUt|QUiT'
'vIRUs->dF0|vIRUs iNFo|<---|aBoUt|QUiT'
'-----'
'-----'
'rASTenbOrk vIRUs liBraRy '
'      Last update: 1994.11.29'
'-----'
'-----'
'Virus name.....Rastenbork Virus'
'Version.....1.2'
'Born.....1994.04.28'
'Action.....writes rubbish to the '
'root block after 10 times disk'
'      changed in any drive '
'since last soft reset'
'Help.....use any disk repairing '
'program (eg.FixDisk)'
'recognition....$f0f screen while bootin'
'      included text ',27,'Boot Vir'
'us Protector v5.4',27
'      and ',27,'A NPS production.',27
'Notes.....one of first releases o'
'f Rastenborg and therefore'
'      with some bugs (get Viru'
'sInfo). '
'-----'
'-----'
'01 of 02 ' kEE'
'p oUT oF tHE rEaCh Of lAMerS !'
'-----'
'-----'
'Information on Rastenbork Virus 1.2:'
'This is the first release of Rastenbork, '
'and contains some bugs, which'
```

```

'may be found as one of destructive ac'
'tions of virus, however they'
'haven',27,'t been planned. Here are some techn'
'ical informations:'
'auto memory alloc at every reset'
'new DoIO handler for all actions'
'installs on every unprotected disk at '
'disk changing'
'-after changing disk 10 times (any driv'
'e) since last reset exchanges'
'next read DoIO operation to write, so '
'usually the rootblock (880)'
$A
'is destroyed,then writes intuition aler'
't.'
'includes coded text'
'-includes not coded text suggesting tha'
't bootblock is a Vir Protector'
'And the most important bugs:'
'does not check if disk is in AmigaDOS, '
'so booting from HD with virus'
$A
'in memory equals babbling the HD 0 bl'
'ock (funny?). This hasn',27,'t been'
'planned but may be used against HD users'
'!'
'-does not check if disk has already b'
'een installed with the virus,'
'so the disk changing operation takes s'
'ome more time on every disk,'
'but this doesn',27,'t cause any troubles '
'for the virus bootblock data'
'isn',27,'t self-changing.'
'-----'
'-----'
'rASTenbOrk vIRUs liBraRy          '
'          Last update: 1994.11.29'
'-----'
'-----'
'Virus name.....Rastenbork Casher Virus'
'Version.....2.0'
'orn.....1994.11.28'
'ction.....codes directory blocks a'
'fter 10 boots from'
'          infected disk'
'Help.....decoding possible'
'recognition....$fff screen while bootin'
'g'
'          included text ',27,'Panzer t'
'otal anti virus system',27
$A
'Notes.....latest release so far,b'
'ut who knows what the future'
'          will bring...'
'-----'
'-----'
'2 of 02                                kEEp'

```

```
' oUT oF tHE rEaCh Of lAMerS !'  
'-----'  
'-----'  
'Information on Rastenbork Casher Virus 2'  
' .0:'  
'his is the second release of Rastenbo'  
'rk and is a little improved'  
'comparing to the previously one. Has als'  
'o other destruction idea.'  
'Technical informations:'  
'-auto memory alloc at every reset'  
'-new DoIO handler for self-copying actio'  
'n'  
'-installs on every unprotected disk at d'  
'isk changing'  
'each boot from infected disk increases '  
'internal counter and rewrites'  
' bootblock'  
'after ten boots from the same infected d'  
'isk, the sectors of directory'  
' block are being coded,so fix disk isn',27,'t'  
' enough to restore data.'  
'Anyway,this can be done.'  
'includes coded text'  
'-includes not coded text suggesting tha'  
't bootblock is a Vir Protector'  
'checks if disk has been previously insta'  
'lled with this virus; if yes,'  
' leaves it alone'  
'checks if disk is in AmigaDOS,if it is n'  
'ot,it should not proceed with'  
' installing disk with virus.This ought t'  
'o keep hard disks free from'  
' destroying their 0&l blocks,but I haven'  
't tested this yet.'  
'This little program allows you to insta'  
'll two versions of Rastenbork'  
'irus.The question remaining is what for?'  
' I don',27,'t know.Coding viruses'  
'ive much fun, so that is why I coded tho'  
'se. And what is use of this'  
'nstaller for you? Is there any sense? I'  
' don',27,'t think so, but you can'  
'end virus to any of your enemies and wat'  
'ch him carefully.Treat it as'  
' test of my work.'  
'Please, spread this installer only to y'  
'our friends and use it within'  
'any lamer you know.'  
'If my viruses have caused any troubles t'  
'o any scene dudes,please take'  
'my deepest apologies.They weren',27,'t meant '  
'in this way.'  
'If you want to contact the author, for'  
' any reason or just for new'  
'friendship (no swap), please write to:'  
' PePe/tRSi,'
```

```
'400 Ketrzyn,POLAND'  
'Greetings to anyone I have ever met on m'  
'y way, and to those I haven',27,'t'  
'had pleasure to know...'  
'os.library'  
'intuition.library'  
'Boot Virus Protector v5.4'  
'Vectors wrong!'  
'Boot contains SCA (or similar) virus !'  
'Cold'  
'Cool'  
'DoIO changed!'  
'A NPS production.'  
'DOS'  
'dos.library'  
'intuition.library'  
'    Panzer total anti virus system'  
'Virus destroyed!'
```

Detection tested 26.02.1995.

## 1.163 ConMan-Hacker

ConMan-Hack trojan:  
-----

Packing type: Turbo Squeezer

The archiv "hackt.lha" contains a fucking CONMAN trojan ! The archiv contains the file Hackt.exe, which is Turbo Squeezed.

hackt.exe packed: 12692 Bytes  
hackt.exe unpacked: 12312 Bytes

It installs a new process with the name CLI(0):console.device and writes a new file called C:Iprefs. This Iprefs is packed several times and uses the 4eb9 linker method to unlink some strange stuff.

packed: 10820 Bytes  
unpacked: 14216 Bytes

The "CLI(0):console.device" process will reset your machine after it wrote the new IPrefs file.

The file itself contains an very old IPrefs and an, again packed, destructive virus from a guy called CONMAN. It will try to destroy many sectors by filling them with the word "CONMAN 1995". There is no rescue for such sectors. The destructive routine is just looking for "trackdisk.device", so no danger for harddiscs or so.

The IPrefs file will install a new process called conman.device. This process contains the destruction routine. VirusWorkshop is able to remove the dangerous DOIO() calls.

---



The ConMan viruses were mostly BBS hackers, now this guy reached a new dimension. I got yesterday a phonecall from an irritated user (someone of Krypton or so ?) and he told me about his file. He got it from a BBS in Berlin, which is thought to be the homeplace of CONMAN. This guy told me that he had downloaded it around 6.4.1995, so this virus is on the wild.

Detection tested 9.4.1995.

Special comment to RD10 of Osiris: It is pure bullshit to release a warning like yours and to include the whole virus ! Try to think next time a little bit more !

## 1.164 VTek22 LinkVirus (Typ A+B)

VTek22 Linkvirus and it`s installer:  
-----

Around March 1995 there was a new version of VTek22 found, which has some inner changes and increases the file with another length.

Warning ! In the file "viewtek22.lha" there is a new linkvirus ! The virus was uploaded to a box in Hannover around 24.08.1994. We got around 29.08.1994. the first phonecalls concerning this virus and spreaded short warning texts in Hannover and some days later a warning appeared in the german Z-Netz. The description of this archive says that it contains a new update of the wellknown viewtek programm by tek. If you depack the whole archive, you will find a guidefile and the viewtek mainfile. The mainfile is 93844 bytes long and contains the installer for the new linkvirus.

The virus itself is located in the second hunk. The first hunk is 848 bytes long and contains some crazy texts:

```
'dos.library'  
'S:HauptPfad'  
'User/SysOp/UserDaten'  
'BoxDaten/BoxParameter'  
'User/xxxxxxx/.INDEX'  
'User/xxxxxxx/.TXT'  
'Absender : KFUserCheck'  
'Betreff : Bitte lesen >NEUERUSER.TXT<'  
'Datum : 10.08.1994'  
'Uhrzeit : 20:50:58'  
'Bytes : 1024'  
'Empfänger : xxxxxxxx'  
'09.08.1994 23.45.16 1 Asc SYSop'  
'Neueintraege'
```

The archiv contains only one mailbox advertisement from a box in Hannover. I meet the sysop of this box and got the name from the uploader of the file. The username is xxxxxxxx. (The same as in the ASCII text of the installer). The installer is a modified viewtek 2.1.378 version dated 17.02.1994. In my opinion the first hunk is something like a FASTCALL hacking system, which is maybe able to modify userdata and some other boxparameters. It's possible that this file was not uploaded by xxxxxx, but by somebody else and the sysop of this board activated this virus and the userdata etc. were completely changed.

But now to the exact description of this virus:

-----  
Linkmethod: adds a new hunk to the file (\$3ed longwords=Typ A)  
(\$462 longwords=Typ B)

Increases filelength by: 4036 bytes (Typ A)  
4504 bytes (Typ B)  
Kickstart version required: KS V37.xx or higher

The virus itself is not resident and creates only a new process. The nodeentry will be in the way changed, that the nl\_type flag says that it is a task. The process has always the same name: "trackdisk.device" and has the same priority as a normal trackdisk.-device task. Many parts of this virus are crypted. The crypt-routines are static, no polymorph or in other way "intelligent" cryptparts could be found. The DOS routines are quite clever. There are no direct DOS jsr's (e.g. jsr -36(a6), to close a file). This routines a hidden or in other words another technic will be used for it (global). Due to this special effect, all DOS function scanning programmms like SpyDos, HackDos or SnoopDos will be cheated and no output is made by this programmms.

The virus only links itself on other files, if the following conditions are true:

- more than 9 sectors free
- device must be validated
- no file longer than 143360 bytes will be infected
- file must be executable
- filename is one of the following:

c:zoo , c:shrink , c:iprefs , c:mount , c:dms , c:setpatch,  
c:version, c:lharc, c:arc, c:fastgif, c:vt, c:show, c:ppshow,  
c:ed, c:iconx

This virus contains many cryptroutines, which are not used as far as I can see up to now. A displayroutine or something like a text-writer seems to be not in the virus. The virus contains a crypted block, maybe this block contains a name for this little bastard. We are working on it...

---

The virus contains a routine, which manipulates the controllregister B from CIA-B and the controllregister for the synchronisation from the blitter with the screen. I don't know exactly what this will affect exactly.

The hunk routine recognizes the following hunks: \$3ec and \$3eb. I expect some problems with programmes with some other special hunks. VIRUSWORKSHOP 4.1 will be able to remove this virus and the infected programmes will be working, even if they were not working, when they were infected.

The way of manipulating the hunks is quite similar to the method, which the Burn Viruses use.

Detection tested 05.09.1994.

Detection of Typ B tested 20.3.1995.

## 1.165 AX-Fucker

/X Fucker Linkvirus:

-----

Kickstart 2.x only based on the DOS patchroutines.

MC68040: yes (without caches)

Increases filelength by 928 bytes

This is an ordinary linkvirus, which adds its code to the first hunk and does only work on the following conditions:

- file contains only 1 hunk
- no reloc hunk at the beginning

It puts an additional \$3f1 hunk in the beginning containing the string /X Fucker. The virus patches the DosOPEN() and DOS LoadSeg() vectors and is not resetproof.

Based on the \$3f1 file at the beginning, better viruskillers could atleast say that a \$3f1 hunk is at the beginning. The virus itself is coded quite bad and seems to be spreaded bad.

The first infected archive was the "axripii.lha".

The LoadSeg() routine is only thought for the infection of loaded files. The DosOPEN() routine contains a destruction routine, which is timebased. Starting with 24 Feb '95 all opened files will be opened using the NEWMode (they will be cleared), if the access is to the BBS: directory.

Hexdump of parts of this virus:

```
0000: 000003F3 00000000 00000001 00000000    ...ó.....
0010: 00000000 000000E5 000003F1 00000003    .....å...ñ....
0020: 2F582046 75636B65 72000000 000003E9    /X Fucker.....é
```

```

0030: 000000E5 48E7FFFE 2C780004 43FA02F8    ...åHç.p,x..Cú.ø
0040: 4EAEFE68 41FA02EC 20800C39 005A0000    N@phAú.ì ..9.Z..
0050: 00006700 03046104 4AFC02FE 13FC005A    ..g...a.Jü.p.ü.Z
0060: 00000000 2C780004 2A7A02C8 203C0000    ....,x..*z.È <..
0330: 351D0001 12F0646F 732E6C69 62726172    5....ødos.librar
0340: 79000000 03F10000 00032F58 20467563    y....ñ..../X Fuc
0350: 6B657200 00000003 4CDF7FFF 41FA0004    ker.....Lß..Aú..

```

Detection tested 12.3.1995.

There appeared a quite bad description of this virus, which is nearly in all points wrong.

Click~me  
to read it.

## 1.166 AX-Fucker warning by SHI Main

03-03-95

SAFE HEX WARNING

The archive axripii.lha 120046 bytes is a trojan and contains a harddisk damage program called Fucker virus. The dangerous files is the following:

```

AmiBBB ..... 2092 bytes unpacked
AmiRip ..... 1348 bytes unpacked
RipCon. Device .. 4324 bytes unpacked

```

This trojan will overwrite your harddisk in no time with a lot of garbage and all your files will be lost. No salvage is possible. Check out that you don't spread or run this nasty ones.

Kind Regards

Erik Loevendahl  
SAFE HEX INTERNATIONAL

## 1.167 NComm32\_Trojan

COP Typ A Trojan:

-----

other possible names: NComm 3.2 Trojan

Length: 121896 (StoneCracker 4.04 packed)  
226116 (unpacked)

This is a typical lame trojan. It contains a routine to scan every file in the S: and BBS: assigns and to overwrite it with the a new file, which only contains the text "

CIRCLE~OF~POWER~1995!

". The code of

the trojan looks not like a beginners work, it will be used some indirect adressing and several other stuff.

The file is 2 times modified using the wellknown

4eb9~linker

and visible

texts in the virus are "s:", "dos.library" and "CIRCLE OF POWER 1995!".

Detection tested 25.03.1995.

COP Typ B Trojan:

-----

other possible names: CED4, LHA30 or OPUS5

found in CED4 (filelength 174500 powerpacked and protected)

found in LHA30 (filelength 69888 packed with StoneCracker 4.04)

found in OPUS5 (filelength 347308 powerpacked and protected)

Nearly the same routines, but a lot of more assigns will be infected (devs: libs: ncomm: bbs:) and the new written text is "Circle of Power'95".

The file OPUS5 is again a little bit different. The string is only COP'95 and there will be destroyed e.g. no ncomm: assigned files. The protection in CED4 and OPUS5 is the same. Due to a additional hunk at the beginning of the file, no unpacker can recognize the packed stuff. Nothing tricky for a profi....

The additional hunk is a so called HUNK\_NAME and only contains the string "\*Art". I know this string as a sign for a programmer some time ago, but don't remeber his name.

Detection tested 28.3.1995.

COP Typ C Trojan:

-----

Possible other names: SinFo Trojan

Filelength 2852 bytes

Same behavior as the last ones.

Click~me~to~read~some~crazy~stuff~about~SHI~and~COP~!









LZX\_68000EC 67680 ----rwed Gestern 07:55:20

contains a COP trojan ! Don't start it, it will trash your HD !  
It tries to fuck up the following dirs:

```
"ncomm'  
'bbs'  
'devs'  
's'  
'envarc'  
'libs'
```

All files will be overwritten with the following text and NO rescue is possible:

```
=CIRCLE OF POcER=  
[ THE RETURN OF THE POcER PEOPLE! PHEAR US! ]
```

The destruction routine is the same as in the last one and does not seem to be from a prof. coder.

This time it was added a history file to cheat the user.

A special thanks goes at this point to Apollo for the warning ! Sorry for your HD....

Another LZX version got infected by COP, too. This time it is lzx125.lha.

```
LZX_68040 65456 ----rwed  
LZX_68020 65708 ----rwed  
LZX_68000EC 68492 ----rwed  
LZX.guide 92373 ----rwed
```

In the File ID stands:

LZX 1.25 (NO FAKE)

All executables are infected by the COP trojan !

NOTE: Another COP trojan appeared at the end of October '95. It was in a fake of a new AmiExpress version (LSD\_AE42.lha). Functions like in the previous COP versions, but this time the decoding fails and there CAN't be a damage. A warning popped up, but how it can happen, if no visible string , even not the dos.library, can be seen.

Comment 05.11.1995: Another COP trojan appeared in the file DMV05.exe. It's just a small COP trojan as always. No new functions, only another text and some changed directories...

## 1.168 Some words about COP...

Some words about Circle of Power (short: COP)

-----

This seems to be a scandinavian hackergroup, which hacks/formats mailboxes for money or simply just for fun.

Here a shortcut from a formatcapture, which they spreaded on the boards:

[--+] PHEAR THE CIRCLE OF POWER!! [--+]

Whatever: ~~~~~~ If u wanna hack/format yer enemies for a small fee, lets say some cards or \$\$\$, contact us. This service is only available for swedes tho. The phone number to our VMB will be stated in the next release, ofcuz a toll-free 020 number. (no shit. heh)

-.k.H.A.N.A.N.- / -\$\div\$C\$\ ←  
div\$O\$\div\$P\$\div\$-

Members: ~~~~~~ Khanan - Scotch - Iconxpert

## 1.169 ahkeym\_Trojan

AhKeym-Trojan:

-----

filelength: 2160

other possible name: Heavne-Master-Key-Maker Trojan

Possibly programmed in Arexx and then made executable via a Arexx compiler. All texts are crypted, only the normal access to the rexx#? libraries will be shown. This is a virus, which tries to kill the following stuff:

- Many files in the prometheus: directory (Prometheus is a german mailbox programm)
- All files in the directories sys:c/ sys:l/ sys:libs/ sys:l/

Then it tries to kill various RDB via the KillRDB command. Accessed devices are oktagon.device and scsi.device.

The whole stuff is programmed very lame, but effective.

After decoding you can read a lot of text in the file:

Heaven-Master-Key-Maker V1.1

---

```
fuer die neuen sichereren Keys :
Serien#.fuer.Tools.. :
Serien#.fuer.Checker :
Serien#.Sec. Abfr... :
'Key fuer Checker, Tools oder Beide.. :
delete >NIL: sys:s/startup-sequence'
sys:c/delete Prometheus:pmbs.key');
sys:c/delete Prometheus:daten/#?)
'Fetich =;-))
'Das Key liegt in RAM:T..... have fun ( drueck ne Taste )'
sys:c/reboot'
call ciao;
```

Original File\_ID.Diz of this file:

```

_____\_____:_____\_____\_____\_____\_____
\:::.. \ensuremath{\lnot}: Y \ .:::/
\_::.. _____ | _____:____/
/ _____) / l/ \ensuremath{\lnot}\./ Y FAiRLiGHT
::\ | .\ / . |... ..:::.\
____!:::.\ _____:____NeB:...
=====\/=====;=====
A-Heaven Master keymaker
for the NEW key's
```

Detection tested 25.03.1995.

## 1.170 Devil-Zine10-BBS-Hacker

Devil-Z10 BBS Trojan:

other possible names: Devil-Zine10 Hacker

```
3 files: l/disk-validator (1848 bytes unpacked)
          ../fastdir (840 bytes unpacked)
          c/.fastdir (9800 bytes Turbo Imploder packed)
          (16696 bytes unpacked)
```

This virus was found on a LSD CD in the ZINE10 diskmag directory. I have the original ZINE10 from BRS and this does not contain the virus, so I expect a later infection. All kind of the code look like the work of a guy called Devil, who coded in earlier days a lot fo this shit.

../fastdir file:

This is just somekind of installer. It reads the 880 block from trackdisk.

device unit 0 and set the validate flag illegal. Due to this routine, all kickstart 1.x systems will try to load the disk-validator to repair the "failure".

Readable texts in this file:

```
'dos.library'  
'ZINE10:'  
'FTSCNU'  
'trackdisk.device'
```

l/disk-validator

This is just a loader routine for the file c/.fastdir. It loads via LoadSeg() the code and starts a new process with the name "Filesystem". Nothing more. The codes is partly crypted. It looks for the task/process "SnoopDos" to make sure, that the old SnoopDos is not in memory active. SnoopDos 3 will be not detected.

Readable texts in this file:

```
'dos.library'  
'ZINE10:'  
'FTSCNU'  
'File System'  
'SnoopDos'
```

c/.fastdir

This is the "main" file of the bbshacker. It contains a lot of directory-pathes to several BBS (AmiExpress) dirs. This file scans through this dirs and looks for special files, which will be just recognized at their filelength. Then the code will be manipulated. Probably in the past some security doors or stuff like this had this filengths and the virus/hacker tried to hack it in this way. This part checks the existence of SnoopDos, too.

After decryption you can read the following texts in this file:

```
'BBS'  
'DH0'  
'DH1'  
'HD0:'  
'HD1:'  
'DH0'  
'DH1'  
'HD0'  
'HD1'  
'BBS:'
```

```
'DH0:BBS/'
'DH1:BBS/'
'HD0:BBS/'
'HD1:BBS/'
'DH0:'
'DH1:'
'HD0:'
'HD1:'
'SnoopDos'
'dos.library'
```

Detection tested 27.3.1995.

## 1.171 Revenge of NANO fileviruses

Revenge of NANO I Virus:

-----

