

VirusWorkshop

Markus Schmall

COLLABORATORS

	<i>TITLE :</i> VirusWorkshop		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY	Markus Schmall	July 22, 2024	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

1	VirusWorkshop	1
1.1	VirusWorkshop 4.7 - 28.01.1995 (C) by Flake/TRSi`95	1
1.2	English-Documentation	1
1.3	Deutsche Anleitung	2
1.4	PGP-Deutsche Anleitung	3
1.5	PGP-English documentation	4
1.6	SHI_Prohibition	4
1.7	Einige lernen es nie...	5
1.8	Shareware Aufforderung	7
1.9	Shareware wanted !	8
1.10	Preferences	9
1.11	NewPref	10
1.12	FILEID2	10
1.13	FILEID	11
1.14	INTRO	11
1.15	Einführung	12
1.16	COPYRIGHT	13
1.17	Kopierrecht	14
1.18	RELEASENOTE	14
1.19	Veröffentlichung	17
1.20	MENUINSTRUCTION	20
1.21	Menuerklärung	21
1.22	SECTORCHECK	21
1.23	SEKTORCHECK	23
1.24	SECTORCHECK	26
1.25	DateiCHECK	28
1.26	FILECHECK	30
1.27	MemoryCHECK	32
1.28	RAMCHECK	33
1.29	Patches	34

1.30 Supported_Screen_Resolutions	36
1.31 ScreenModi	37
1.32 Boot->File	37
1.33 BOOT_TO_FILE	37
1.34 FILE_TO_BOOT	38
1.35 File->Boot	38
1.36 BB_Installation	38
1.37 INSTALL	39
1.38 BB_Erstellung	39
1.39 MAKEBB	40
1.40 SHOW_Startup-Sequence	40
1.41 Zeige_Startup-Sequence	41
1.42 Kickstart-Auszug-Sicherung	41
1.43 KICKSAVE	41
1.44 AUTOMEMKILL	42
1.45 AUTORAMKILL	42
1.46 EXPLODE	43
1.47 IMplode	43
1.48 QUIT	44
1.49 Laufwerkinfo	44
1.50 DRIVEINFO	45
1.51 FestplattenSUPPORT	47
1.52 HDSUPPORT	48
1.53 CRUNCHER	49
1.54 HISTORY	52
1.55 FUTURE	77
1.56 FUTURED	77
1.57 Vectors	77
1.58 HELLOS	78
1.59 GH	79
1.60 BG	79
1.61 SDC2	80
1.62 Osna	80
1.63 LSD	80
1.64 An Ingo Schmidt:	80
1.65 An J.Walker:	80
1.66 Nextsys	81
1.67 An Soenke Freytag:	81
1.68 Axnete	81

1.69	Axnetd	81
1.70	Kontakt-Adresse	81
1.71	Contact adress	83
1.72	Hellos to Ixx/TRSi	86
1.73	LHA Checker - deutsch	86
1.74	LHA Checker- english	87

Chapter 1

VirusWorkshop

1.1 VirusWorkshop 4.7 - 28.01.1995 (C) by Flake/TRSi`95

VirusWorkshop 4.7

A Tristar & Red Sector inc. production
in 1995 !
coded by Markus Schmall

~~~~~Deutsche~Beschreibung~der~Funktionen~~~~~  
~~~~~English~description~of~the~functions~~~~~

This programm was made possible based on the work of many people, who send me bugreports, infected files, money, talked to me and gave me new motivation to continue the work on this. I want to thank you ALL. I cannot mention all your names here, but I think on you.

This viruskiller is dedicated to Mr.Ingo Schmidt, without whose help VirusWorkshop would be today not one of the leading viruskillers on AMIGA. He always helped me to code tricky stuff and tested VW on the "hard" way.

1.2 English-Documentation

It's not allowed to include VirusWorkshop/Dhunk/documentations of VirusWorkshop on any release by Safe Hex International. I am NOT a member of SHI (any more) and therefore I am not interested in any direct or indirect contact to Mr.Erik Loevendahl Soerensen, the leader of this organisation.

The VirusWorkshop is not allowed to be spreaded from the SHI main center in denmark.

```
~~~~~Introduction~~~~~
~~~~~Copyright~Note~~~~~
~~~~~Release~Notes~~~~~
~~~~~ShareWare~notice~~~~~
~~~~~Description~of~the~menus~~~~~
~~~~~Sector~Check~~~~~
~~~~~File/Link/Trojan~Check~~~~~
~~~~~Memory~Check~~~~~
~~~~~BootBlock~to~File~~~~~
~~~~~File~to~BootBlock~~~~~
~~~~~Install~~~~~
~~~~~Make~BootBlock~~~~~
~~~~~Show~Startup~~~~~
~~~~~KickSave~~~~~
~~~~~Drive~Info~~~~~
~~~~~HardDisk~Support~~~~~
~~~~~LHA~Check~function~~~~~
~~~~~ScreenResolution~Support~~~~~
~~~~~Preferences~~~~~
~~~~~PGP~Support~~~~~
~~~~~Recognized~crunchers~~~~~
~~~~~VirusWorkshop~History~~~~~
~~~~~VirusWorkshop's~future~~~~~
~~~~~Quit~~~~~
~~~~~Some~hellos~~~~~
~~~~~How~to~contact~the~author~~~~~
```

1.3 Deutsche Anleitung

```
~~~~~Wichtig!~Lesen~Sie~diesen~Absatz!~~~~~
```

```
~~~~~Einfuehrung~~~~~
~~~~~Kopierrecht~~~~~
~~~~~Veröffentlichung~~~~~
~~~~~ShareWarebemerkung~~~~~
~~~~~Menuerklaerung~~~~~
~~~~~Sektor~Kontrolle~~~~~
~~~~~DateiKontrolle~~~~~
~~~~~Memory~Kontrolle~~~~~
~~~~~Bootblock->File~~~~~
~~~~~File->Bootblock~~~~~
~~~~~BB~Installation~~~~~
~~~~~Erstelle~BB~~~~~
~~~~~Zeige~Startup~~~~~
~~~~~Kickstart~Sicherung~~~~~
~~~~~Laufwerk~Info~~~~~
~~~~~Festplatten~Support~~~~~
~~~~~LHA~Archiv~Untersuchung~~~~~
~~~~~Aufloesungen~~~~~
~~~~~VirusWorkshop~in~der~Zukunft...~~~~~
```

```
~~~Wie~kann~ich~den~Programmierer~erreichen?~~~
```

Die folgenden Texte sind leider derzeit nur in
englischer Sprache verfügbar:

```
~~~~~Voreinstellungen~~~~~
~~~~~PGP~~Unterstützung~~~~~
~~~~~Erkannte~Packer/Archiver~~~~~
~~~~~VirusWorkshop~~History~~~~~
~~~~~Quit~~~~~
~~~~~Einige~Grüße~~~~~
```

1.4 PGP-Deutsche Anleitung

PGP Unterstützung ab VirusWorkshop 4.4:

Ich war die nervenden Anfragen und VOR ALLEN DINGEN die teilweise unqualifizierten Kommentare im Z-Netz/Rechner/Amiga/Viren leid und so habe ich mich dann doch noch dazu entschlossen, eine PGP Unterstützung für VirusWorkshop etc. anzubieten. Speichern Sie bitte mit einem Texteditor nur den PGP PUBLIC KEY BLOCK unter einem gesonderten Filenamen auf einen Datenträger und tippen sie folgenden String aus einer SHELL/CLI ein:

PGP <Dateiname> und folgen Sie den Anweisungen von PGP !

Um die Echtheit zu untersuchen, müssen Sie jetzt nur noch folgenden Text eingeben:

als Beispiel für das VirusWorkshop Hauptprogramm:

PGP VirusWorkshop.sig VirusWorkshop

-----BEGIN PGP PUBLIC KEY BLOCK----- Version: 2.6

```
mQCNAi6+nugAAAAEEAOCpQXrZ0sDnnlnLfz/Q5y5fOhVqA69oEJF8W+crSdb/Ktce
+XBC7sQevqWLG0JKk4H8i03Jji5IQluUK/N2SQG+YQA0jzeenvhEtJvuz/LKxyXk
/JuKsPaYOfZen2HdtREl9qI7GnLI0mZSJcAn7QKmVmBPX9lSUyD1uhB1y2lFAAUR
tCVNYXJrdXMgU2NobWFsbCA8TS5TY2htYWxsQExEQi5oYW4uZGU+ =A0dg
```

-----END PGP PUBLIC KEY BLOCK-----

Verwendete PGP Version: PGP 2.6ui zu finden im AMinet unter
"Util/Crypt/PGPAmi26ui.lha".

Ich verwende einen 1024 Bit Key, welcher wirklich genug
Sicherheit bieten sollte. Daher kann es zu einigen
Rechenpausen auf langsamen Rechnern kommen.

Mein Unterschriftenname ist M.Schmall <M.Schmall@LDB.han.de> !

1.5 PGP-English documentation

PGP support starting with VirusWorkshop 4.4:

I was fucked up with all the nerving/stressing comments etc. and especially with several unqualified comments in the german Z-Netz/Rechner/Amiga/Viren. So I decided to support PGP just to make me a more happier life without all the stressing stuff.

Please save this textblock with an editor to a separate file and type from SHELL/CLI:

PGP <filename> and follow the instructions !

To prove the programs, you have to enter the following texts:

as example for the VirusWorkshop mainprogramm:

PGP VirusWorkshop.sig VirusWorkshop

-----BEGIN PGP PUBLIC KEY BLOCK----- Version: 2.6

mQCNAi6+nugAAAAEAOCPqXrZ0sDnnlnLfz/Q5y5fOhVqA69oEJF8W+crSdb/Ktce
+XBC7sQevqWLG0JKk4H8i03JjI5IQluUK/N2SQG+YQA0jzeenvhEtJvuz/LKxyXk
/JuKsPaYOfZen2HdtREl9qI7GnLI0mZSJcAn7QKmVmBPX9lSUyD1uhBly2lFAAUR
tCVNYXJrdXMgU2NobWFsbCA8TS5TY2htYWxsQExEEQi5oYW4uZGU+ =A0dg

-----END PGP PUBLIC KEY BLOCK-----

Used PGP Version: PGP 2.6ui , which can be found in the AMinet:
"Util/Crypt/PGPAmi26ui.lha".

To ensure maximum security, I use a 1024 bit key for the PGP routines. This should be enough ! The problem is the high calculating process, which can last on slow systems a bit. Sorry for this, but I wanted to be sure !

My signature name is Markus Schmall <M.Schmall@LDB.han.de>.

1.6 SHI_Prohibition

Es ist strengstens verboten, Teile des VirusWorkshop Paketes in Safe Hex Publikationen zu verwenden. Ich bin kein Mitglied von S.H.I. und möchte in keiner Weise in Kontakt mit Herrn Erik Loevendahl Soerensen, dem daenischen SHI Leiter, gebracht werden. Es hat Vorfälle gegeben, die mich zu diesem Verhalten gezwungen haben.

Es ist strengstens verboten, daß VirusWorkshop auf Disketten des SHI Hauptcenters vertrieben wird.

Es gibt leider immer noch Firmen, die VirusWorkshop im Set mit anderen Viruskillern fuer 29 DM verkaufen. Dies ist einfach Wucher ! Diese

Firmen halten sich trotz des Verbotes (siehe VirusWorkshop.News) nicht an die preislichen Vorgaben.

-> Hiermit gilt ein strengestes Verbot für Mallander Computersoftware, VirusWorkshop zu vertreiben. Im August 1994 fand ich auf einer Viruskillerpackdiskette von dieser Firma VirusWorkshop in der Version 2.2 <-

Ein~Beispiel~für~das~Viruskillerpack~perfect~von~Mallander~Software

1.7 Einige lernen es nie...

Hannover, August 1994

Markus Schmall
von Graevemeyerweg 25
30539 Hannover
Tel.:0511/514944

Wieder einmal ein trauriger Anlass:

Das Viruskiller Pack perfekt von Mallander Computer Software in Bocholt. Dieses Pack wird in diversen Anzeigen für 29 DM angeboten und verspricht, die aktuellsten Viruskiller und diverse zusätzliche Informationen zu enthalten.

Am 01.08.1994. bestellten wir zu Testzwecken ein solches Pack. Am 08.08.1994. erhielten wir eine Nachnahmesendung für 42 DM von Mallander Software. Wir waren erschreckt, wie alt die Programme waren, die auf den beiden gelieferten Disketten zu finden waren.

Der Preis ist eine glatte Unverschämtheit ! Im VirusWorkshop Guidefile ist zu lesen, daß der Verkaufspreis für VirusWorkshop einschließlich Porto/Verpackung und der Diskette nicht höher sein darf als 7 US Dollar. Mallander Computersoftware verstößt damit eindeutig gegen ein Verbot.

Es wird aber noch schöner: In dem File "VT-Liesmich", welches "vergessen" wurde auf die Diskette zu legen, ist zu lesen, dass VT nur komplett weitergegeben werden darf. Es fehlen aber sowohl die eigentliche Hauptanleitung als auch diverse andere Texte, die dem kompletten VT-Archiv beiliegen. Wieder ein Verstoss gegen ein Verbot. Auch Herr Schneegold, der Programmierer, von VT hat eine preisliche Vorgabe, die in dreister Weise von Mallander Computersoftware übergangen wird.

Im BootX 4.50 Guidefile ist zu lesen, dass nicht mehr als eine kleine (nominal fee) Kopiergebühr für eine Kopie von BootX verlangt werden darf. Wir sehen, dass Mallander Computer Software sich nicht sehr an Richtlinien und Vorgaben/Verbote zu halten scheint.

Von Aktualität scheint der Laden in Bezug auf diese Viruskillerdisketten auch nicht viel zu halten. VT 2.54 wurde am 20.06.1993 veröffentlicht. VirusWorkshop 2.2 wurde am 10.7.1993. veröffentlicht. Die Programme

sind über 1 Jahr alt und stellen keinen sicheren Schutz mehr dar.

Nur zur Erinnerung: Anfang August 1994 sind folgende Programmversionen aktuell:

- VT 2.66
- Virus Checker 6.42 mit Brain 1.04
- BootX 5.23a mit Recog 2.18
- VirusWorkshop 3.9

In einem Intro auf den Disketten ist folgenden Text zu lesen (nur wichtige Passagen):

```
'LIEBE COMPUTERFREUNDE, SIE ERLEBEN JETZT'  
' EINE NEUE DISKETTE MIT SPITZEN PD-SOFTW'  
'ARE ZUSAMMENGESTELLT IM HAUSE MALLANDER '  
'COMPUTERSOFTWARE.          WIE UNTERSUCHUNG'  
'EN ERGEBEN HABEN, FINDET MAN DIE SOFTWAR'  
'E, DIE DIE FIRMA MALLANDER COMPUTERSOFTW'  
'ARE ANBIETET, TEILWEISE ERST EIN HALBES '  
'JAHR SPAETER IN IRGENDWELCHEN PD-SERIEN '  
'WIEDER.          WIE KOMMT DAS ???      '  
'      NUN, DIE FIRMA MALLANDER COMPUTERSOF'  
'TWARE BEKOMMT DIE SOFTWARE IMMER BRANDNE'  
'U DIREKT VON DEN PROGRAMMIERERN ODER VON'  
' INTERNATIONALEN COPY-PARTYS. WIR ERHALT'  
'EN STAENDIG WELTWEIT VON UEBER 200 PERSON'  
'EN DIE NEUESTEN SOFTWAREPRODUKTIONEN.  '  
'      WIR ORIENTIEREN UNS NICHT AM NORMALEN '  
'PD-MARKT ODER AN PD-SERIEN.          BEI'  
'UNS WERDEN SIE DIE BESTEN UND NEUESTEN  '  
' SPIELE, ANWENDERPROGRAMME, DEMOS, GRAFIK'  
' , MUSIK, TOOLS UND AUCH EROTIKSOFTWARE  '  
' FINDEN !!!
```

Die Aussagen sind in weiten Teilen einfach lächerlich. Wenn von der doch so großartigen Aktualität gesprochen wird, warum haben dann diverse PD Serien (z.B. TIME) weitaus aktuellere Versionen von Viruskiller als dieser tolle Laden ? Komisch, oder nicht ?

Mallander Computer Software übertreibt also ein einigen Punkten, verstößt einige Male gegen strikte Verbote und verlangt für diese 2 Disketten einen absolut überzogenen Preis.

Ich würde mich freuen, wenn dieser Text auch an die großen AMIGA Magazine in Deutschland gelangen würde. Im Z-NETZ/RECHNER/AMIGA/VIREN liest auf jeden Fall S.Paolini von der AMIGA PLUS mit und diverse andere Redakteure von AMIGA und AMIGA Special dürften auch Netzzugriff haben.

Mit freundlichen Grüßen

Markus Schmall
(Programmierer von VirusWorkshop)

Inhalt von Diskette 1:

- Jeweils eine Kurzanleitung (2-5 KB) zu VT 2.54, VirusChecker 6.26, BootX 4.50 und dem Schwarzkopfkiller.
- VT 2.54 samt der Utilities (aber ohne die eigentliche Anleitung und ohne die begleitenden Texte)
- Virus Checker (Hauptprogramm)
- Schwarzkopfkiller (Hauptprogramm)
- BootX mit einigen Zusatzdateien und dem Recogfile 1.63

Inhalt von Diskette 2:

- VirusWorkshop 2.2 mit Zusatzdateien und Kurzanleitung
- eine Datei mit dem Namen VirusInfo. Diese Datei stellt sich als uralte VT-Kennt Datei heraus, wo am Anfang Texte geändert worden sind.

Dies sollen wohl die 200 Seiten umfangreiche Virusinformationen sein, die groß in der Werbung angepriesen werden...

Kommentar 11.10.1994: Ich habe wieder eine Anzeige dieser Firma gesehen, wo VirusWorkshop jetzt mit 500 erkannten Viren genannt wird. Dies kann nur eine Version der letzten Monate sein und diese Versionen sind mit einem ausdruecklichen Verkaufsverbot für Mallander Software belegt.

1.8 Shareware Aufforderung

VirusWorkshop ab jetzt (24.02.1994) ShareWare:

Der vorgeschlagene Betrag ist 15 DM oder 10 USDollar. Wenn Sie VirusWorkshop regelmäßig benutzen und das Programm mögen, dann würde ich mich über diese kleine Anerkennung sehr freuen.

VirusWorkshop ist voll funktionsfähig. Sie werden bei der Viren-jagd nicht durch Nervrequester, Keyfiles oder ähnliche Verfahren beeinträchtigt, da ich dies bei einem Viruskiller für nicht angemessen halte.

VirusWorkshop ist ein Produkt, welches in einem Zeitraum von über 2 Jahren entwickelt wurde und in welches sicher mehr als 500 Stunden Arbeit investiert bisher wurde. Die Entwicklung des Programmes ist ja auch noch nicht abgeschlossen....Die Weiterentwicklung eines Viruskillers kann ja nicht abgeschlossen sein.....

Ich bin Student und programmiere VirusWorkshop als mein Hobby. Mir macht diese Arbeit Spass, aber indirekt verursacht dieses Projekt immense Kosten:

- jeden Monat muß VirusWorkshop verteilt werden (sowohl über DFÜ als auch per Post)
- neue Viren/Libraries/Patches etc. müssen von Mailboxen gezogen werden
- Erfahrungsaustausch mit Freunden innerhalb von Deutschland per Telefon verschlingt auch eine nicht zu vernachlässigende Summe.

Wenn Sie mir den Betrag senden, erhalten Sie von mir die nächste Version von VirusWorkshop am Veröffentlichungstag direkt per Post.

Wenn Sie schon für eine ältere Version von VirusWorkshop eine ShareWare Gebühr bezahlt, müssen Sie natürlich nicht immer wieder diese Gebühr bezahlen.

Wenn Sie die aktuellste Version von VirusWorkshop direkt von mir haben wollen, dann senden Sie einen frankierten Rückumschlag und eine Diskette an mich. Wenn das Rückporto nicht ausreichend ist, behalte ich es mir vor, diese Anfrage nicht zu beantworten bzw. die Sendung einfach mit zuwenig Porto der Post zu geben, denn ich sehe es nicht ein, daß ich die Portogebühren für Sie bezahle.

Denken Sie darüber nach !

Meine Adresse:

Markus Schmall
von Graevemeyerweg 25
30539 Hannover

1.9 Shareware wanted !

VirusWorkshop is from now (24.02.1994) on ShareWare:

The suggested donation is 15 DM or 10\$. If you like VirusWorkshop and use it regularly I would be very happy, if you send the suggested donation to me.

I don't like ShareWare programmes, which need a keyfile to run correct. Atleast for a viruskiller this is not the real way to go. You get here a full working version without any limitations.

VirusWorkshop is a product, which was produced in many hours. I do not know how many hours, but I invested for sure more than 500 hours to produce it. And the development progress is still running...

I am a student and to code VirusWorkshop is my hobby. The work on VirusWorkshop makes me happy, but the costs to produce this viruskiller are very high:

- the viruskiller has to be spreaded every month.
- new viruses etc. have to be downloaded from mailboxes (mainly in nonlocal boxes).
- technical knowledge exchange by phone with friends in other sides of Germany is very high.

If you send me the donation, you will get the next version from VirusWorkshop direct from me at the releaseday by mail.

If you have already paid the Share for an older version of VW, then you need not to pay this share for a new version (but i will not stop you to do this).

If you want to get the latest version of VirusWorkshop, then please send me an envelope with stamps and a disc. If you cannot get in touch with german stamps, then send me 3 DM=2US\$! I am not able to pay all the porto for you. If a letter with too low stamps arrives at my home, I will not answer or I will send it to you and you have to pay the porto !

So, please think about it !

My adress:

Markus Schmall
von Graevemeyerweg 25
30539 Hannover

1.10 Preferences

VirusWorkshop Preferences Menu

```
~~~~~AutoRamKill~~~~~ ~AutoSpeicherKill!~  
~~~The~Explode~Function~~~ ~~Imploder~Funkt.~~  
~~~The~FileID~Function~~~~
```

```
~~~~~New~Preferencesfilestructure~~~~~
```

```
~~~~~Back~to~the~mainmenu~~~~~
```

1.11 NewPref

Structure of the new preferencesfile:

-
- 1.Longword: for the screenresolution.
 - 2.Longword
 - 1.Byte: If "1" then the AUTOKILL function is activated.
 - 2.Byte: If "1" then the FILEID funtion is activated.
 - 3.Byte: If "1" then the decrunch function is activated.
 - 4.Byte: If "1" then you will be asked at the exit, if you really want to do this.
 - 3.Longword: Just for selfidentification.
 - 4.Longword: Width of the screen.
 - 5.Longword: Height of the screen.
 - 6.Longword: Just for selfidentification.