```
Type = Filevirus
Length = 1412 Bytes
Kickstart 3.0 : yes
Patched vectors: CoolCapture and OldOpen ()
```

This is a quite simple filevirus. It simply patches the Exec OldOPEN() and the Coolcapture to stay resident. The virus writes itself as an invisible file with the name "\$a0a0" to disk and inserts this name in the first position of the startup-sequence.

The new written Startup-Sequence is always \$bc0=3008 bytes long and can contain several garbage, if the original startup-sequence was too short. If the original startup-sequence was longer, then the last entries will be lost and no rescue is possible.

Under special conditions the virus will open a requester saying some stuff or will change the title of the actual window. All in all a harmless virus without any special dirty tricks inside.

Visible texts in this virus are:

```
'dos.library'
':s/startup-sequence'
'I hate Commodore !!!'
'Revenge of NANO !!!'
'...another masterpiece by N A N O !!!'
' GREETINGS TO:'
' 1 Byte Bandit, Byte Warrior,DEF JAM, DiskDo'
'ktors'
' B FANTASY, Foundation For The Extermination Of Lamers,'
' N I.R.Q. Team, Obelisk Softworks Crew, S.C.A., UNIT A ...'
```

Detection tested 8.2.1995.

## 1.172 ConMan-hackt.lha-trojan

ConMan-Hack trojan:

-----  
Packing type: Turbo Squeezer

The archiv "hackt.lha" contains a fucking CONMAN trojan ! The archiv contains the file Hackt.exe, which is Turbo Squeezed.

hackt.exe packed: 12692 Bytes  
hackt.exe unpacked: 12312 Bytes

It installs a new process with the name CLI(0):console.device and writes a new file called C:Iprefs. This Iprefs is packed several times and uses the 4eb9 linker method to unlink some strange stuff.

packed: 10820 Bytes  
unpacked: 14216 Bytes

The "CLI(0):console.device" process will reset your machine after it wrote the new IPrefs file.

The file itself contains an very old IPrefs and an, again packed, destructive virus from a guy called CONMAN. It will try to destroy many sectors by filling them with the word "CONMAN 1995". There is no rescue for such sectors. The destructive routine is just looking for "trackdisk.device", so no danger for harddiscs or so.

The IPrefs file will install a new process called conman.device. This process contains the destruction routine. VirusWorkshop is able to remove the dangerous DOIO() calls.

The ConMan viruses were mostly BBS hackers, now this guy reached a new dimension. I got yesterday a phonecall from an irritated user (someone of Krypton or so ?) and he told me about his file. He got it from a BBS in Berlin, which is thought to be the homeplace of CONMAN. This guy told me that he had downloaded it around 6.4.1995, so this virus is on the wild.

Detection tested 9.4.1995.

Special comment to RD10 of Osiris: It is pure bullshit to release a warning like yours and to include the whole virus ! Try to think next

---

time a little bit more !

### 1.173 Devil-VScan-AmiExrexx Hacker

Devil-VScan-Trojan:  
-----

Filength: 37896 bytes

other possible names: V-Scan 5.05 fake/trojan  
first detected during a CD scan from a german pd compilation

This is a changed version of V-Scan by Arthur Hagen. There was linked an additional hunk using the 4eb9 linking method (a quite old version was used) and this hunk contains a bbs or to be more precise an AX-bbs hacker, which modifies user.data. The code looks like the work of a guy called Devil, so I decided to call this one Devil-VScan. it has nothing (?) to do with the actual VScan programm by Gabriele Greco (atleast I think so).

Shortcut from the original document:

- 5.03: Works with the A3000(!). Recognizes ZKick 2.30. No longer reports some odd files as (C) Steve Tibbett. Sorry, Steve! Two new crunchers added (TurboImploder 3.1 and PowerPacker 3.0a). Will now handle overlayed programs correctly. Will recognize saved bootblocks. Analyze mode much improved. Works for files larger than 1Mb. Some other bugfixes.
- 5.04: Nothing much, just added the Centurion file virus (yawn).
- 5.05: \*\*\* WARNING \*\*\* This is a bogus version not made by myself! Avoid this one at all costs!

Detection tested 15.4.1995.

### 1.174 Some more thoughts from my place

Some days before the SINFO10 COP trojan appeared, the VirusZ\_II 1.16 version was released by Georg Hoermann. He mentioned in his history file, that he added recognition codes for new viruses and mentioned the

---





VZWARN!!.TXT 1856 04-16-95

```
-----  
| A WARNING ABOUT VIRUSZ V1.16. |  
| DON'T TRUST THE COP VIRUS RECOGNITION! |  
| VIRUSZ IS SAID TO RECON THE COP VIRUS. |  
| WE TESTED IT ON THE COP VIRUS IN THE |  
| ARCHIVE CALLED SINFO10.LHA AND IT DOES |  
| **NOT** RECOGNIZE THAT COP VIRUS!!! |  
| THE COP VIRUS HAS PROBABLY SEVERAL |  
| GENERATIONS OF ITSELF. TO TRUST VIRUSZ'S |  
| COP RECOG. COULD BE VERY FATAL!! |  
----- (baron) -'
```

WARNING! WARNING! WARNING! WARNING! WARNING! WARNING! WARNING! WARNING!

ABOUT VIRUSZ 1.16

THIS IS SNAPPED FROM VIRUSZ GUIDE:

```
=====
```

VIRUSZ II REVISION HISTORY

```
=====
```

1.16 Changes/Additions since 1.15:

- Added patches: DosPrefs, TWA, PowerSnap and a new version of  
ToolsDaemon. Thanks to Rudolph Riedel for sending these. \*\*\*>> -

---

Added viruses: Circle Of Power, /X Fucker, Rastenbork 1.2, \*\*\*  
Rastenbork 2.0, Rastenbork Installer, World Clock Fake.  
Thanks to Markus Schmall and Jan Andersen for sending them.

This version claims to recognize the "circle of power" (cop) virus, but it does \*\*NOT\*\* recognize this virus in the sinfol0.lha archive!!! don't trust virusz when it comes to the "cop" virus!!!

TO TRUST THAT VIRUSZ RECOGNIZES THE COP VIRUS COULD BE VERY DANGEROUS AND FATAL TO YOUR VALUABLE DATA ON YOUR HD'S.

So take care with this!!!  
you have been warned!!!!!!!!!!!!!!!!!!!!!!

WARNING! WARNING! WARNING! WARNING! WARNING! WARNING! WARNING! WARNING!

Signed.

The Baron The West BBS, Sweden

---

The name BARON is mentioned in the virus archiv, in the SHI warning and in the several FILE-ID.DIZ files. The warning from the baron never appeared in Germany.

If SHI warns you, because of a single fail recognition, I could give you several wrong recognitions of SHI killers. I think it is just a unfair behavior against a person (Goerg), who has no netaccess and cannot defend himself.

## 1.175 Icon Trojan = Icondepth 1.3 trojan

Icon Trojan:

-----  
other possible names: IconDepth (1.3) trojan

Filelength: 2384 bytes (packed with PowerPacker 4.x)  
4188 bytes unpacked

Based on a third party information, the programm is in large parts comparable to the

SINFO  
trojan from the  
COP  
guys.

This is supposed to be a tool to decrease the planenumbers in Icons. This routine is buggy and or done by full knowledge of the destructive workings. Some bytes in a lot of files will be changed and cannot be repaired !

---

The code looks like a partly optimized assembler code, but code be done by a ordinary C compiler, too.

File ID Diz from the archiv:

```
-----  
  
IconDepth V1.3! If you are using  
MagicWB then this is what you need!  
50% faster when using WB!
```

The following directories will be affected from the trojan:

```
'sys:prefs/'  
'sys:devs/'  
'sys:l/'  
'sys:c/'  
'sys:libs/'
```

In this directories there are only a very few icons, so it looks even more suspicious.

The trojan prints the following text to keep the user friendly:

```
'Hold on while IconDepth V1.3 is converting your icons!'
```

Detection tested 27.04.1995.

Another virus appeared in this series. This time it appeared in an archive called "

```
TRSI-INS.lHA  
". Be sure that we don't have anything  
to do with it.
```

Another virus appeared from this series in the archive ORB-KC.DMS.

This virus will be called from another viruskiller: KidCurry (probably based on the diskname).

This virus is located this time in the file hd\_install.exe.

```
Filelength packed with PP4.0: 2756 bytes  
" "      unpacked      : 8052 bytes
```

It modifies exactly the same bytes in the file and does not seem to be coded in asm. I suppose it is coded in a new version of AMIGA-E !

## 1.176 Creator 1.0 and 1.1 trojans

---

Creator V1.0 and V1.1 trojans:  
-----

Spreaded in Germany around 10.4.1995.

The archives only contain a renamed and very old format command and a little script, which executes this command. The script is only 40 bytes long and contains only this texts and nothing more.

Here the short document for both of the files: (Version 1.1 is spreaded only as update of this!!!)

-----  
THE cCREATOR V1.0 © 04-10-95  
-----

What Is This Crap? -----

Well, with "cCREATOR" you're able to choose your own ms (mili seconds) for your harddisk. Normally it depends on which harddisk/cpu you've got into your amiga computer! But this fantastic program shall take it all over by itself (after 1 year hard coding)...

How To Get Started? -----

Just copy the file cCREATOR.DAT to your S: directory on your harddisk! Than copy the file cCREATOR.SCR to your C: directory on your harddisk! Now type from SHELL or CLI "EXECUTE C:cCREATOR.SCR" !!! Than you'll be prompted to start the program when you like by hitting RETURN. After hitting RETURN the program shall write and test some info on your harddisk and cpu !!!

The Good Results: -----

Well, I've tested it by a lot of friends and they were all very happy with this litte but powerful program !!! I hope you like it and don't forget to spread it as much as you can. It's all free ware...

Signed: CREATOR 1995  
-----

Detection tested 29.4.1995.

## 1.177 CChack2 /X Trojan

CCHack2.exe AmiExpress trojan:  
-----

---



## 1.179 Dynamix

Dynamix Bootblockvirus:  
-----

This is only a little clone from the Pentagon~Virus~Slayer~.  
The visible texts got changed. Better play with your joystick instead  
of this bullshit.