All this functions will be first activated AFTER the RAMcheck.

Struktur des neuen Einstellungsfiles:

-
- 1.Langwort: verantwortlich fuer die Auflösung.
 - 2.Langwort
 - 1.Byte: Wenn dieses Byte auf "1" steht, wird die AUTOKILL Funktion aktiviert.
 - 2.Byte: Wenn dieses Byte auf "1" steht, wird die FILEID Funktion aktiviert.
 - 3.Byte: Wenn dieses Byte auf "1" steht, wird die Decrunch Funktion aktiviert.
 - 4.Byte: Wenn dieses Byte auf "1" steht, werden Sie bei verlassen von VirusWorkshop gefragt, ob sie dies wirklich tun wollen.
 - 3.Langwort: Nur zur Selbsterkennung
 - 4.Langwort: Breite des Screens
 - 5.Langwort: Höhe des Screens
 - 6.Langwort: Nur zur Selbsterkennung

Diese Funktionen werden erst nach dem ersten RAMcheck aktiviert.

1.12 FILEID2

Wenn Sie diese Funktion aktivieren wird VirusWorkshop die FileID Library verwenden, um den Filetyp zu erkennen. Diese Library erkennt über 520 verschiedene Filetypen. Achtung: Der Speicherbedarf nimmt zu und die Geschwindigkeit beim Testen nimmt ab.

Die FileID Library wurde von Bloodrock/SDC programmiert.
Das VirusWorkshop Archiv enthält V6.0 dieser
Library.

1.13 FILEID

If you start this option,VirusWorkshop will use the FileID.Lib to recognizes over 520 different fileformats.The recognition results can be sometimes wrong but recognition rate is very high.Please note that this function slows down the testprocess a little bit and the memoryusage is higher.

The FileID Library was written by Bloodrock/SDC.
(Version 6.0 is included in this archive.)

1.14 INTRO

Introduction to VirusWorkshop:

Welcome to another new viruskiller on the AMIGA(C). This virus-killer was programmed to help you to get rid of all the viruses hanging around. VirusWorkshop handles a big number of trojan horses, which try change the AmiExpress(C) mailbox programm and it is ideal for users,who just want to check their software in a very secure way for viruses and diskerrors.

VirusWorkshop is another try to make a viruskiller for a special usergroup.I think it is good to support Kickstart 1.x but the new features should be supported.VirusWorkshop needs at least 1 MB of memory to work properly.

Some of the functions (especially DECRUNCHING) take a lot of time, but the time goes on and higher processors than the MC68000 can be found at every corner.The decrunch process needs a lot of memory. VirusWorkshop uses for decrunching the mighty XFDmaster Library by Georg Hoermann(*) .

Support OS2.XX higher version and let the AMIGA get the rank in the computerbusiness,which it deserves because of it's powerfull chips and the really good operating system.

The author allows the spreading of VirusWorkshop in any form. But don't take more than 4 US\$ or 6 DM for a viruskillerdisk,which contains VirusWorkshop.

This especially counts for a big german shop, which sells a packet containing several viruskillers for more than 18 \$. This is not allowed.

It's not allowed to spread VirusWorkshop on S.H.I. discs.

(Exceptions: Jim & Becky Maciorowski, Lars Kristensen
and Jan Bo Andersen)

(*) Some words about the Xfdmaster Library: This library is very well coded but contains some "bugs" concerning powerpacked files. In other words: It can come to problems with powerpacked files. I cannot test, if this is based on bugs in PP or in the library, but the programmes itself work on my AMIGA.

1.15 Einführung

Vorwort zu VirusWorkshop

Herzlich willkommen zu einem neuen Viruskiller auf dem AMIGA. Dieser Viruskiller wurde programmiert, um Ihnen zu helfen, die Virenprobleme entgültig zu vergessen. VirusWorkshop erkennt eine große Anzahl an trojanischen Pferden, die speziell auf das AmiExpress Mailboxsystem ausgerichtet sind. VirusWorkshop ist ideal für User, die auf einfache Weise Ihr System auf eine sehr sichere Methode untersuchen wollen.

VirusWorkshop ist ein weiterer Versuch, einen Viruskiller für eine spezielle Usergruppe zu erstellen. Die Idee, Kickstart 1.x zu unterstützen ist generell nicht schlecht, aber OS 2.xx ist eindeutig der Stand der Dinge. VirusWorkshop braucht mindestens 1 Megabyte Speicher um zu arbeiten.

Einige der Funktionen (insbesondere das Entpacken) benötigen sehr viel Zeit und Speicher, aber die Zeit schreitet voran und schnellere Prozessoren als der MC68000 können an jeder Ecke zu angemessenen Preisen erworben werden.

Unterstützen Sie OS2.xx und neuere Version und gewährleisten Sie damit, daß der AMIGA den Rang bekommt, der ihm aufgrund seiner leistungsfähigen Chips zusteht.

Die Verbreitung von VirusWorkshop wird ausdrücklich befürwortet.

Ausnahmen:

1. KEINE Verbreitung auf S.H.I. Disketten...

Ich habe keinerlei Interesse in Verbindung mit Erik Loevendahl Soerensen oder S.H.I. gebracht zu werden.

2. VirusWorkshop darf nicht auf Disketten verkauft werden, die mehr als 6 DM kosten (4us\$).
-

Dies gilt natürlich auch für Kaufhausketten und andere Anbieter. Es gibt ein erschreckendes Beispiel in Deutschland, wo ein Packet mit Viruskillern für 29 DM verkauft wird. Es ist schon dreist einen solchen Preis zu verlangen! Mall..... heißt dieser nette Laden, der solche Wucherpreise nimmt.

1.16 COPYRIGHT

Copyright:

This programm was developed to help people to get rid of problems with viruses. The author takes no responsibility if damage is caused by the use of this programm.

All parts of the programm are copyrighted by Markus Schmall.

Except:

- "Xfdmaster.library", which is copyrighted by Georg Hoermann (VirusZ).
- "regtools.library", which is copyrighted by Nico François (PowerPacker).
- "FileID.library", which is copyrighted by Bloodrock/SDC.

Comment 13.03.1994: VirusWorkshop now uses intern the decrunch-routines from the great CrunchMania packer. CrunchMania is shareware and was written by Thomas Schwarz.

All coders gave permission to include their libraries in every non commercial and free distributable production. If you want to sell this programm the final price for the customer should not be higher than \$6 US dollars (this includes the costs for media and postage!).

VirusWorkshop has to be spreaded with ALL the files and without modification. If you get a vw archiv, which does not contain ALL files, then change your software supplier. I REALLY HATE IT, IF someone changes my docs (as happended on a AMIGA VIRUS BUSTERS disk. I don't know, who changed the docs, but I don't like that !).

It's not allowed to spread VirusWorkshop on S.H.I. diskettes.

There are no exceptions: Jan Bo Andersen and Lars Kristensen left SHI and so the prohibition is global and stay valid ! Good luck in the future, Jan !

1.17 Kopierrecht

Dieses Programm wurde entwickelt um Usern zu helfen, die lästigen Viren zu vernichten. Der Autor übernimmt keine Verantwortung für Schäden, die durch die Benutzung dieses Programmes entstehen.

Auf alle Programmteile hat Markus Schmall das Copyright.

Außer auf:

- "Xfdmaster.library", für welche Georg Hoermann das Copyright besitzt.
- "reqtools.library", für welche Nico Francois das Copyright besitzt.
- "FileID.library", für welche Bloodrock/SDC das Copyright besitzt.

Alle Programmierer haben die Erlaubniss gegeben, ihre Libraries in jeder nicht kommerziellen und frei kopierbaren Produktion zu verwenden. Wenn Sie VirusWorkshop verkaufen wollen, dann stelle ich folgende Bedingung:

Der Endpreis, welcher Porto, Verpackung etc. enthält, darf nicht höher als 6 US Dollar sein.

Bitte beachten Sie, daß VirusWorkshop NICHT auf SHI Disketten verteilt werden darf. Es gibt ab VirusWorkshop 4.4 keinerlei Ausnahmen mehr, da Jan Andersen und Lars Kristensen SHI verlassen haben und ich jetzt keinerlei Ausnahmen für die beiden machen muß.

Das Verbot gilt global und zeitlich unbegrenzt !

Weiterhin ist es nicht erlaubt, daß Virus-Workshop in dem internen SHI E-Mail Netz verteilt wird.

VirusWorkshop darf nur als komplettes Archiv weitergegeben werden. Wenn Sie VirusWorkshop nur zerstückelt auf einer Diskette finden, sollten Sie Ihren Softwarehandler etc. schnellstens wechseln !

Es ist hiermit strengstens der Firma Mallander untersagt, VW zu verkaufen. Ich behalte mir rechtliche Schritte bei Nichteinhaltung vor.

Zusatz 13.03.1994: Intern werden jetzt die Entpackroutinen des CrunchMania Packers verwendet. CrunchMania is Shareware und wurde von Thomas Schwarz geschrieben.

1.18 RELEASENOTE

Release notes:

This programm should work on:

1. All AMIGA computers with the following KICKSTART versions:

(VirusWorkshop expects unpatched versions, which are not patched by Decigel etc.)

- Kickstart V2.04 (V37.175 on A3000/A2000/A500(+))
- Kickstart V2.05 (V37.300)
- Kickstart V2.06 (V37.350)
- Kickstart V3.00 (V39.106)
- Kickstart V3.00a (V39.106b in the A1200)
- Kickstart V3.02 (V39.116BETA for the A4000) *
- Kickstart V3.03 (V40.9BETA for the A4000) *
- Kickstart V3.04 (V40.38BETA for the A4000) *
- Kickstart V3.1B (V40.55 for the A4000) *
- Kickstart V3.1B (V40.55 for the A3000) *
- Kickstart V3.1B (V40.62 for the A4000)
- Kickstart V3.1B (V40.62 for the A3000)
- Kickstart V3.1B (V40.68 for the A4000)
- Kickstart V3.1B (V40.68 for the A3000)
- Kickstart V3.1 (V40.70 for the A4000(t))
- Kickstart V3.1 (V40.70 for the A3000)
- Kickstart V3.1 (V40.63 for the A2000/A500(+))
- Kickstart V3.1 (V40.68 for the A1200)

At the moment Kickstart 40.65 will be not supported. This is based on the problem, that I can't make this version work on my A4000. Hope to fix it as soon as possible (as soon as I see the first SX1 ...).