```
'The DYNAMIX VIRUS KILLER V4.0 [/] by DYNAMIX 1991 !'
'No greetings, no regards to anyone!      '
'Z2Virus oder alter Antivirus ist auf der Disk!!!'
'd<Entfern den Schreibschutz und drücke rechts'
'(PLINKS kontrolliert es (Oh nein!)          RECHTS: Löschen'
'DYNAMIX [/] in 1991! Terrorists are every where!!!!!!!!!!!!'
```

## 1.180 Biomechanic

Background for this trojan:  
-----

Warning ! The file TRSi-INS.lha is no TRSi release and contains a fucking trojan ! In the middle of the 10.6.1995. one of our members (NIKE/TRSi) got a call on the BBS from a guy called GRYZOR, who is supposed to be the leader of Circle of Power (COP), and this guy said to NIKE that TRSi is lame and such things. Later he uploaded there a file called TRSi-INS.lha to this board and NIKE wondered a little bit and contacted me and the other TRSi guys. So this virus is now (10.6.1995. 18:30 o'clock) about 6 hours old. Let us stop this bastard and finally get a solution for the COP problem (hi Apollo and Noise Belch).

Biomechanic Trojan  
-----

other possible names: TRSI-INS Trojan, TRSI-MEM Trojan, bio-warn.lha  
Type: Destruction only  
Destruction caused by: simple bytemodification

This are no TRSi releases ! It is just a fake !

In the File-ID it is stated that this are some hd installers for actual games. In real this is just a trojan, which will manipulate your files on your HD.

The contents of the archive TRSI-INS.lha:

---



The virus is looking for a special enviroment (a special bit combination) and then manipulates the files:

Here a original PGP signed message:

```
0000: 89009502 05002FCF 1B5220F5 BA1075CB ...../Ï.R ø°.uË
0010: 69450101 C11D03FF 7ED659E1 39C4AD2C iE..Á...~ÖYá9Ä,
0020: CED29280 21FCEB79 5CF3B9A0 AADB5C14 ÎÒ..!üëÿ\ó$^1$~^aÛ\
0030: D2B35295 5FFBE735 4E8070E1 A8C2C909 Ò$^3$R._ûç5N.pá"ÂÉ. -> 0040:
2235ABB5 BE37E843 79CCD140 7AA2ACA5 "5<$\mathrm{\mu}$%7èCyÏÑ@zç\ensuremath{\ \leftarrow
\not}$\yen$
```

Here the manipulated one:

```
0000: 89009502 05002FCF 1B5220F5 BA1075CB ...../Ï.R ø°.uË
0010: 69450101 C11D03FF 7ED659E1 39C4AD2C iE..Á...~ÖYá9Ä,
0020: CED29280 21FCEB79 5CF3B9A0 AADB5C14 ÎÒ..!üëÿ\ó$^1$~^aÛ\
0030: D2B35295 5FFBE735 4E8070E1 A8C2C909 Ò$^3$R._ûç5N.pá"ÂÉ. -> 0040:
2235ABB5 BE37E843 79CC0002 B37800A5 "5<$\mathrm{\mu}$%7èCyÏ..$^3$x.$\yen$
```

If you start the virus (it is in all the above listed files), a little text will show up:

- b i o m e c h a n i c -

and the work begins. If the work is completed, the following text will be printed out, too:

... trashed your hd ...

and a directory named "biomechanic trashed your hd !!" will be created, which is empty.

The file TRSI-mem.lha with the trojan members.exe is a little bit different:

1. It will be printed

"hi to markus schmall! catch me, if you can ! c.o.p sucks !

biomechanic trashed your hd"

The code looks quite good. This is not the work of a real beginner. The guy behind has some programming knowledge. This way of programming is better than from the COP viruses. The programm uses indirect addressing and a lot of stackusage, which cannot be done by a beginner (atleast I think so).

The code itself is WB startable (different to COP viruses I think) and was probably not coded using a C compiler like the old COP trojans.

All files have the same recognition longwords, because only the end of the files changes, the creator of it possibly only "incbind" some more files to get different filelength.







The fileghost virus contains no destructive routine. As on every type of this type of virus, it is possible that programmes, which need a 100% correct hunkstructure (e.g. some packers) will get problems and will not work.

The infection routine is a very lame modified version of the Fileghost2 routine. Probably the work of a beginner. A lot of files become 0 bytes long based on a heavy bug.

I recieved several infected files, but could not spread them. The machine always crashed. This was tested on A500+ and A4000. I can't find a big bug in the loadseg infection routine, but I am not sure. The repairroutine is tested with 5 files and should work properly.

New texts for the windowtitles:

```
-----  
'AUA! schlag nicht so auf die Tasten!'  
'FileGhost3 - the nightmare continues!'  
'Hallo DEPP!'  
'Was machst Du denn als nächstes ?'  
'Weißt Du eigentlich, daß Du dumm bist ?'  
'Und schon wieder eine Datei weniger!'  
'Gib mir mal `n Bier!'  
'Tötet alle Nazis + RAPER!'  
'AMIGA kills PC! (HEHE)'  
'INTeL Outside !'
```

Detection tested 15.06.1995.

## 1.182 Aibon\_Installer\_ACP-CTRL

Aibon Installer:

```
-----  
other possible name: ACP-CTRL  
MC68040: yes  
Kickstart 3.1: yes  
Filelength: 56016 bytes unpacked
```

This is just another installer for the aibon virus. The aibon virus itself is a destructive only virus (please refer to the aibon chapter in this documentation). This is the installer and the especiality is, that it starts the destructive work after writing the aibon file.

Detection tested 16.06.1995.

Visible texts from the file:

```
'Nuv2.20'  
'$VER: Version v2.20 (Jul 17 1992, 14:13:'
```

```
'54)'  
'Jul 17 1992'  
' ,_Nuzmwriteport'  
'console.device'
```

...

### 1.183 Blieb6.exe /X Trojan

Blieb6.exe /X Trojan:  
-----

Filelength: 7612 bytes unpacked

This is a quite old AmiExpress BBS trojan, which searches in a very primitiv way for the config file from the AmiExpress system and tries to manipulate it to give users a better access.

It will be searched on dh1 and dh0.

Detection tested 17.06.1995.

### 1.184 Karacic (GVP-HS15.lha) Trojan

Karaçiç Trojan Virus:  
-----

Filelength packed: 1460 Bytes (Rob Northern !!!)  
1924 Bytes (unpacked)

Other possible names: GVP-HS15 Trojan

Works only with Kickstart 3.0 and ahead (V39 funtions will be used).

Some other suspicious fact is, that the programm was packed using the Rob Northern cruncher, also called Propack. The file was afterwards modified a little bit, so that no existing depacker can unpack it.

This trojan is programmed quite simple. The needed libraries will be opened and it will we checked for the old SnoopDos task.

Then the file "s:nothere" will be tested. If it exists, no damage will be caused.

Then a TimeDisplayAlert (timer some seconds) will pop up and show you:

LMB> Kill system RMB>Reboot

---

The code analyzer behind is programmed like this:

- 1.If the user gave no input in the 5 seconds and/or presses the right mousebutton, the system will be trashed using some basic format and delete routines.
- 2.If the user presses the left mousebutton, then a ColdReboot will be performed.

SO DON'T START THIS AND IF SUCH A REQUESTER APPEARS, THEN RESET YOUR AMIGA BY HAND !

The routine to show the Alert is a Kickstart V39 function. It will be not tested, if the used system is really V39 or higher.

FileID of this archive (GVP-HS15.lha):

```
HardDiskSpeeder v1.5 ©GVP Inc. 1995  
(a little cache program for HDs!)
```

...

If you start the programm, it will show you the following text:

```
'HardDiskSpeeder v1.5 installed ...'
```

If you start it using a "?", then the following text will show up:

```
'HardDiskSpeeder v1.5 by GVP Inc. ©1995'
```

The trojan tries to destroy the following directories and devices:

```
dh0-dh4, hd0-hd4, l:, libs:, devs:, s: and c:
```

The formatted new devices will have the name:

```
'"Karaçiç Virus strikes back"'
```

Detection tested 21.06.1995.

## 1.185 Scansystem.lha Trojan

---

Scansystem Trojan:

-----

other possible names: none  
Filelength: 10720 bytes (unpacked)  
Found in : scansystem.lha  
Found : Jun'95

This is another typical trojan. It pretends to be a system optimizer, which should enable a MMU emulation (pure bullshit).

Here the FILE\_ID.DIZ:

```
A Fast Optimizer For 68020-68030 Motorola
System +7% Faster ! Patch System Routines
and allow you to create a MMU Simulation!
Speed For ALL! Optimize your system !
This Famous Tool has been written in ASM
by CheckIn of NewIntelligent Tools Prod!
```

If you start it, it will open a window with the name:

```
'CON:0/0/1280/1280/ SystemScan v0.6 by CheckIn ! in 1995'
```

Afterwards some messages appear and the directories "sys:libs", "sys:devs", "sys:c", "sys:s" and "sys:L" will be investigated. The programm pretends just to scan the files, in reality, all deletable files will be deleted. If the programm fails to delete a file, it will give you a "FAILED..." How nice.

As "replacement" the programm writes a file called "SYS:FUCK!" on the disc, which probably should make it impossible to recover the files. If this file already exists, the programm will exit with the comment:

```
' System Already Scaned !'
```

Other messages, which appear during the scan, are e.g.:

```
' Scan Integrity of the System ! Please Wait ...'
```

The code was probably done using a highlevel compiler and not normal asm-code (I hate to disassemble compilercode).

Detection tested 30.06.1995.

## 1.186 VCKey110.lha Trojan - Makekey

VCKey 1.10 Trojan:

-----

other possible names: none

---

Kickstart: V37 and higher  
Filelength: 9088 bytes (partly packed)  
found in/when: VkKey110.lha/Jul95

This is said to be a cracked keyfile creator for the wellknown Virus-Checker antivirusprogramm.

The FILE ID looks like this:

```
"  
MakeKey v1.10 Keyfilemaker  
for Virus Checker Cracked.  
----- ( EAGLE's NEST! )-----  
"
```

In reality this file contains a nasty trojan, which tries to format your SYS: device (DOS1 bootcode) and give it the new name "Snupp!". If I can read my autodocs correct, only a quickformat will be done. Try to use DiskSalv to recover the data on your sys: device.

In the unpacked code you can read:

```
"WiREFACE / dEMONS oF THE pENTAGRAM * WHIPPED YOUR HD, SUKKAH !! We Look "  
"Down Your Nose (Laughter)!"
```

The dangerous code was linked using the 4eb9 linking method on the normal makekey programm from the actual VirusChecker distribution. The dangerous code is packed with powerpacker 4.0 (5848 bytes long). This was probably done to shorten the whole file and to crypt the visible texts. The unpacked viruscode is 7588 bytes long.

(Do you really think that such a lame protection can stop a good antivirus-researcher from doing its job ????)

VT 2.74 and VW 5.2 atleast recognize a \$4eb9 linker in the file. Another viruskiller, which claims to recognize 4eb9 files, does not detect it.

There is a little document in this archive called MakeKey.readme:

-----

```
"  
MakeKey v1.00 cracked... presenting MakeKey v1.10 :)
```

This is a specially written program to allow users who have registered to make a keyfile from the information they recieve.

```
*** But now you can enter any serial numbers you want ! ***  
~~~~~
```

It can be run from SHELL or WORKBENCH and opens a GUI.  
It requires WB2.04 or better to run. Enter the data into the gadgets and click on MakeKey and the keyfile will be generated.

"

## 1.187 SlinkV10 - Scanlink trojan - Wireface Typ B

Scanlink 1.0 Trojan:  
-----

other possible names: Wireface Typ B  
Code equalities: VCKey110.lha trojan  
Kickstart: V37 and higher  
Filelength: 8040 bytes (partly packed)  
found in/when: slinkv10.lha/11.7.95

This is said to be a new kind of linkvirus/filevirus detector written by a wellknown antivirus organisation.

The FILE ID looks like this:

```
~~~|~~~~~  
    ScanLink v1.0 - Latest hack in the war  
    against viruses! This one can detect  
    linkviruses yet unknown using new antivir  
    technology. Latest from S.H.I  
    |  
~~~|~~~~~
```

In reality this file contains a nasty trojan, which tries to format your SYS: device (DOS1 bootcode) and give it the new name "Snupp!". If I can read my autodocs correct, only a quickformat will be done. Try to use Disksalv to recover the data on your sys: device.

In the unpacked code you can read:

```
"WiREFACE / dEMONS oF THE pENTAGRAM * WHIPPED YOUR HD, SUKKAH !! We Look "  
"Down Your Nose (Laughter)!"
```

The dangerous code was linked using the 4eb9 linking method. The dangerous code is packed with powerpacker 4.0 (5940 bytes long). This was probably done to shorten the whole file and to crypt the visible texts. The unpacked viruscode is 7732 bytes long.

(Do you really think that such a lame protection can stop a good antivirus-researcher from doing its job ????)

VT 2.74 and VW 5.3 atleast recognize a \$4eb9 linker in the file. Another viruskiller, which claims to recognize 4eb9 files, does not detect it.

There is a little document in this archive called Scanlink/scanlink.doc:  
-----

---



"

Scanlink v1.0  
~~~~~

- This is a small and simple program that will scan all your devices for linkviruses.

Well I can do that with any other virus program you say?

- Well what's so special about this is that the 'DOP' link virus / logical bomb is hardcoded into this proggy to also detect yet unknown versions of the virus which can't be placed for example in virus.library. If it finds an altered virus it will create LIBS:link.library and store it there for future use.
- This is FREEWARE, it will be implemented in future releases of virus killers from SHI, thus being SHAREWARE

The best to you all and happy hacking...

~~~~~

S H I

Erik Lovendal Sorensen

Mon Jul 10 09:23:45 1995

~~~~~

"

The file appeared on the fast german boards at the evening of 11.7.1995. !

Detection tested 22.07.1995.

## 1.188 WireFace Typ C Trojan

WireFace Type C Virus:

-----

found in lzxl20t.lha (trojan in lz\_x\_1.20t.lha 83660 bytes long)  
and in hdtb409.lha (trojan in hdttoolsbox2 106508 bytes long)

Comment: 25.07.1995: Another WireFace Typ C trojan was found in vchck660.lzx with the mainfile containing 52400 bytes.

This trojan seems to be based on the (at this time) old Virus

---

Checker 6.56 release.

Found when: night from 21.07. to 22.07. 1995 on a european mailbox  
See also at: VCKey110.lha and SLINKV10.lha

Both files were created using the 4eb9 linking method and are highly dangerous ! The linked file is 1880 bytes powerpacked and 2876 bytes unpacked long and contains a formatroutine for several drives and assign just like the COP trojans. It will be done via a Dos COmmand and not via the systemcommand.

The code was enhanced in comparision to the last version and it was probably rewritten.

The files contain a lot of text at the end of the hunk and even some kind of nickname for me well be used. You surely know the famous Cornflakes from KELLOGS ? Some guys in the past from my school always called me Cornflake and now this "%/&%" viruscoder tells me this way.

The viruscode was partly optimized since the last versions of this virus but in general the fucking formatroutine stays.

At the end of the virus you can read:

```
'dos.library'  
'BBS'  
'BBS:'  
'CHOKE'  
'CHOKE:DOPIsGOD%ld'  
'ALFONS ÅBERG VIRUS v2.0 Beta by WIREFACE / DEMONS OF THE PENTAGRAM, "  
"dedicated to (Corn)Flake/TRSI'  
'CHOKE:GODisEViL'  
'DH0'  
'DH0:'  
'dOP'  
'dOP:aNuS%ld'  
'dOP:hihihi'  
'DH1'  
'DH1:'  
'dEMONS'  
'dEMONS:pENiS%ld'  
'DH2'  
'DH2:'  
'pENTAGRAM'  
'pENTAGRAM:rEVENGE!'  
'DH3'  
'DH3:'  
'WiRELESS'  
'WiRELESS:hELL%ld'  
'WiRELESS:!hATE!'  
'You''ve been hit by (boom) (boom), you''ve b'  
'een hit by (boom) a smooth criminal (Alfons '  
'that is, tihi)! - Good luck restoring your l'  
'ousy hD - WE HATE YOU ALL! HA HA HA HA HA !!'  
'! (echo) ha ha ha'
```

The file id of the hdttoolsbox looks like this:

```
hdttoolbox 40.9 (9.7.95)
```

The file id of the lzx120t fake looks like this:

```
+-----+
|           Lzx v1.20 TURBO Version           |
+-----+
          12% Faster Testing
          10% Faster Adding!
          3% Faster Packing (-lh5-)
+-----+
|   © 1995 Data Compression Technologies   |
+-----+
```

It is really surprising. At first SHI (slinkv10) and VirusChecker(vckey110) got attacked by this crazy guys and now I seem to be the destination of this person? . I don't know, why...

Detection tested 22.07.1995.

## 1.189 AmosAGA

AmosAGA Trojan:

-----

```
Filelength 74492 Bytes (AGA-Install.exe unpacked)
Found in/archiv/when: Denmark/amosaga.lha/30.7.1995
other possible names: NONE
```

This is just a little nasty trojan with the following  
FILE ID:

```
"Beta Version a Ny aga ext... til AMOS"
```

It is just a little deleter for all files on the sys device.  
Nothing tricky at all. Probably this virus was coded in  
AMOS, since it contains code to load the AMOS.Library .

It was uploaded to the dansk AMOS user group as beta version  
of a new tool by a guy called John O. Jørgensen. This is the  
name, which appears in the virus, too.

There are two other files supplied in the package:

1. a readme.txt file:

```
***** Welcome to the Beta Release of the Amos_Pro AGA extension
```

v1.0b \*\*\*\*\* By John O. Jørgensen.  
\*\*\*\*\*

Just execute the installer program and press install.... The installer program is completely automatic...

Please do not spread this to anybody... This is a Beta version...

Sign. John O. Jørgensen.

2. A file called AGA-DATA.DATA. This is a pure LHA file and nothing special at all.

Detection tested 01.08.1995.

## 1.190 B.E.O.L. linkvirus

Mount-972 Linkvirus:  
-----

Kickstart: 2.04 and higher (V37+)  
Patched vectors: several vectors in the device basis (quite tricky)  
Length: 972 bytes  
Processors: MC68000-MC68040 (68060 not tested)  
Discovered: Jul '95  
Linking method: Infiltrator  
Other possible names: B.E.O.L. virus

This is one of the most complicated viruses on AMIGA, which I have ever seen. It's coded very well and at many constructs even a very professional resourcing system from a friend has problems with this nasty virus. It is crypted using a "normal" logical (exclusive or) routine, only the cryptword changes (depending on \$dff006). The virus itself searches from the start of the file on for a "\$4eae" to replace it with a pc relative jsr (-> as a result the first hunk can have only wordsize) and links its code at the end of the first hunk. The linking method doesn't contain any other tricks, a simple hunk-copying is enough to remove it from the infected file (+ rewriting the original longword).

The virus checks for Kickstart V37+ and does not start, if the check wasn't successful. If the check was successful, then the Caches will be cleared.

The virus detects its existence in memory by testing the lastalert entry in the execbase. If -\$17 is the number of the lastalert, then it will not activate.

The virus allocates 972 bytes chipmemory to secure, that it will be

---

not overwritten.

This virus uses a lot of special commands, which are a little bit crazy and probably should irritate the resource-programms. I could not resource some parts of the virus 100%, but the VirusWorkshop recognition routine for the memory will disable all the spreading functions. The virus uses some specialities of the commands and sometimes fills up a normal 00 bytes with a crap value, so that some resourceprogramms have problems. Asm-One 1.28 beta was able to resource it in most parts.

The patches from the virus will be done very clever and I must admit that I have only once seen a comparable routine so far on AMIGA.

If you start a normal vectorchecker, no modification is visible. The name of the virus is based on the lengthincrease and because a text saying "c/mount".

The virus seems to be not resetproof. If an internal counter (byte) reaches the value 0 (by lsl.b #2), then a file called README will be written to the actual device. The file is 1152 bytes long and a text can be read:

```
©+© B.E.O.L. 1995! Don't be angry!!
©+© B.E.O.L. 1995! Don't be angry!!
```

(This lines will be repeated several times)

Detection tested 01.08.1995.

Comment Oct/95: The Virus Test Center of the university in Hamburg made a very good analysis of this little bastard. Soon to appear in well selected newsgroups and CMBase...

## 1.191 Flake013.txt

The flakexx.txt files are simple copies from my warnings in the AMIGANET. I release there a warning and Jan Andersen, member of Virus Help DK, put this warning in a file with increasing number (the xx) and spreads it on skandinavian boards.

Jan Andersen released a flake013 text but not THIS text. I will show you some differences to my text:

```
_____
\___ \ensuremath{\lnot}\___ \ensuremath{\lnot}\ \ensuremath{\lnot} ←
  }\/^ __\ensuremath{\lnot}\___ \ensuremath{\lnot}\ \ ___\ ←
  ensuremath{\lnot}\___ \ensuremath{\lnot}\
  / / _/ _/ /___^-\/\ / / /_ / _/ _/\
```



Linked file packed with: PP4.0

This is just another trojan out of the BIOMECHANIC series. It tries to manipulate several data on the main device, but failes at my system. Nothing special to be said about this virus. Simple destructive via normal DOS access and nothing tricky in it.

When you start the file, the following text will appear on the screen:

```
'           The forces of terror.'
'           Biomechanic and C.O.P world tour 95.'
'       Just writing over some files is not so cool. Improve the code!'
'           Message to C.O.P! Cool work, but make more cooler trojans.'
'           Lean back and listen to the soun'd of a writing HD.'
'           Biomechanic did it again with a new smarter trojan!'
```

As said the ordinary 4eb9 linker is used again. If you find such a file, then be very carefull ! VirusWorkshop is able to recognize a lot of different 4eb9 types.

Here the faked FILE\_ID.DIZ:

```
LZX V1.20 bugfixed by Blackhawk.
680020 Registred version only.
```

This trojan comes with a readme file, with some faked text:

```
-----

Hi dudez! Here's a bugfixed verion of LZX, the best archiver avalaible
today. The version is 1.20 and it's also registrated. I hope that my
little update won't cause more bugs, than it had before! :) But anyway,
I've tested it and it worked just fine for me!
```

```
Please not that this is not a original release from the authors. It just
had a annoying bug which I wanted to fix, and so I did.
```

```
signing of: BlackHawk.
```

Detection tested 4.8.1995.

## 1.193 Comkil16

Comkill1.6 trojan (WireFire)

```
-----

Filelength: 4606 bytes
Linking type: 4eb9
```

This is said to be a new release of the Commander viruskiller Comkill by SHI. In reality this is somekind of BBS hacker for the wellknown AMiExpress mailbox system. It will be tried to copy the user.data to the download

---





```
+-----\P r e s e n t s -----+
Sensible Golf HD Installer!.....
```

Readable texts in the coded file:

```
'
' The Joker Fucked Yar Harddisk!'
'
' dh0:c/delete dh0:libs/'
' dh0:c/delete dh0:wbstartup/'
' dh0:c/delete dh0:locale/'
' dh0:c/delete dh0:prefs/'
' dh0:c/delete dh0:devs/'
' dh0:c/delete dh0:s/'
' sys:c/mapus'
' sys:c/loadwb'
' sys:c/lock'
' sys:c/edit'
' sys:c/ed'
' sys:c/Diskdoctor'
' sys:c/ConfigOpus'
' sys:c/amigaguide'
' sys:c/assign'
```

Detection tested 5.8.1995.

Condom 1.5 Trojan:

-----

Length: 2948 party packed  
other possible name: DaJoker trojan

Exactly the same damage routine as in the Sensible Golf installer.

## 1.195 LSD-AEC1

LSD-AEC1 Trojan:

-----

other possible names: WireFace Typ E  
destructive: yes  
destruction on: SYS:, DH0:, DH1:, BBS:

All non protected files will be set to a filelength with 0 bytes.  
Nothing special, EXCEPT the way the trojan is implemented in the  
AeCrack file. First the file is packed and 4eb9 linked. Then  
the whole procedure again.

This can't stop a good programmer.

File\_ID.DIZ:

```
____/\_____ _ _/\_____/\_____
_____ /_ _ _ _____ \
```



Fish/LSD

.....

A new textfile will be written to disc under the name --WiREFACE!--:

```
WiREFACE / dEMONS oF THE PENTAGRAM presents... (tadaa)
'KLIA MiG PÅ NUPPEN' TROJAN (SUPER BETA RELEASE(BETA BETA CODE))
A NEW GENERATION OF LOGiCAL BOMBS HAS ARRIVED TO YOUR LOCAL BBS
Vi ska till fajmoj o fajfaj o bada imorrn! Du er inte klok.
Tenker du skriva allt vi sege nu? Skiva. L0jligt. Smock(puss)
mmh.. Naeeeeeehhehehe chrrh sfhhh.. eeh skriv det her da:
Fan va tOntig du er Andreas som haller pa o skriva saher (fisa)
det var skOnt.. nehehe aj.. naeee!
```

Detection tested 4.8.1995.

## 1.196 Illegal Access Linkvirus

```
Entry.....: Illegal Access
Alias(es).....: -
VirusStrain.....: -
Virus detected when.: 7/1995
                    where.: USA
Classification.....: Link virus, memory-resident,
                    reset-resident Length of Virus.....:
                    1. Length on storage medium: ca.4000 Bytes
                    2. Length in RAM:                4514 Bytes

----- Preconditions -----

Operating System(s) .: AMIGA-DOS Version/Release.....: 2.04 and above (V37+)
                    (for infection: V39+)
Computer model(s)...: all models/processors (MC68000-MC68060)

----- Attributes -----

Easy Identification.: None

Type of infection...: Self-identification method in files:
                    - Searches for $2c780004 in the first Hunk at first
                      position (normal file infection)

                    Self-identification method in memory:
                    - Checks for exception vector 3 (Illegal Opcode)
                      and for $4afc in the OpenLibrary() funtion

                    System infection:
```

- RAM resident, infects the processor exception vector, modifies 19 different functions, CoolCapture, ColdCapture and post mortem resident handler

Infection preconditions:

- File to be infected is bigger than 1800 bytes
- First hunk isn't about 4000 bytes long and does not contain 0x2c780004 at first long in it (for normal file infections)
- The file is not already infected
- HUNK\_HEADER and HUNK\_CODE are found
- HUNK\_HEADER structure is valid
- The longword 2-4 of the filename in the info-structure multiplied in this way:  
m3\*m2, m1\*m3 (longword orientated, 68020++ command) must be less than 0x320000. Otherwise it's asked, if the filelength is smaller than 0x32000 (=200kb)

Infection Trigger...: Accessing the volume  
Storage media affected: all DOS-devices

Interrupts hooked...: The virus infects the processor exception 3 vector (Illegal Opcode)

Damage.....: Permanent damage:  
- None  
Transient damage:  
- none  
Damage Trigger.....: Permanent damage:  
- None  
Transient damage:  
- None

Particularities.....: The crypt/decrypt routines are aware of processor caches and clears them if necessary. This routines are polymorphic and use several tricks like symmetric decoding with memory usage to make it a little bit more difficult. Some of the routines are equal to routines in the B.E.O.L. virus. The way of creating a new process ("keyboard.device") using the stack is in my eyes comparable. The linking method searches for special filetypes (e.g. libraries and devices) and infects them in a different way. This files will get an additional entry in their HUNK\_RELOC32 table containing the original pointer to Library Init(). This library structure makes it impossible to use a kind of intelligent searchcode for the virus. "Brute force" code is needed to search for the resident structure.

Similarities.....: Link-method in library structured file is like the one of infiltrator-virus (but optimized).  
Link-method in normal executable files is the IRQ typ (just another hunk)

---

Stealth.....: The viruses uses normal dos commands (no tunneling via packets) and normal DOS call watchers like SnoopDos can proof the infection behavior. The virus restores both, fileprotect flags (including the user id !) and the filedate, so that except of the filelength, no difference can be seen. The exception handler uses a special stealth technique to differ between a normal exception and a self called. It checks up for "4AFC" and , if found, it changes it to "4EF9", so nobody will be able to find the real problem behind.

During daily work, the virus does not change in any way the resetvectors from Exec. If a reset is performed, it will shortly init the Coolcapture and ColdCaptures to get resident. At the start of the new system (test for "dos.library") all new initialized coolcapture and coldcaptures will be removed again (-> post mortem handling)

Armouring.....: The virus uses several armouring techniques to confuse people while debugging this virus:

1. The virus uses double encryption with an polymorphic engine
2. The virus is self-modifying in several bytes (e.g. \$4e71->\$4e75)
3. The virus excessively uses the stack for unusual operations like:
  - creating processes
  - decrypting
  - jumps
  - pointer-replacement
  - saving structures
4. The virus refuses to run in test-suites and checks if it is running under normal conditions (system-files present)
5. Data-Reuse - the Virus uses several bytes from within code with a completely other meaning, wich makes labeling impossible (Using data from a code area)
6. Access to non equal code blocks as basis offset for further work

----- Agents -----

Countermeasures.....: VW5.7 , VZIII1.24  
VT 2.77 and VC 7.18 (not libraries)  
Countermeasuressuccessful: All of the above  
Standard means.....: -

----- Acknowledgement -----

Location.....: Hannover, Germany 30.8.1995.  
Classification by...: Markus Schmall, Georg Hoermann, Heiner Schneegold

---

and Soenke Freitag (VTC)  
Documentation by....: Markus Schmall  
Date.....: August,30. 1995  
Information Source..: Reverse engineering of original virus

===== End of Illegal Access Virus =====

Comment 12.09.1995: A bug in my library detection code popped up with files containing only one hunk. Fixed right now. Sorry. Detected by Remko Wiersma.

Comment 15.10.1995: A bug in my autoinit library detection popped up and so I had to refix it again.

## 1.197 WireFace Typ G Trojan

WireFace Trojan Typ G:

-----

Found in : chkmount.lha  
Type : destructive trojan  
Protection : \*Art  
Filesize : 4672 Bytes (partly packed)

This is another trojan from the WireFace series. This trojan looks in parts like Biomechanic trojans, some byterow comparecode are for sure copied. I haven't test up to the end, but the code looks like a comparable code as in the icond biomechanic stuff.

If you start it and a destruction is not possible (devices not found) a text will be printed on screen saying several times:

nugget@dataphone.se

It has some visible texts at the end of the virus. The virus itself is protected and then afterwards packed with StoneCracker 4.04. The final filesize is 5868 bytes.

The following devices are tried to be accessed and the first 39 sectors are going to be overwritten:

```
'scsi.device'  
'icddisk.device'  
'oktagon.device'  
'SoftSCSI_OktagonC9X.device'
```

Other visible texts are:

```
'(TrojanName: iLSKNA ANDREAS v1.1) WIREFACE / DEMONS OF THE "  
" pENTAGRAM strikes again with another stunning release (trojan) "  
" hahaha. Send postcards, money, bugreports or COMPLAINTS'  
'to me at this email adress: nugget@dataphone.se. CU in another  
"relase!'
```

'nugget@dataphone.se' (This is the printed text)

The programm looks like created with an old compiler. Some special 1.x programming technics are used, which won't be used nowadays normally anymore.

VirusWorkshop and VT will give you the warning, that a \$3e8 hunk is in the file. This is the protection from the trojan. Simple, but effective.

Something more to wonder about: I have downloaded this file from SOS at 8.8.1995. and I have only used the name MOUNT-972 in one warning in AMiganet and the german Z-net, so the viruscoder must read it, too.

The trojan is supplied with a little documentation:

Mount-972 Virus Checker  
-----

by Robert Wolvestein (ao@dataphone.se)

This small checker finds and eliminates the Mount-972 virus that recently popped up! The virus must have been spread via Aminet or thru BBS's coz it is EVERYWHERE, almost 40% of my 'scene-friends' had it in some way or another.

Regards Robert.

(ED: A cool fake, better play with your joystick)

Detection tested 9.8.1995.

## 1.198 CONMAN1995-Linkvirus

ConMan 1995 Linkvirus:  
-----

Other possible names: M-Hac Virus, Bloody Virus  
Detected in: M-hac.lha and Bloody.EXE  
Detected when: August 1995/Germany SOS  
Linking method: 4eb9 (!!!!)  
Resident: NO  
Length: 1836 bytes

This is a new type of linkvirus. There are 2 installers known yet. It simply creates a new process with the known CONMAN code, but now with different names.

---

Possible names are:

```
C:DIR
ramlib
Background_Process
RAm
L:FastFileSystem
LIBS: gadtools.library
Workbench
DF0
addbuffers
CON
LIB:req.library
CLI(0): no command loaded
CLI(1): no command loaded
```

Please note that several of this takss can appear in normal systems, too.

The speciality of this virus is, that it uses a intern 4eb9 linker to link to files. Quite tricky. Viruskillers like VT, VZ\_II and VW should so be able to detect the infected files.

The linking routine knows the following hunksymbols: \$3f2,\$3f3,\$3ec and \$3eb. The code is a little bit dangerous, but I will implement in VirusWorkshop a complete reverse analyzed routine, so it should be no problem to repair even not working infected files.

The virus adds 4 hunks to the file and the linked code is partly packed. It is packed with StoneCracker 4.04ß and then afterwards manipulated.

The virus is not memory resident.

Some words about the installers:

```
m-hack.lha FILE_ID.DIZ
```

```
-----
| MASTER AMIEX ONLINE PW HACKER |
| PREVIOUS VERSION HAVE A BUG! |
-----
```

The programm hack (4388 bytes long) contains the trojan.