- 2. Amigas with MMUs, FPU's.
- 3. Amigas with 680xx processors (even on the MC68040).
- 4. All chipsets including the new AGA system.

The support from VirusWorkshop for new Kickstart versions was only possible, because of the great help of some developers. I have several times asked a special person from Commodore Germany for support (or just to work 5 minutes on an A4000t), but he always said no.

Caution: The Kickstart 40.70 for the A4000 is not the same as in the A4000t !

We tested the programm with nearly all Workbench versions (including the new version 40.42) and SetPatch commands and all worked just fine.

The programm should work now on A600HDs and A600s, too. If there are any problems, then please let me know it. I have only written the OS routines and had no testmachines.

All caches etc. will be supported and the new COPYBACK mode from MC68040 is working, too.

This programm does crash, if utilities like ReKick are active. It is caused by the fact that the programm only checks the ROMs! In my opinion this is no bad fact because only some developers and hackers use such tools.

The programm was developed with the use of Kickstart 3.0x . It works with older Kickstart version in the same way. Consider buying a new Kickstart version because only the new versions (OS2.++) make the AMIGA real worth using.

The Intuition Interface was designed using GadToolsBox 37.300 by JABA Developments.

VirusWorkshop is no background viruskiller. Every writecommand from an other programm can change the directory structure and the disc information cannot (sometimes) be completely checked.

Another point is that the usage of memory is too big.

This programm needs:

1. xfdmaster.library
2. reqtools.library
3. DMS packer (only if you use DMS check!)
4. OWS packer (" OWS)
5. gadtools.library
6. FileID.library
7. AmigaGuide (*) library

How many memory needs this viruskiller?

About 270 KB mainprogramm and the memory for the libraries and for the files. This means that it needs approx. 650 KB, when you try to check files. Result:

THIS PROGRAMM REQUIRES AT LEAST 1 MEGABYTE TO WORK.

I think this is not a real big disadvantage, because every real user should have at least 1MB memory.

This viruskiller was spreaded as a LHA archive with the name "TRSIVW47.lha". It contains the following files:

VirusWorkshop
VirusWorkshop.info
Virusworkshop-News
VirusWorkshop-News.Info
FILE_ID.DIZ
Install
Install.Info
Install.script

```
Pref-Edit
Pref-Edit.info
Vw.Displayme
VW.prefs
VW.prefs.README
MagiCWb.readme
  MAGICWB/...
  LIBS/explode.library
  LIBS/reqtools.library
  LIBS/xfdmaster.library
  LIBS/fileID.library
  DOCUMENTS/Virusworkshop.Guide
  DOCUMENTS/Virusworkshop.Guide.INFO
  DOCUMENTS/VWMemmon.Guide
  DOCUMENTS/VWMemmon.Guide.INFO
  DOCUMENTS/Starterproblems.Guide
  DOCUMENTS/Starterproblems.Guide.INFO
  DOCUMENTS/Pref-Edit.Guide
  DOCUMENTS/Pref-Edit.Guide.INFO
  DOCUMENTS/NewVirus.Guide
  DOCUMENTS/NewVirus.Guide.INFO
  DOCUMENTS/DHunk.Guide
  DOCUMENTS/Dhunk.Guide.INFO
  DOCUMENTS/VW-Save!.Guide
  DOCUMENTS/VW-Save.Guide.INFO
  DOCUMENTS/VW-Viruses.Guide
  DOCUMENTS/VW-Viruses.Guide.INFO
  DOCUMENTS/ELrm.Guide
  DOCUMENTS/ELrm.Guide.INFO
  TOOLS/Dhunk
  TOOLS/Dhunk.INFO
  TOOLS/ELrm
  TOOLS/ELrm.INFO
  TOOLS/VW-Save!
  TOOLS/VW-Save!.INFO
```

* = This Kickstartrelease will be correctly recognized, but the Memorykill function is not fully available because this is a BETA release and newer (official) versions are on the market.

(*) AmigaGuide Library is (C) by Commodore. Therefore I am not allowed to spread this library in the VirusWorkshop package.

1.19 Veröffentlichung

Notizen für die Veröffentlichung

VirusWorkshop sollte auf folgenden Rechnern arbeiten:

1. Allen AMIGA Rechner mit folgenden Betriebssystemversionen:

(diese Versionen müssen aber an den original ROM Adressen liegen. Also keine Kickstartversion bei \$2000000!!!!)

-Kickstart V2.04 (V37.175 im A3000 und A2000/A500(+))
-Kickstart V2.05 (V37.300)
-Kickstart V2.06 (V37.350)
-Kickstart V3.00 (V39.106)
-Kickstart V3.00a (V39.106b für den A1200)
-Kickstart V3.02 (V39.116BETA für den A4000) *
-Kickstart V3.03 (V40.9BETA für den A4000) *
-Kickstart V3.04 (V40.38BETA für den A4000) *
-Kickstart V3.1ß (V40.55 für den A4000) *
-Kickstart V3.1ß (V40.55 für den A3000) *
-Kickstart V3.1ß (V40.62 für den A4000)
-Kickstart V3.1ß (V40.62 für den A3000)
-Kickstart V3.1ß (V40.68 für den A4000)
-Kickstart V3.1ß (V40.68 für den A3000)
-Kickstart V3.1 (V40.70 für den A4000(t))
-Kickstart V3.1 (V40.70 für den A3000)
-Kickstart V3.1 (V40.63 für den A2000/A500(+))
-Kickstart V3.1 (V40.68 für den A1200)

Kickstart 40.65 (CD32 Version) wird nicht unterstützt, da ich dieses Biest auf meinem A4000 nicht zum Laufen bekomme. Sobald ich die Möglichkeit habe, an einem CD32 mit SX1 etc. zu coden, werde ich diese Lücke schliessen.

2. Amigas mit MMU, FPU.
3. Amigas mit 680xx Prozessoren (einschließlich MC68040)
4. Amigas mit normalen,enhanced (ECS) oder AGA Chipset.

Achtung: Die Kickstart 40.70 Versionen in A4000 und A4000t unterscheiden sich. Beide Versionen werden natürlich anerkannt.

Der Support der verschiedenen Kickstartversionen war mir nur möglich durch den großartigen Support einiger Entwickler, die mich an Ihren Rechner arbeiten ließen. Auf Nachfrage bei Commodore Deutschland hörte ich immer nur, daß ich mich als Entwickler registrieren lassen sollte....Mir ging es auf einer Messe nur um Kickstart 40.70 für den A4000t. Ich wollte nur ein 10 KB File aus dem ROM lesen, um eine Anpassung schreiben zu können. Natürlich wurde ich abgewiesen mit diesem Wunsch...

Das Programm wurde mit sämtlichen (für uns verfügbaren) Workbenchversionen getestet (einschließlich der Workbench 40.42) und alle Funktionen arbeiteten gut.

Das Programm sollte auf A600HD und A600 arbeiten.Wenn Probleme auftauchen, dann lassen Sie es mich bitte wissen. Ich habe nur die Routinen für diese Rechner geschrieben. Leider standen mir keinerlei Testrechner zur Verfügung.

VirusWorkshop hat keine Probleme mit den Caches der Prozessoren MC68030 und MC68040.

Das Programm läuft nicht (bzw. der Vectorkiller),wenn Programme wie

Rekick oder ZKick aktiv sind. VirusWorkshop testet direkt die ROMs.

VirusWorkshop wurde entwickelt unter Kickstart 3.1. Es arbeitet mit allen Betriebssystemversion größer=gleich V2.04.

Das Intuition Interface wurde entwickelt mit der Hilfe der GadTools Box 37.300, welche von JABA Developments geschrieben wurde.

VirusWorkshop ist kein Hintergrundviruskiller. Wenn Sie einen solchen Viruskiller benötigen, rate ich Ihnen zu VirusZ. Jedes Schreibkommando kann die Direktorystruktur verändern und es kann zu Fehlern beim Checken einer Diskette führen. Außerdem ist der Speicherverbrauch zu hoch.

VirusWorkshop benötigt:

1. xfdmaster.library
2. reqtools.library
3. DMS packer (nur beim DMS CHECK
4. OWS packer (" OWS)
5. gadtools.library
6. FileID.library
7. AmigaGuide Library (*)

Wiviel Speicher braucht VirusWorkshop ?

Ca.270 KB Speicher werden für das Hauptprogramm benötigt. Dazu kommen 250 KB für den Filecheck Buffer und zusätzlich noch Speicher für die Libraries und für Intuition.

Dieser Viruskiller wird in einem LHA Archiv mit dem Namen:

"TRSIVW47.lha" weitergegeben. Es enthält folgenden Files:

```
VirusWorkshop
VirusWorkshop.info
Virusworkshop-News
VirusWorkshop-News.Info
FILE_ID.DIZ
Install
Install.Info
Install.script
Pref-Edit
Pref-Edit.info
Vw.Displayme
VW.prefs
VW.prefs.README
MagiCWb.readme
  MAGICWB/...
    LIBS/explode.library
    LIBS/reqtools.library
    LIBS/xfdmaster.library
    LIBS/fileID.library
    DOCUMENTS/Virusworkshop.Guide
    DOCUMENTS/Virusworkshop.Guide.INFO
    DOCUMENTS/VWMemmon.Guide
```



```
DOCUMENTS/VWMemmon.Guide.INFO
DOCUMENTS/Starterproblems.Guide
DOCUMENTS/Starterproblems.Guide.INFO
DOCUMENTS/Pref-Edit.Guide
DOCUMENTS/Pref-Edit.Guide.INFO
DOCUMENTS/NewVirus.Guide
DOCUMENTS/NewVirus.Guide.INFO
DOCUMENTS/Dhunk.Guide
DOCUMENTS/Dhunk.Guide.INFO
DOCUMENTS/ELrm.Guide
DOCUMENTS/ELrm.Guide.INFO
DOCUMENTS/VW-Save!.Guide
DOCUMENTS/VW-Save.Guide.INFO
DOCUMENTS/VW-Viruses.Guide
DOCUMENTS/VW-Viruses.Guide.INFO
TOOLS/Dhunk
TOOLS/Dhunk.INFO
TOOLS/ELrm
TOOLS/ELrm.INFO
TOOLS/VW-Save!
TOOLS/VW-Save!.INFO
```

* =Diese Kickstartversion wird zwar korrekt erkannt, aber die VectorkillerFunktion ist nicht aktiv, da neuere Betaversionen existieren.

(*)= Auf die AmigaGuide Library hat Commodore das Copyright und daher ist es mir untersagt, diese Library mit in das VW Packet einzubinden.

1.20 MENUINSTRUCTION

Description of the menus:

On the top there are two big boxes with some important information:

- 1a. Which Kickstart is used?
- 2a. Where is the VBR pointing to?
- 3a. Is the FILEID function activated(DEFAULT=NO)?
- 4a. Is the AUTOKILL function activated(DEFAULT=NO)?
- 5a. Is the DECRUNCH function activated(DEFAULT=NO)?
- 1b. Which CPU do you use?
- 2b. Which FPU do you use?
- 3b. Which MMU do you use?

At the moment I only use the AttnFlags in Execbase (296(a6)) to test this stuff. If my new assembler arrives I am going to write an optimized check routine which executes some MMU and FPU commands. The assembler I am using at moment, does not support their instructions...

1.21 Menuerklärung

Beschreibung der Oberfläche

Sie können 2 große Boxen im oberen Viertel erkennen, welche wichtige Informationen beeinhalteten:

- 1a. Welche Kickstartversion wird verwendet ?
- 2a. Wohin zeigt das VBR ?
- 3a. Ist die FileID Funktion aktiviert ? (Grundeinstellung=Nein)
- 4a. Ist die Autokill Funktion aktiviert ? (Grundeinstellung=NEIN)
- 5a. Ist die Decrunch Funktion aktiviert ? (Grundeinstellung=NEIN).

Ich benutze z.Z. nur die AttnFlags aus der Execbase (296) um diese Werte zu erhalten. Mein derzeitiger Assembler hat Probleme mit der MMU und der FPU. Sobald eine neue Version, die richtig arbeitet, auf dem Markt ist, wird dieses Manko behoben.

1.22 SECTORCHECK

Sector Check:

Path 1:

First of all the Disk-Validator will be loaded and checked for viruses. This will be done under all Kickstarts and FileSystems. The following DOSTYPES will be supported:

- 1. DOS0 = old Slow File System
- 2. DOS1 = old Fast File System
- 3. DOS2 = SFS with international mode (Kick 2.00+)
- 4. DOS3 = FFS with international mode
- 5. DOS4 = SFS with international mode and Dircache (Kick 3.00+)
- 6. DOS5 = FFS with international mode and Dircache

Slow File System = SFS

Fast File System = FFS

At the moment there are more than 11 viruses known, which can infect the Disk-Validator:

- 1. Saddam Hussein 1+2+3+4+5+6 (No. 2 contains a new crypt-routine and No. 3-5 are only simple editor patches!)
 - 2. Return of the Lamer Exterminator (father of the Saddam virus?)
 - 3. Diskvall1234 (a Saddam clone)
 - 4. Risc Diskvalidator (also Saddam clone)
-

5. Saddam V1.29 & Laurien (changed Saddam][/ editor patches)

Known Damages:

All of this viruses can change the information of the tracks. The R.O.T.L.E. and the Diskvall1234 Virus can completely destroy the information in the sectors. I do not own the Diskvall1234 and RISC viruses, so if you have them please send them to me.

The Return of the Lamer Exterminator uses the OK Flag (Offset \$138 Rootblock) to be activated. VirusWorkshop deletes the virus and writes a normal validator on the disk. The changed flag will not be fixed because there can be other error on the disk, too. Simply reset your machine and load your workbench. Then insert the previous infected disk. Follow the instructions and your disk will be correct again.

Path 2:

All sectors will be loaded and checked for viruses. Damages caused by the SADDAM (+ clones) and by the LITTLE SVEN virus will be fixed. All other failures cannot be fixed. If a sector is a part of a very important file, you have bad luck. There is NO(!) way to rescue the file.

The damage caused by SHIT, Fast Eddie, Overkill, Crime92 and the Lamer Exterminator viruses cannot be fixed. All sectorbased routines cannot be 100 % secure on FFS because the sectordata can be equal to the data written by a virus! (This is not my fault! It is because of the new structures of this system!)

Saddam and it clones check the sector for the startmark "\$8". Then they write their special longwords (e.g. "IRAK) at this position and code (eor) the sectors with the sectornumber. The startmark"\$8" declares the sector in the SFS systems as a DATABLOCK. Please note that not all DATABLOCKS are changed! Only the first DATABLOCK of a file will be coded by SADDAM.

I have added a special routine which does not need the Disk-Validator to check a coded string. This routine does not care about the first longword in the sector. Hopy it all works fine now. All clones (e.g. Saddam][1.29) can be easily found and the damage can be repaired. I made this routine only work with DOS0 (OFS) disks because the Saddam Virus only works with this disks. This routine slows down the testprocess but it is really secure.

The Little Sven virus only exchanges the \$8 with a \$ABCD0008 longword. This damages can and will be fixed!

A routine is included, which checks the whole disk for invalid checksums and similar stuff. It can happen that a requester appears which says:

"SectorChecksum is not correct! Repair?"

You can now fix the block but remeber that there can appear problems, if you use FFS disks (DOS1/3/5). FFS sectors can contain the same data as the recognition mark from OFS and the viruskiller does not recognize it (a general problem several time discussed in various networks !).

If your working drive is a harddisc, VirusWorkshop checks the disc only for invalid checksums. This routine was only written to use it with floppydiscs. I can happen that you have a bugfree HD and VW claims to have found an unnormal sector. Better use DiskSalv by Dave Haynie to fix it.

At the last point of the second path there will be loaded the ROOT-block from your drive (DFX:) and it will be scanned for a changed pointer to the BITMAPBLOCK.

The SADDAM Viruses use this method to become installed !!!

Path 3:

The bootblock will be loaded and checked for viruses and tools/intros etc. Then please press the left mousebutton to come back to the main directory. Many guys (especially some foreign members of SAFE HEX INTERNATIONAL) asked me to write a public bootblocklibrary or to include a LEARN function in this viruskiller. I do not code such things because of the danger of MISUSE. Please understand me. I have too often seen some changed extern files from other wellknown tools.

I will never include any extern files for this viruskiller (except the decrunch and regtools Library). Even protections can be hacked and so I canceled this idea. The whole VirusWorkshop code is much harder to crack than a 50 KB nonpacked bootblocklibrary.

(Errare humanum est!)

Following programms will be recognized:

- 288+ bootblock viruses
- 460+ Utility bootblocks

1.23 SEKTORCHECK

Sektor Check:

Schritt 1:

Zuerst wird der Diskvalidator geladen und auf Virus untersucht. Dieser Vorgang wird bei allen Kickstartversionen durchgeführt.

Folgende Dos bzw. Disktypen werden unterstutzt:

1. DOS0 = altes langsames Filesystem
2. DOS1 = altes schnelles Filesystem
3. DOS2 = langsames Filesystem mit internationalem Modus (Kick 2.+)
4. DOS3 = schnelles Filesystem mit " (Kick 3.+)
5. DOS4 = langsames Filesystem mit internationalem Modus und DirectoryCaching.
6. DOS5 = schnelles Filesystem mit internationalem Modus und Directorycaching.

Zur Zeit sind mehr als 11 Viren bekannt, die den Diskvalidator infizieren können.

Schäden:

Alle Diskvalidatorviren können die Informationen der einzelnen Sektoren verändern. Der Revenge of the Lamer Exterminator und der Diskvall234 Virus zerstören Sektoren so, daß sie nicht wieder repariert werden können. Ich suche dringend nach dem RISC Virus.

Schritt 2:

Jeder Sektor wird einzeln geladen und auf Viren und Fehlern bei den Sektorchecksummen untersucht. Schäden der Saddam Viren und des XCopy 6.5 Viruses (Little Sven) können repariert werden. Fehlerhafte Checksummen werden auf Wunsch von VirusWorkshop auch entfernt. Sektoren, deren Dateninhalt verändert wurde (z.B. vollständiges Überschreibung durch das Wort "LAMER"), können NICHT restauriert werden.

Schäden der folgenden Viren können NICHT restauriert werden:

-SHIT
-FAST EDDIE
-OVERKILL
-CRIME 92
-Lamer EXTERMINATOR
-BURN 1+2

Alle Sektorroutinen können NIEMALS 100% sicher bei FFS Disketten sein, da der Sektorinhalt den Daten eines Virus vergleichbar sein kann.

Saddam und die Clones suchen in dem ersten geladenen File nach der Sektormarke \$8. Dann wird eine spezielle Sektorkennung (z.B. IRAK) an das erste Langwort des Sektors geschrieben. Die Marke \$8 besagt, daß es sich bei dem Sektor um einen Datablock handelt. Nur der 1. Datablock eines Files wird von Saddam Viren codiert. VirusWorkshop

testet aber jeden Block auf eine mögliche Veränderung.

VirusWorkshop verfügt über eine spezielle Sectorroutine, die nicht auf spezielle Langworte an erster Stelle des Sektors testet. Somit brauchen Sie keine Angst vor neuen Saddam Clones zu haben.

Der Little Sven Virus ersetzt die \$8 nur durch \$ABCD0008. Dieser Schaden kann von VirusWorkshop behoben werden.

VirusWorkshop verfügt über eine Routine, die die komplette Diskette auf falsche Checksummen testet. Es kann passieren, daß ein Requester mit folgender Meldung erscheint :

"SectorChecksum is not correct! Repair?"

Sie können diesen Schaden beheben, aber bei FFS Disketten besteht keine 100% Sicherheit. Ich würde in solchen Fällen immer zu Disk-Salv von Dave Haynie (11.27 oder höher !!!).

Als letzter Teilschritt wird er Rootblock der Diskette geladen und auf Veränderungen des Saddam Viruses untersucht.

Schritt 3:

Der Bootblock wird geladen und untersucht. VirusWorkshop verwendet keine externen Bootblockbibliotheken!!!!

(Errare humanum est!)

Folgende Programme werden erkannt:

- 288+ Bootblock Viren
- 460+ Bootblöcke mit kleinen Hilfsprogrammen.

Der Sektorchecker wurde getestet mit:

- GVP Serie II Controller im A4000+A2000 (MC68030+MC68000)
- Oktagon Controller im A4000/A2000
- MultiEvolution 2.2 im A500(+)
- Evolution 3.0 on A2000+A3000
- GVPs Combo 2
- normaler AT controller in dem A4000/A1200

Folgende Festplatten wurden verwendet:

- Quantum ELS+LPS
 - Maxtor
 - HP
 - Fujitsu AT
 - Syquest 105 SCSI
-

1.24 SECTORCHECK

Sector Check:

Path 1:

First of all the Disk-Validator will be loaded and checked for viruses. This will be done under all Kickstarts and FileSystems. The following DOSTYPES will be supported:

1. DOS0 = old Slow File System
2. DOS1 = old Fast File System
3. DOS2 = SFS with international mode (Kick 2.00+)
4. DOS3 = FFS with international mode
5. DOS4 = SFS with international mode and Dircache (Kick 3.00+)
6. DOS5 = FFS with international mode and Dircache

Slow File System = SFS

Fast File System = FFS

At the moment there are more than 11 viruses known, which can infect the Disk-Validator:

1. Saddam Hussein 1+2+3+4+5+6 (No. 2 contains a new crypt-routine and No. 3-5 are only simple editor patches!)
2. Return of the Lamer Exterminator (father of the Saddam virus?)
3. Diskvall1234 (a Saddam clone)
4. Risc Diskvalidator (also Saddam clone)
5. Saddam V1.29 & Laurien (changed Saddam][/ editor patches)

Known Damages:

All of this viruses can change the information of the tracks. The R.O.T.L.E. and the Diskvall1234 Virus can completely destroy the information in the sectors. I do not own the Diskvall1234 and RISC viruses, so if you have them please send them to me.