```
bloody.exe FILE_ID.DIZ:
```

```
NON DOS DISK READER >>>>-BEST!
```

The programm is including this ID 25560 bytes unpacked long.

## 1.199 Ebola

---



```
Entry.....: Ebola Virus
Alias(es).....: E1116 (to stay CAROconform)
Virus Strain.....: -
Virus detected when.: 9/1995
                    where.: Germany
Classification.....: Linkvirus,memory-resident, not reset-resident
Length of Virus.....: 1. Length on storage medium:    1116 Bytes
                    2. Length in RAM:                3300 Bytes

----- Preconditions -----

Operating System(s)::. AMIGA-DOS Version/Release.....: 2.04 and above (V37+)
Computer model(s)...: all models/processors (MC68000-MC68060)

----- Attributes -----

Easy Identification.: none

Type of infection...: Self-identification method in files:
                    - Searches for $ab1590ef at the end of the first Hunk.

                    Self-identification method in memory:
                    - Checks for $213f at offset -2 of the loadseg()
                      function

                    System infection:
                    - non RAM resident, infects the following functions:
                      Dos LoadSeg(), Exec FindTask() and Exec
OpenResource ()

                    Infection preconditions:
                    - File to be infected is bigger then 2500 bytes and
                      smaller then 130000 bytes
                    - First hunk contains a $4eaexxxx command in the 16
                      bit range to the end of the file (test for the first
                      entry)
                    - the file is not already infected (the at long of the
                      end of the hunk)
                    - HUNK_HEADER and HUNK_CODE are found

Infection Trigger...: Accessing files via LoadSeg()
Storage media affected: all DOS-devices

Interrupts hooked...: None

Damage.....: Permanent damage:
                    - None
                    Transient damage:
                    - none
Damage Trigger.....: Permanent damage:
                    - None
```

---



- redundant hunkdata

```
----- Preconditions -----
Operating System(s):: AMIGA-DOS Version/Release.....: 3.00 and above (V39+)
                    (Some functions are supposed
                    to work only on V40 ?)
Computer model(s)...: all models/processors (MC68000-MC68060)
----- Attributes -----
Easy Identification:: Filelength
Type of infection...: Overwriting all files in the destination directories
Infection Trigger...: none
                    Storage media affected: all DOS-devices
Interrupts hooked...: None
Damage.....: Permanent damage:
                    Overwriting files in ENV, SYS, LIBS, NCOMM and S
                    with a 75 bytes long text containing the following
                    information:
                    "=CIRCLE OF POWER= [ WE ARE BACK! THE RETURN "
                    "OF THE POWER PEOPLE! / GRYZOR ]"
Damage Trigger.....: Permanent damage:
                    - Start of programm
                    Transient damage:
                    - Start of programm
Particularities.....: The trojans uses the DosList to get access to
                    the various directories and then starts to
                    damage the information in this files. The code
                    uses some Kickstart 3.x functions and is so
                    not working on older systems. Some failure-
                    recognition routines were build in (in
                    comparison to older COP trojans).
                    Normal behavior blockers are able to stop
                    this trojans. No tunneling techniques are used
                    for this little bastard.
Similarities:        A lot of the routines are comparable to older
                    COP trojans found in various wide spread
                    utilities. Some codes are optimized, but still
                    the old style is recognizeable. This special
                    one contains nearly the same code as the
                    COP trojan found in PT4B.
```

---

```

Stealth.....: None

Armouring.....: Important parts are crypted using a logical
                loop, which is breakable by a normal code
                simulator.

----- Agents -----

Countermeasures.....: none Countermeasures successful: All of the above
Standard means.....: -

----- Acknowledgement -----

Location.....: Hannover, Germany 16.9.1995.
Classification by...: Markus Schmall and Heiner Schneegold
Documentation by....: Markus Schmall
Date.....: September,16. 1995
Information Source..: Reverse engineering of original trojan
Copyright.....: Markus Schmall
Special.....: No use of this analyse except VTC Uni Hamburg
                in their CMBase releases

===== End of Quarterback3 COP Trojan=====

```

## 1.201 Cryptic Essence Linkvirus

```

Entry.....: Cryptic Essence Alias(es).....: Evil Jesus #3
Virus Strain.....: -
Virus detected when.: 9/1995
                where.: Denmark Classification.....: Link virus,
memory-resident, not reset-resident
Length of Virus.....: 1. Length on storage          medium:    none
                    2. Length in RAM:             $97c bytes

----- Preconditions -----

Operating System(s)..: AMIGA-DOS Version/Release.....: 2.04 and above (V37+)
Computer model(s)...: all models/processors (MC68000-MC68060)

----- Attributes -----

Easy Identification.: None

Type of infection...: Self-identification method in files:
                    - None. Double infections are possible but mostly
                      result in dead samples. Tested on CVMODE as
                      testinfect file.

                    Self-identification method in memory:
                    - None

                    System infection:
                    - RAM resident, infects the DOS Write() function

```

## Infection preconditions:

- File to be infected is bigger than 9276 bytes
- First hunk is a normal code hunk without memory extension (=0x3e9)
- This hunk must be bigger than 9276 bytes
- First word in this hunk is not:
  - 0x4afc (ILLEGAL)
  - 0x4e75
  
- Second word in this hunk is not:
  - 0x4afc (ILLEGAL)
  - 0x4e75

Infection Trigger...: Accessing the volume (by writing)  
A normal COPY is not suitable, because COPY divides longer files in little chunks and at these chunks, the virus mostly cannot work correctly.  
Storage media affected: all DOS-devices

Interrupts hooked...: None

Damage...: Permanent damage:

- Changes data in files randomly. Not repairable

Transient damage:

- none

Damage Trigger...: Permanent damage:

- Counter reaches 0

Transient damage:

- None

Particularities...: The crypt routines are not aware of processor caches and have serious problems at some places. It can come to wrong decoding and such stuff. The linkmethod is new for the AMIGA computer series and is called on PC Cavity linkviruses. There is no modification to the relocations needed to repair the file from the virus.

In the virus there is found a comment to a well-known PC antivirus researcher and to an essay written by this guy, which was obviously used from the virus-programmer(s) as basis.

Similarities...: Cavity linkviruses on PC (such families have been e.g. seen in the Netherlands). Packroutine is stolen from the xpk distribution. The way of linking is completely new for the AMIGA at this time (9/95).

Stealth...: The virus uses normal DOS commands (no tunneling via packets) and normal DOS call watchers like SnoopDos can prove the infection behavior. The virus does not restore fileprotect flags and the filedate, so that

this can be a proofal for a possible infection. The filelength does not change. No new hunk will be added. Using the RCH technic the virus searches a place where to put it's own code and crunches the existing data at first. The can't be found based on a normal offset location search.

Armouring.....: The virus uses several armouring techniques to confuse people while debugging this virus:

1. The virus uses double encryption with an polymorphic engine (SPe)
2. The virus is flexible programmed and uses nearly no hardcoded values
3. Write() vector patch uses a polymorphism to cheat some not flexible av-software
4. Polymorphism at entry jump to irritate the av software

----- Agents -----

Countermeasures.....: VT 2.77, VW 5.6  
 Countermeasures successful: All of the above  
 Standard means.....: -

----- Acknowledgement -----

Location.....: Hannover, Germany 28.9.1995.  
 Classification by...: Markus Schmall, Georg Hoermann and Heiner Schneegold  
 Documentation by....: Markus Schmall  
 Date.....: September,28. 1995  
 Information Source..: Reverse engineering of original virus  
 Special.....: Some parts of this analyse have been shorted/cuttet not to show the public too much information about things like RCH and SPe.

===== End of Cryptic Essence Virus =====

It's surprising that the virus seems to be uploaded from the auhtor including FULL source at a dansk AV board. The author included even a little text:

-----BEGIN PGP SIGNED MESSAGE-----

--\* Cryptic Essence, © 1995 Evil Jesus (maximum false positive) \*--

Extra thanks for xxxxxxxx xxxxxxxx giving some valueable information how to reach maximum damage in essee 'xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx'.

It really inspired me to write C.E.!

- Generalized infection scheme, virus itself will not use any strings to avoid reinfecting same file. This should make it very hard to detect and also gives possibility to change visible decrypting code.
- Random damage, impossible to repair.
- Source code is easily modifable to use different packers and crypters.

If you are interested about that particular essee you can write to  
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx.

Sins unforgiven, Evil Jesus

-----BEGIN PGP SIGNATURE----- Version: 2.6ui (Amiga)

iQBFAgUBMFP6ho3j8jX6L7S9AQFwuQF/TruUbFYQ5LwSBok1SkqUp9R8tycB4m5y  
bgNZh5X0wVHU9ggx285ZUOdOcm+OeRGS =Mrqg -----END PGP SIGNATURE-----

I don't know, that the virusprogrammer wanted to do with it. The xxx's are only there to stay CARO conform and not to mention a special pc av freak, which will be mentioned inside the virus, too.

VIRUSWORKSHOP WILL ONLY RECOGNIZE THIS VIRUS ON 68020 AND HIGHER SYSTEMS,  
BASED ON THE CODEEMULATION, WHICH IS SENSELESS ON 68000 !

## 1.202 Swifter 2.5 Trojan - Laboratoy trojan ?

Swifter 2.5 Trojan:  
-----

Other possible names: Game-Trojan  
Filelength: 003.DAT (new Startup-Sequence) 73 bytes  
          002.DAT (SetKeyBoard) 1412 bytes  
          001.DAT (assign) 3220 bytes  
          000.DAT (new keymap) 1972  
Swifter 106496 (Imploder 4.0)  
          215448 (unpacked)

(IFF picture in swifter is  
215018 bytes long and NOT  
used)

This is just another lame trojan with no special stuff in it. It will be tried to delete the startup-sequence and then to install a new one, which should delete a lot of files. After the mainfile was started, a new Keymap will be activated, containing a lot of garbage and dangerous commands like a format command. The virus itself is 430 bytes long and after it a normal IFF picture with a not youth free slogan can be found. This picture will be not accessed and was probably put there to increase the length of the file.

The file was uploaded to a swedish bbs by an unknown user and this user contacted the sysop and said that he is sorry, but he uploaded by accident a new trojan from him to his box. Make your own point of view, I am a little bit irritated.

---

File ID of the upload:

SWiFTER. Ett spel jag har gjort. Asfränt!

Helt klart värt en DL. Läs längre beskrivning.

## 1.203 phantom

```
Entry.....: Phantom Linkvirus
Alias(es).....: Super-Nova
Virus Strain.....: -
Virus detected when.: 11/1995
                    where.: Germany
Classification.....: Link virus, memory-resident
Length of Virus.....: 1. Length on storage medium: ca.688 Bytes
                    2. Length in RAM:           688 Bytes

----- Preconditions -----

Operating System(s) .: AMIGA-DOS
Version/Release.....: 2.04 and above (V37+)
Computer model(s)...: all models/processors (MC68000-MC68060)

----- Attributes -----

Easy Identification.: None

Type of infection...: Self-identification method in files:
                    - Searches for $83ef19acin the first Hunk at last
                      position (normal file infection)

                    Self-identification method in memory:
                    - Checks for a longword in the LoadSeg routine
                      ($42a449fa)

                    System infection:
                    - RAM resident, infects the DOS Call LoadSeg()

                    Infection preconditions:
                    - File to be infected is bigger then 4000 bytes and smaller
                      than $2e630 bytes
                    - First hunk is a code hunk
                    - File is executable
                    - First hunk has no reloc linked behind
                    - First hunk ends not with $83ef19ac

Infection Trigger...: Accessing the volume via LoadSeg (patched)

Storage media affected: all DOS-devices
```

---



Interrupts hooked...: none

Damage.....: Permanent damage:  
- None  
Transient damage:  
- none

Damage Trigger.....: Permanent damage:  
- None  
Transient damage:  
- None

Particularities.....: The crypt/decrypt routines are aware of processor  
caches.

Similarities.....: Link-method in library structured file is like the one of  
the Commander virus (without bsr changes!)

Stealth.....: The viruses uses normal dos commands (no tunneling  
via packets) and normal DOS call watchers like SnoopDos  
can proof the infection behavior. The virus uses no  
stealth weapons. The only things is it's size. 688 bytes  
difference in files don't wake up the user so fast.

Armouring.....: The virus uses only 2 weapons:  
1. The virus uses a cryptroutine to hide it's code.  
2. The virusname is hidden in a block, which will be  
normally never accessed. Just decrease the values  
by 1 and you will see the text "let's go again...  
PHANTOM"

Comments.....: This file was sent to the dansk SHI leader from a german  
guy. It was send to him as a new viruskiller. This happened  
months (years?) ago and now (11/95) the virus appeared again ←  
.  
  
In reality this is just a modified old version of VMK with  
an installer linked before. The installer is timebased.  
  
(In the BX-News.Guide in the chapter Super-Nove you  
can find some more information, how the virus reached SHI).

----- Agents -----

Countermeasures.....: VW5.7, BootX 5.23B with Recog 2.25 (only the installer) ?  
Countermeasures successful: All of the above  
Standard means.....: -

----- Acknowledgement -----

Location.....: Hannover, Germany 05.11.1995.  
Classification by...: Markus Schmall  
Documentation by....: Markus Schmall

---

```

Date.....: October,05. 1995
Information Source...: Reverse engineering of original virus
Copyright.....: Markus Schmall, Virus Test Center Uni Hamburg has the
                 permission to use this analyse in their catalog. SHI
                 is not allowed to use this document in ANY way.
===== End of Phantom Virus =====

```

## 1.204 pb-party

PB-Party Trojan:

-----

Length: 161984 bytes unpacked

File\_ID:

```

+-----+
|          POLKA BROTHERS PRESENTS:          |
|   |
|          INVITASION INTRO TO PARTY V      |
+-----+

```

This is just a fake. In reality this file just overwrites the BBS>User.Data with the text:

```
'tHE rEAL hACKERS fUCKED yOU iN tHE bEHIND!'
```

The way of programming is not advanced. Better play a good game instead of producing such SHIT !

## 1.205 happy

```

Entry.....: H.N.Y.96. / H.N.Y 97
Alias(es).....: Happy_New_Year_96, Happy_New_Year_97
Known clones.....: Aram Doll
Virus detected when.: 11/1995
                 where.: Austria, Germany, Holland, Poland and USA
Classification.....: Link virus, memory-resident, not reset-resident
Length of Virus.....: 1. Length on storage medium: 540 Bytes
                   2. Length in RAM: 540 Bytes

```

Happy New Year97 uses Filepart() instead of LoadSeg infection and the static length 628 bytes. All other commands are 100% equal.

```
----- Preconditions -----
Operating System(s):: AMIGA-DOS
Version/Release.....: 2.04 and above (V37+)
Computer model(s)...: all models/processors (MC68000-MC68060)

----- Attributes -----

Easy Identification:: Text at the end of the first hunk: "Happy_New_Year_96"

Type of infection...: Self-identification method in files:
- Searches for $65772059 in the first Hunk.

Self-identification method in memory:
- Checks for $2f08 in the LoadSeg function

System infection:
- RAM resident, infects the LoadSeg() code of
  DOS library

Infection preconditions:
- device has more than 4 free sectors
- file is longer than $960 bytes and shorter than
  $1e460 bytes
- Hunk_Code is found in the area behind the HUNK_
  header (NO CHECK FOR RUNAWAYS!!!)
- The filename contains this not a "-" and does
  not contains ".l". This is probably to be secure
  no to infect a library.
- $4e75 is found at the end of the first CODEHUNK
  or $4e75 is in the last $3f words of this hunk.

Infection Trigger...: Accessing the volume

Storage media affected: all DOS-devices

Interrupts hooked...: LoadSeg() of DOS will be used for the infection code.
The routine is a little bit buggy and trashes the
al register.

Damage.....: Permanent damage:
- None
Transient damage:
- None

Damage Trigger.....: Permanent damage:
- None
Transient damage:
- None

Particularities.....: This virus uses no encryption routines to hide it's
code. The LoadSeg() patch isn't 100% clear and
trashes the adress register A1.
```

---

Similarities.....: Link-method is comparable to the Crime series. End of the first hunk will be the loc. for the virus and the last "RTS" will be replaced.

Stealth.....: no stealth abilities found

Armouring.....: The virus uses only some special adresscommands to confuse the AV people.

Installers.....: DemoManiac 2.19 fake (dop-dml.dms)  
DeTag0.63 (detag063.lha)

----- Agents -----

Countermeasures.....: VT 2.79, VW 5.8  
Countermeasures successful: all of the above  
Standard means.....: -

----- Acknowledgement -----

Location.....: (C) Markus Schmall, Hannover, Germany  
Classification by...: Markus Schmall  
Documentation by....: Markus Schmall  
Date.....: November,24. 1995  
Information Source..: Reverse engineering of original virus  
Copyright.....: Markus Schmall, the VTC Uni Hamburg is allowed to use this document in their libraries. SHI is forbidden to use this document in any form.  
===== End of H.N.Y.96. Virus =====

Notes about the known clones:

Aram Doll is a normal linkvirus with 560 byte length. It's not crypted and uses the LastAlert pointer of Execbase for the selfrecognition in memory. The LoadSeg patch differs a little bit.

## 1.206 flt-1996

FLT-1996 Trojan:  
-----

other possible names: BlueSkyl trojan

This is a simple trojan, which tries to overwrite SCSI.DEVICE unit 0 completely. The code isn't that good. Nothing more to say about it. Not linked, a trojan and no usefull code.

---

## 1.207 susi

Susi\_Drive\_Stepper Trojan:  
-----

Filelength: 904 bytes unpacked  
 Programmed in: Assembly language  
 Processors: MC68000-MC68040(?)  
               On MC68060 it did not work  
 Typ: Trojan

This is a very easy programmed trojan. Via the use of Disk Resource it will be tried to access a device (0) and some IDs will be changed. The whole new "created" DiskResource struct is not correct and contains a lot of not understandable code. The trojan is not reset-proof, it just tries the above mentioned diskresource manipulation and some little hardware hacks. The trojan selects unit 0 and steps with the head around. The direction will be changed at every loop and the head moves always one track. The timing is so bad managed, that the controller gets irritated and quits work temporarily.

The name of the new created port is "susi". You can see at the end of the file some names, but nothing more. All in all a simple trojan.

```
0260: 00000000 00000000 00006469 736B2E72      .....disk.r
0270: 65736F75 72636500 73757369 00616E64      ource.susi.and
0280: 72656100 76616C65 6E74696E 6100696E      rea.valentina.in
0290: 67726964 00636872 69730000 0A000120      grid.chris.....
```

It was tried to damage a disc using this trojan, but we didn't succeed.

## 1.208 Invader=Silesian linkvirus

```
Entry.....: Invader
Alias(es).....: Silesian Virus
Virus Strain.....: -
Virus detected when.: 1/1996
              where.: Poland
Classification.....: Link virus, memory-resident, not reset-resident
Length of Virus.....: 1. Length on storage medium: 1200+(0..72) Bytes
                      2. Length in RAM: $19000 or $d6b0 Bytes
                      (depends on the returncode of availmem() )
```

## ----- Preconditions -----

Operating System(s):: AMIGA-DOS  
Version/Release.....: 2.04 and above (V37+)  
Computer model(s)...: all models/processors (MC68000-MC68060)  
The virus has problems with caches of all kind.

## ----- Attributes -----

Easy Identification:: None

Type of infection...: Self-identification method in files:  
- None

Self-identification method in memory:  
- Checks for a word in the Dos Open() function

## System infection:

- RAM resident, infects the followind DOS functions
- Open()
- Rename()
- Lock()
- LoadSeg()
- NewLoadSeg()
- SetComment()
- SetProtection()

## Infection preconditions:

- File is executable

Please note, that there is no check for a CODE hunk or such things. The virus loads the to be infected file, but forgets to do a real length check. It seems as the virus cuts file just as it wants to.

## Example:

(Memoryalloaction is \$19000)

Infecttry of xyz (=\$2a000 bytes)

The infected file will be \$19000+\$4b0+0..72 bytes long and not repairable anymore.

Infection Trigger...: Accessing the volume

Storage media affected: all DOS-devices

Interrupts hooked...: No interrupts used

---

Damage.....: Permanent damage:  
- Damages files, adds bytes, copies blocks.  
Transient damage:  
- The Virus writes a file with the name  
"===README===" on the ramdisk. It contains  
some text like "Get me you lamer..." etc.

Damage Trigger.....: Permanent damage:  
- Overwriting file contents in several places,  
especially, when the files have more hunks.  
Transient damage:  
- Infection-Counter

Particularities.....: The memoryallocation operations are not cache-  
proof and should make a lot of problems. The code  
isn't that professional written, the patch-  
routines are very simply made. One important  
counter is behind the first hunk, which isn't  
that clever. The data behind the first hunk can  
be damaged in a serious way.

Similarities.....: Link-method is like the one of infiltrator-virus.  
Some ideas behind (search for DH0 and then try to  
infect dh0:c/loadwb first) look like stolen from  
the Commander linkvirus.

The change of the last command in the to be  
infected hunk is a little bit buggy. Under  
circumstances the last word in the hunk will  
be changed, even if there is another important  
information in it. The "RTS" locater doesn't  
look only for the last "RTS", it really looks for  
all "RTS" in the STEP range.

Stealth.....: No stealth abilities at all. All can be seen on  
the SnoopDos screen.

Armouring.....: No special armouring found in this virus. It just  
uses somekind of encryption (depending on \$dff006)  
for it's code, which is static.

----- Agents -----

Countermeasures.....: VW 5.9, VT 2.80 (?)  
Countermeasures successful: All of the above  
Standard means.....: -

----- Acknowledgement -----

Location.....: (C) Hannover, Germany  
Classification by...: Markus Schmall and Heiner Schneegold  
Documentation by....: Markus Schmall  
Date.....: January, 16.01.1996.  
Information Source..: Reverse engineering of original virus  
Copyright.....: This document isn't allowed to be used in any  
form without my permission. It's hereby allowed  
for VTC Hamburg and Virus Help Team DK to use it.

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=====  
===== End of Invader Virus =====  
=====