The Return of the Lamer Exterminator uses the OK Flag (Offset \$138 Rootblock) to be activated. VirusWorkshop deletes the virus and writes a normal validator on the disk. The changed flag will not be fixed because there can be other error on the disk, too. Simply reset your machine and load your workbench. Then insert the previous infected disk. Follow the instructions and your disk will be correct again.

Path 2:

All sectors will be loaded and checked for viruses. Damages caused by the SADDAM (+ clones) and by the LITTLE SVEN virus will be

fixed. All other failures cannot be fixed. If a sector is a part of a very important file, you have bad luck. There is NO(!) way to rescue the file.

The damage caused by SHIT, Fast Eddie, Overkill, Crime92 and the Lamer Exterminator viruses cannot be fixed. All sectorbased routines cannot be 100 % secure on FFS because the sectordata can be equal to the data written by a virus! (This is not my fault! It is because of the new structures of this system!)

Saddam and its clones check the sector for the startmark "\$8". Then they write their special longwords (e.g. "IRAK") at this position and code (eor) the sectors with the sector number. The startmark "\$8" declares the sector in the SFS systems as a DATABLOCK. Please note that not all DATABLOCKS are changed! Only the first DATABLOCK of a file will be coded by SADDAM.

I have added a special routine which does not need the Disk-Validator to check a coded string. This routine does not care about the first longword in the sector. Hope it all works fine now. All clones (e.g. Saddam][1.29) can be easily found and the damage can be repaired. I made this routine only work with DOS0 (OFS) disks because the Saddam Virus only works with these disks. This routine slows down the test process but it is really secure.

The Little Sven virus only exchanges the \$8 with a \$ABCD0008 longword. This damage can and will be fixed!

A routine is included, which checks the whole disk for invalid checksums and similar stuff. It can happen that a requester appears which says:

"SectorChecksum is not correct! Repair?"

You can now fix the block but remember that there can appear problems, if you use FFS disks (DOS1/3/5). FFS sectors can contain the same data as the recognition mark from OFS and the viruskiller does not recognize it (a general problem several times discussed in various networks!).

If your working drive is a harddisc, VirusWorkshop checks the disc only for invalid checksums. This routine was only written to use it with floppydiscs. It can happen that you have a bugfree HD and VW claims to have found an abnormal sector. Better use DiskSalv by Dave Haynie to fix it.

At the last point of the second path there will be loaded the ROOT-block from your drive (DFX:) and it will be scanned for a changed pointer to the BITMAPBLOCK.

The SADDAM Viruses use this method to become installed !!!

Path 3:

The bootblock will be loaded and checked for viruses and tools/intros etc. Then please press the left mousebutton to come back to the main directory. Many guys (especially some foreign

members of SAFE HEX INTERNATIONAL) asked me to write a public bootblocklibrary or to include a LEARN function in this viruskiller. I do not code such things because of the danger of MISUSE. Please understand me. I have too often seen some changed extern files from other wellknown tools.

I will never include any extern files for this viruskiller (except the decrunch and regtools Library). Even protections can be hacked and so I canceled this idea. The whole VirusWorkshop code is much harder to crack than a 50 KB nonpacked bootblocklibrary.

(Errare humanum est!)

Following programmes will be recognized:

- 288+ bootblock viruses
- 460+ Utility bootblocks

1.25 DateiCHECK

Die LinkViren Suchfunktion:

Beim Start dieser Funktion wird zuerst ein englischer Text auf dem Bildschirm eingeblendet, der mitteilt, daß die Zeichen // beim Filecheck nur bedeuten, dass ein Unterdirectory NICHT voll ausgedruckt wurde, da der Name unter Umstaenden zu gross fuer den Bildschirm geworden waere. Natuerlich werden diese Unterdirectories sauber durchsucht !

Zuerst wird das angewählte Laufwerk getestet:

1. Ist die Diskette bzw.die Harddisk validiert ?
2. Schreibschutz ?
3. Ist der BitmapZeiger korrekt? (Saddam virus...)

Es kann passieren,daß folgende Mitteilung erscheint:

"Use TrackCheck and DriveInfo first. Dir is not correct!"

Diese Mitteilung erscheint nur,wenn der BitmapZeiger und/oder das Validierungsflag des Rootblockes nicht korrekt ist.Ein falscher Bitmapblockzeiger kann repariert werden.

Danach wird jedes File geladen und auf Viren getestet.Wenn ein Virus gefunden wurde,erscheint eine Mitteilung,die Ihnen die Wahl läßt den Virus zu entfernen oder fortzufahren.Es werden mehr als 200 Linkvirus/trojanische Pferde etc. erkannt.

Wenn Sie den Filetest abbrechen wollen, dann drücken Sie bitte die linke Maustaste. Die letzten Files laufen dann sehr schnell durch (ohne Test etc.) und VirusWorkshop stoppt.

Wenn ein Virus gefunden wurde, dann müssen Sie möglicherweise die Startup-Sequence ändern, da ein Virus unter Umständen in dem File eingetragen war und jetzt, da er nicht mehr vorhanden ist, zu einem Abbruch führen kann.

DMS Check

Diese Funktion ermöglicht es dem User ein DMS Archiv auf das aktuelle Laufwerk zu entpacken und die Diskette danach gründlich zu testen.

Nichts Außergewöhnliches ? Sie müssen nur einmal am Anfang den DMS Pfad einstellen und danach nur noch das gewünschte Archiv auswählen. Gedacht für Sysops oder Trader, die Ihren neuen Programme nur schnell testen wollen.

Achtung ! Für diesen Vorgang benötigen Sie den DMS Packer. Damit ist nicht die DMSWin Oberfläche gemeint, sondern nur der eigentliche Packer. VirusWorkshop stellt dem Packer ein eigenes Fenster zur Verfügung. Sollte der Speicher knapp werden, wird das normale Ausgabefenster benutzt.

VirusWorkshop arbeitet auch mit gesplitteten Archiven. Diese dürfen nur in 2 Teile geteilt sein (Wer teilt seine Archive in größere Teile ?)

Das File wird von VirusWorkshop immer als komplette Diskette gesichert. Benutzen Sie danach einen DMS Splitter...

Comment 16.11.1993: VirusWorkshop arbeitet sauber mit den neuen DMS Updates von BLACKHAWK/PDX !!!

Leider arbeitet VirusWorkSHOP nicht mit den DMS Versionen oberhalb V2.0, da eine Eingabe im Fenster erwartet wird, die ich nicht liefern kann.

Filereq

Wenn Sie eine einzelne Datei testen wollen, dann ist dies die richtige Funktion für Sie.

1.Convert : Bootjob 1.3 Dateien werden in normale Bootblöcke zurück

konvertiert.

2.SingleDir: Mit dieser Funktion können Sie ein einziges Directory untersuchen (z.B. C:). Allerdings müssen Sie eine Datei in dem zu untersuchenden Directory anklicken, was aber nicht zu schwer sein sollte.

3.SingleF : Wenn Sie eine Datei selektieren, wird diese untersucht. Wenn Sie nur ein Verzeichniss auswählen, wird dieses Verzeichniss untersucht. Es wird nur dieses Verzeichniss untersucht und keine Unterverzeichnisse.

* Mit Bootjob können Sie normale Bootblöcke in normale Files umwandeln.

1.26 FILECHECK

The File/Link/Trojan Check:

At the start of the filecheck, there appears a message saying, that -> // <- means a not printed (but checked) subdirectory. Nowadays the filenames (including pathnames) become very long and I had to cut it a little bit to have enough space on the screen.

First of all the choosen device will be checked:

1. Is it validated?
2. Is it write enabled?
3. Is the BitmapPtr correct? (Saddam virus...)

It can happen that the following message appears:

"Use TrackCheck and DriveInfo first. Dir is not correct!"

This message only appears if the BitmapPtr and/or the VALIDflag (\$138) is not correct. A wrong Bitmap pointer caused by Saddam can be fixed, of course.

Every file will be loaded and scanned for viruses. If a virus was found a little message appears on your screen. You can destroy/fix all known link viruses and trojan horses. Over 200(!) species will be recognised. What do you want more?

If you want to stop the filetest, then simply press the left mousebutton. The last files of your directory become printed very fast on the screen and then the programm stops.

If a virus was found, please check the startup-sequence because it can be possible that you have to fix it: A line has to be deleted...

This function includes a multicheck. Wait, I will explain it to you:

The virus "Revenge of the Lamer Exterminator" (a species, which is not a real link virus like IRQ -> it does not add a hunk etc. to the infected file!) is infected 5 times by the IRQ-II virus. VirusWorkshop will ask you 5 times to kill the "IRQ" virus and as a last step it'll ask you to kill the "Revenge of the Lamer Exterminator" virus. It should work all correct by now. If you have problems, call me!

The Repairroutine for viruses, which add a hunk to the file, is a standart routine. Some viruses (CCCP,QRDL etc.) have wrong infect routines. That means that many files, which are infected with the above listed viruses, does not work. VirusWorkshop is not able to make this programm work again.

DMS Check

This option enables you to depack a DMS archive to a disk and to check the disk for viruses.Nothing special you may say.BUT you have only to specify the file you want to check and the dest. drive.At the start you have (only at the first start) to specify where the original DMSpacker can be found !Very usefull for SYSOPs and other person, who just want to check their new files and does not want to leave the VirusWorkshop.

ATTENTION: The DMS packer (and not DMSwin) is needed. This packer is not included in the VirusWorkshop archieve. VirusWorkshop has been tested with DMS1.11, DMS1.11+, DMS 1.53, DMS 2.02 & DMS 2.04. The output window for the DMS information is a special CON window, if you have enough free memory. If your free memory is too low, then the original WB output window will be used(or the CLI window, if you start the VirusWorkshop from your CLI).

VirusWorkshop recognizes both,splitted and complete archieves.If it detects a splitted archive it will ask for a second time for a name from an archive.I think this is enough. Who splits a normal DMS archieve in more than 2 parts ? Nobody I think.

The corrected and repacked archive will contain the whole disk and not only the splitted disc.Use a splitting archive after working with VirusWorkshop.

Comment 23.07.1993.:I have added an OWS checker,too.OWS is a diskwarper like DMS.This routine does not support singlediscs or such comfortable stuff.If you have once selected the DMS archiever it is too late.The DMS archiever will be used always.OWS is not

often used on BBSs (at least I did not see one packed OWS file) but some users asked me to include this.

OWS is copyrighted by M.Pendec (Creativ Productions).
The actual version of OWS is 1.2c (08.08.1993.)

Comment 08.08.1993: I heard about problems with decrunching DMS files. I am using the DMS V1.11 Turbo Generic and it is working perfect.

Comment 16.11.1993: VirusWorkshop works perfect with the new DMS updates by BLACKHAWK/PDX. I am very sorry, but the new DMS 2.0x versions can't be used at the moment, because DMS wants to have an answer in the window, which I cannot produce.

Filereq

If you just want to test a single file, this is your right funtion. You can select, what to do.

1.Convert : Bootjob 1.3 files will be reconverted to normal bootblocks and you can save the bootblock as a normal 1024 byte long file.

2.SingleDir: Now you can check a singledirectory without subdirs etc. in a very easy way: Just click into the directory you want to check and click on one file. Then this directory will be checked.

3.SingleF : You select a filename and this file will be scanned for viruses. If a virus was found, you can repair/delete the file, if you want to do this.

3a (VW2.4 and higher!): SingleF: You select only a directory and all files in the directory will be checked.

* Bootjob is a tool which can write bootblocks to disks as files, sectors and as a normal executable file. A virus can be saved as a normal file and can be given to other person and no viruskiller will find it. USE IT WITH CAUTION !!!!

1.27 MemoryCHECK

Die Speicher-Kontroll Funktion:

Folgende Pointer werde untersucht:

- fast alle Offsets der Exec & Dosbase
- die komplette Zeropage & Vectorpage
- Interrupts und Server

Sie können weiterhin Devices, Ports, Libraries, Tasks, Ressourcen und Semaphoren testen. Diese Funktionen sind NICHT in der eigentlichen Speicher-Kontroll Funktion eingebaut, sondern müssen extra gestartet werden.

Weißer Schrift bedeutet IMMER, daß in Ihrem System einige Vektoren NICHT in ihrem normalen Zustand sind. Zögern Sie nicht, verbogene Vektoren zu löschen. Es werden zwar auch alle Patches entfernt, aber Sie können auch fast sicher sein, daß sich kein Virus im Speicher befindet.

! VirusWorkshop erkennt nicht alle Viren mit Namen im Speicher !
Sämtliche neuen Viren ab 1.1.1994. sollten aber sauber im Speicher mit Namen erkannt werden. Ältere Virenanpassungen werden in Stücken nachfolgen...

~Erkannte~Patches~(englisch)~

1.28 RAMCHECK

The Memory Check Function:

The following things will be checked:

- everything in ExecBase (library)
- everything in DosBase (library)
- Interrupts and Servers

You can also check devices, ports, libraries, tasks, resources and semaphores. These functions are not included in the RamCheck, however, in the same menu. The RamCheck function is the most important thing. All vectors in white letters are important. If you use SetPatch or similar stuff do not wonder about the high amount of changed vectors in Exec and Intuition. These functions are not printed in white letters!

IF WHITE LETTERS APPEAR, YOU SHOULD USE VECTORKILL!!!

If only one white text appears which says "Caused by explode.libs", then don't worry. It is caused by the explode.library, a decrunching library for the great Turbo Imploder. Make sure that you only use version 6 and higher. Many bugs have been fixed and

the accelerator card problems does not exist anymore.

All interrupts will be shown (zeropage and vectorpage). Several viruskillers only test the zeropage. There are some clever viruses, which do not touch the zeropage but modify the vectorpage. VirusWorkshop will show you both types!

VirusWorkshop does not know all viruses by name in RAM. If you see some white letters, just kill it. It does not destroy your system.

Attention:

Comment 24.01.1993: I have included a little "REKICK" test. All kickfiles should be detected by now. Note that I cannot give you in this way the 100% security because nearly all vectors point in the memory.

THIS FUNCTION CAUSES ENFORCERHITS BECAUSE IT READS THE ZEROPAGE & THE VECTORPAGE. THERE IS NO WAY TO SOLVE THIS PROBLEM. LIVE WITH IT OR LET THE VIRUSES STAY ALIVE. ALL OTHER VIRUSKILLERS CAUSE SUCH ENFORCER HITS, TOO.

If the ENFORCER is running, you \$64 vector in the vectorbase is not correct. You can kill it but then is ENFORCER dead,too.

Comment 31.03.93: I have heard some rumors that a new Enforcer (37.36) is on the market right now. This version does not touch the \$64 vec.!!

Comment 18.04.93: I have finally recieved Enforcer V37.36 and my Enforcer does touch the \$64 vector. Two versions in circulation ?

~Recognized~patches~

1.29 Patches

The following patches will be recognized from VW:

- CPUClr 3.1 by P.Simon: It is patch for a GFX BLIT function, which makes the processor (only usefull for 68030&68040) make the work,

because it is a lot faster than the good old BLITTER.

- Switch NTSC by M.Kamper: This is a patch for the Int.OPENSREEN function under Kickstart 2.xx.

- PatchAsm 1.0 by Flake/D-TECT: It is patch which changes a special byterow, which will be written from the ASM-One 1.15 release (TFA).

- Enforcer V37.28/36/39/49/52 by M.Sinz :Nothing more to say about this great debugger tools. The recognition code takes the \$64

vector in the vectorpage, which will be changed by ENFORCER.

- Explode Library by J.A.Brower : This library patches the LOADSEG and in newer releases the NEWLOADSEG vectors in the Doslibrary. All with IMPLoder crunched files will be automatically decrunched.

- Segtracker by M.Sinz : This is a special tool for the ENFORCER friends of you. Changed offsets are (NEW)loadseg and Unloadseg. Segtracker 37.55 will be detected now, too (37.55).

- Selfdefender 0.900 by ?? : This programm is mainly used by BBS owners. It patches some vectors which can (will) be used at a system failure (GURU). The GURU does not appear because the SELFDEFENDER resets your machine. All programs, which use the normal system requester routines crash. VW does not crash because of the use of the reqtools.library.

- Action Replay IV Software Update by Blackhawk/Paradox. This is a software update from the AR-III eprom software. Now it works with the A1200/A4000.

NOTE: This programm is not a real update by Datel. When will come your update ?

- DosTrace 1.0 & 2.0 by Peter Stuer: This is a programm like SnoopDos. It requires at least 512 KB memory and Kickstart 2.04. Over 10 vectors will be patched as default from DosTrace. VW rewrites the complete library vectors and not only the 10 patched vectors.

- DosTouch 1.x : This is a SnoopDos clone like DosTrace. This patch will be removed correctly and only the patched vectors will be restored.

- NewAlert by Brian Gontowski: This patch installs a new ALERT-routine, which shows the user more informations than the real ALERT routine. Many Errors etc. will be shown. This tool is Kick2.++ only. The following vectors will be changed by this tool:
Kicktagpointer, Kickmempointer & Kickchckpointer...

- Degradar 1.60 by Chris Hames: This tool enables the user to run many systemfriendly programs, which does not want to work with AGA Amiga computers. You can emulate the PAL mode and other very interesting things.

The changed Coldcapture Vector will be rewritten...

- Virus Interceptor 1.14 by J.Eliasson: An antivirustool, which patches the LOADSEG & NEWLOADSEG vectors. Works with Kickstart 3.0.

Comment 16.11.1993: Fixed for version 1.15 !

- PPLoadseg 1.4 by Nico Francois: This tool patches the LOADSEG-vector and enables the user to use transparent PP data files. VW can rewrite the original LoadSeg vector.

- PowerData 38.200 by Mr.Berg: This tool makes the PP data files completely transparent. The datafiles can be loaded and decrunched.

On the other hand the normal datafiles can be crunched while saving them. The following Dos vectors will be changed:

DOS Open, DOS Close, DOS Examine, DOS Write ...

VW can only rewrite ALL vectors...

- Dircache 1.02 by L.Wolf: This tool is a diskcaching programm. It patches the BeginIO Vector of the specified device. Sometimes VW can recover the original value. In all other cases, VW tries to recover all vectors.

- RT Patch 1.1 & RT Patch 1.2: You should only use the newer & better version 1.2 of this programm. It patches several library, so that the REQTOOLS Library will be used.

- Syndicate Coder Patcher 37.18: This is a little tool, which installs a little patch in DosRead & DosWrite to (de)code the file, which is going to be accessed. Very positive that this tool can remove itself by the "r" option.

- ReqChange 3.2 by ??? : This is a very useful patch, which changes all types of requesters to the reqtools requesters. VW will rewrite the patch for OldOpenLibrary, because some viruses use this vector, too.

- Messkill Repair 0.9 by ?? : This is a little repairprogramm for damages caused by the ELEN! virus. This patch is not systemclear and not so well coded. Please delete it !

1.30 Supported_Screen_Resolutions

Supported Screen Resolutions

IMPORTANT: If you have an AMIGA 4000 with a 1084 monitor or a similar monitor, which does not work with higher AGA modes then please clear all monitordrives (except PAL and NTSC) in your directory sys:devs/monitors.

You cannot use other resolutions ! Think about buying a better monitor ! This "bug" appears with other programs, too.

(This text was copied from the great VT docfile !)

You can select all modes starting with 640*256. The height MUST be higher equal 256 pixels and the width MUST be higher equal 640 pixels/row.

The selection will be done via the preferences editor !

Name from the Preferencesfile: env:VW.Prefs

~New~Preferencesfilestructure~

1.31 ScreenModi

Unterstützte Screenauflösungen:

Wichtig: Wenn Sie einen A4000 mit einem 1084 Monitor (oder einem ähnlichen Gerät) benutzen, dann löschen Sie bitte alle Monitor-treiber aus dem devs/monitors Ordner bis auf PAL und NTSC. Andere Modi können Sie mit einem solchen Monitor so oder so nicht benutzen !

(Diese Textpassage wurde von dem großartigen VT Dokument kopiert!)

Alle Auflösungen ab 640*256 werden unterstützt. Die Auswahl der Auflösungen erfolgt im Preferences Editor !

Name der Preferencesdatei: env:VW.Prefs

~New~Preferencesfilestructure~

1.32 Boot->File

Die Bootblock zu File Funktion

Achtung ! Das aktuelle Laufwerk MUß DFx sein !

Der Bootblock wird geladen und danach als File auf Diskette gesichert. Diese Funktion arbeitet unabhängig von der DOS Version und kann sowohl 1024 als auch 2048 Byte lange Bootblöcke bearbeiten.

Normalerweise sind Bootblöcke 1024 Byte lang. Wenn Sie eine Disk haben, die direkt aus dem Bootblock startet (z.B. Pinball Fantasies oder fast alle Spiele von Psygnosis oder das Demo "Voyage" von Razor), kann es ganz sinnvoll sein, 2048 Bytes zu sichern. Viren, wie z.B. der OVERKILL Virus überschreiben nämlich auch die Sektoren 2-3 und der Lader versagt und es kommt in den meisten Fällen zu einem Systemabsturz.

1.33 BOOT_TO_FILE

The Bootblock to File Function:

Note: The working drive must be DF0:, DF1:, DF2: or DF3:!

The bootblock (BB) will be loaded and then saved to disk. This function supports all FileSystems and works with 1024 / 2048 byte long bootblocks.

The normal situation is that you only have to save 1024 bytes. If you have a disk, which loads directly from the bootblock (e.g. all Psynosis games or trackloader demos e.g. Voyage/Razor 1911) it could be useful if you save 2048 bytes. If a virus like 'OVERKILL' copies the first 1024 bytes into sector 2-3, the data in this sectors are destroyed and the loader can crash.

1.34 FILE_TO_BOOT

The File to Bootblock function:

Note: The working drive must be DF0:, DF1:, DF2: or DF3:!

A chosen file will be loaded and checked for DOSx. If everything is correct, the bootblock will be written to disk.

1.35 File->Boot

Die File zu Bootblock Funktion

Achtung ! Das aktuelle Laufwerk MUß DFx sein !

Das selektierte File wird geladen und auf "DOS " gecheckt. Wenn es korrekt ist, wird es als Bootblock auf die Diskette geschrieben.

1.36 BB_Installation

Die Bootblock Installierungsfunktion:

Bitte beachten Sie, daß das aktuelle Laufwerk DFX sein MUß!

Sie haben die Möglichkeit einen normalen Bootblock und einen sog. MYSTIC Bootblock zu installieren. Danach werden Sie nach dem gewünschten Filesystem gefragt.

ACHTUNG! Wenn Ihre Diskette im FFS formatiert ist, müssen Sie natürlich auch FastFileSystem (FFS) wählen, da sonst das Betriebssystem nach dem nächsten Reset von einer falschen Filesystem-version ausgeht und es zu folgenschweren Fehlern kommen kann.

Wenn Sie ein Kickstart 3.xx System verwenden, dann werden Sie

noch gefragt, ob Sie den internationalen Modus (mit Dircaching) benutzen möchten.

Beispiel: Sie wollen auf einer DOS1 Diskette (FFS) einen neuen Bootblock installieren ! Sie müssen dann bei der Installation unbedingt darauf achten, dass Sie

1. FastFileSystem angeben
2. Kein internationales Filesystem benutzen
3. Kein Dircache benutzen !

Im anderen Falle kommt es zu Fehlern auf ihrer Diskette, da die Daten nicht verarbeitet werden können.

1.37 INSTALL

The Install function:

Note: The working drive must be DF0:, DF1:, DF2: or DF3:!

You have the choice to install a normal Bootblock and "MYSTIC" bootblock. Then you will be asked for the filesystem. If you have a disk, which is formatted in FFS, you should use the FastFileSystem (FFS).

If you have the new Kickstart 3.xx system then you will be asked if want to use the international mode. This mode is an improved filingsystem (better errorcorrections/blockstructure).

The "D-TECT" bootblock enables you to kill all viruses in memory. This bootblock was especially written for the use with the older Kickstart 1.x versions. Under Kickstart 2.x and higher you should only use the normal bootblock because the "D-TECT" bootblock uses a direct ROMjump (\$fc0000), which crashes under Kickstart 2.x.

Comment 25.07.1993.: The "D-TECT" bootblock was replaced by a MYSTIC bootblock with the same functions. It's new that the BB clearly performs a RESET on OS2.x & OS3.x AMIGAs. Due to the fact that I don't have a hardware register listing of the AGA chips, the BB will have a non complete Copperlist and shows you only garbage. If it happens, at least one of your vectors is changed.

Comment 26.07.1993.: The new "MYSTIC" bootblock contains no direct hardware access. It uses only INTUITION Library functions and it perfectly works on all MC680X0 and on ECS, AGA and on the normal chipset.

1.38 BB_Erstellung

Die Bootblock Erstellungsfunktion

Bitte beachten Sie, daß das aktuelle Laufwerk DFX sein MUß!

Stellen Sie sich folgende Situation vor:

Sie haben eine kleine Datei (max.954 Bytes lang), die zudem auch noch komplett PC relativ programmiert ist und Sie wollen nun dieses Programm aus dem Bootblock heraus starten.

Was tun, wenn man kein Wissen über den Bootblockaufbau hat ?

Benutzen Sie einfach diese Funktion !!! Ein Dateirequester erscheint und Sie können das zu ladende File aussuchen. Danach wird der Datei der nötige Bootblockcode hinzugefügt und auf Diskette gespeichert. Fertig.

Diese Funktion ist sinnvoll für Personen, die kleinen Utilities im Bootblock unterbringen wollen (als Beispiel).

1.39 MAKEBB

The Make BB function:

Note: The working drive must be DF0:, DF1:, DF2: or DF3:!

Just imagine the following situation:

You have a little file (max. 954 Bytes long), which is completely PC relativ and you want to start this program in the bootblock.

What to do?

Simple use the "MAKE BB" function. A file requester appears and you can choose the file to load. You need not to write any routines, which execute the bootcode. This function makes all for you. Simply follow the given instructions.

This routine only supports the 1024 byte long bootblocks because it is too dangerous to write 2048 bytes, if you not know, what is on the blocks 2-3.

1.40 SHOW_Startup-Sequence

The Show S.Seq. function:

You can show the Startup-Sequence. It can be very important in some cases. Example: Viruses like the Disaster Master 2 Virus write "cls *" in the first place of the Startup-Sequence. This virus can easily detected by this function. I have missed this function in most other viruskillers.

1.41 Zeige_Startup-Sequence

Die Anzeigefunktion für die Startup-Sequence:

Diese Funktion zeigt Ihnen die Startup-Sequence. Dadurch können Sie in vielen Fällen leicht Viren erkennen.

So schreibt der Disaster Master 2 Virus folgenden String an die erste Stelle der Startup-Sequence:

"cls *"

1.42 Kickstart-Auszug-Sicherung

Die Kickstartsicherungsfunktion

Diese Funktion erlaubt dem User die wichtigsten Vektoren aus Dos Library, IntuitionLibrary, Zeropage, ExecLibrary und aus dem TrackDisk Device herauszusichern. Jeder Block ist 2 Kilobyte lang. Mit anderen Worten: das komplette File ist 10 Kilobyte lang.

Auf diese Weise kann ich VirusWorkshop schnell an neue Kickstart-versionen anpassen.

Speicherblock:

| | |
|-------------------|-------------------------------|
| dos.library | -\$400 - +\$400 = \$800 bytes |
| intuition.library | -\$400 - +\$400 = \$800 bytes |
| zeropage | \$000 - +\$800 = \$800 bytes |
| exec.library | -\$400 - +\$400 = \$800 bytes |
| trackdisk.device | -\$400 - +\$400 = \$800 bytes |
| | ----- |
| | \$2800 (10240) |

Wenn Sie diese Funktion benutzen wollen, stellen Sie sicher, daß keine Vektoren verbogen sind !!! Sehr wichtig !!!

1.43 KICKSAVE

The Kicksave function:

This function allows you to save the most important things in the DosLibrary, IntuitionLibrary, Zeropage, ExecLibrary and of the TrackdiskDevice. Each block is \$800 bytes long. This means that the whole file is 10 kilobyte long. This function is only implented, if you use a new Kickstart version (e.g. OS41.115).

I can update the killer in this way very fast and easy.

Memblock:

| | |
|-------------------|-------------------------------|
| dos.library | -\$400 - +\$400 = \$800 bytes |
| intuition.library | -\$400 - +\$400 = \$800 bytes |
| zeropage | \$000 - +\$800 = \$800 bytes |
| exec.library | -\$400 - +\$400 = \$800 bytes |
| trackdisk.device | -\$400 - +\$400 = \$800 bytes |
| | ----- |
| | \$2800 (10240) |

If you use this function make sure that the SetPatch command is not running and tools like the explode.library are not in the system because you would get too many changed pointers and this values are not useable ! It is the best to use the programm directly after the Systemstart.

Note for Programmers: Not all the vectors will be rewritten. I save only such a high amount of bytes to have an advantage for the future viruses.

1.44 AUTOMEMKILL

AutoVektorkiller(Preferences Menu):

Wenn Sie diese Funktion aktivieren, wird vor den meisten Funktion erst der Speicher von Viren befreit.

1.45 AUTORAMKILL

AutoRamKill (Preferences Menu):

This Viruskiller tries to kill all vectors in RAM, when you selected a function. You can allow this by activating this. It is very important that you do this. This function is included because many guys work with Kickstart versions, which will only be loaded

in the memory. In such a case your system crashes, if AutoRamKill is activated.

1.46 EXPLODE

Explode (Preferences menu):

If you activate this function, the ExplodeLibrary V6 or higher will be deactivated as long as the VirusWorkshop is active.

Just imagine the following situation:

1. The Infiltrator Virus will be installed in the system.
2. The ExplodeLibrary will be installed.
3. Programms like XXXXX are now not able to find the virus(!).

Because of this fact I have included this function! Just start the Memorycheck function. In most times you will see that the LoadSeg Vector is changed. Now start this function and you will (hopefully) see that the LoadSeg Vector is pointing in the ROM. If not, just kill it. The ExplodeLibrary will be reinstalled with all correct values after you quit the VirusWorkshop.

Important:

This function only works with Kickstart version which are higher/equal to OS 2.04. Under older Kickstart versions there are the idiotic BCPL pointers in the RAM and I cannot give you real security if you use this function!

That means, that you cannot activate this function, if you use a RAM kickfile or the "explode.library" is not installed. If you use a tool like "MAPROM", which uses the MMU in your A4000 to make a new Kickstart resident you can use VW, of course.

Comment 06.04.1993.: Many peoply complain about the direct way of accessing to the system (all 2.x and 3.x kickstarts ALWAYS should stay at \$f80000. If you are a softwarepirate and use ZKICK etc., it is not our fault. If you have problems with it, just call me. A real Viruskiller has to go deep in the system because it has to fix a

of internal adresses because many pointers can be used by a virus .

1.47 IMplode

Explode (Preferences menu):

Wenn Sie diese Funktion aktivieren, wird die Explode Library V6 oder höher deaktiviert.

Stellen Sie sich folgende Situation vor:

1. Der Infiltrator Virus befällt das System.
2. Die ExplodeLibrary wird installiert.
3. Viruskiller wie BootX können den Virus nicht mehr finden .

Diese Funktion arbeitet nur, wenn die Explode Library den Loadseg Vektor verändert hat.

1.48 QUIT

Quit (General menu):

After you've started this function, you can leave the viruskiller. At first a little security box will appear, which asks if you really want to quit the programm.

Then the buffers (from RequesterLibrary, FileID- and Decrunch-Library) will be given back to system and all the allocated memory will be given back to the system.
(->Filebuffer!!!)

1.49 Laufwerkinfo

Laufwerks Info (HD Tools):

Es erscheinen einige wichtige Informationen über das aktuelle Laufwerk. Wenn bei Diskstate (Status) "Problems..." erscheint, dann sollten Sie unbedingt Sectorcheck und danach den DiskDoktor bzw. DiskSalv zu Rate ziehen.

Ein Weg, um an das Ziel zu kommen:

1. Take the RootNode pointer out of the DosBase (Offset 34)
2. Take the global DosInfo pointer out of the RootNode (Offset 24)
3. Take the DeviceListPtr out of the global DosInfo.

BE CAREFUL BECAUSE THERE ARE SOME bcpl POINTER HANGING AROUND!

Example in Assembler:

```

move.l    dosbase(pc),a6
move.l    34(a6),d0
move.l    d0,a0          ; Pointer to the Rootnode
move.l    24(a0),d0      ; Pointer to the global
                        ; InfoStructur
lsl.l     #2,d0          ; BCPL pointer *4
move.l    d0,a0
move.l    4(a0),d0
lsl.l     #2,d0          ; Pointer to Devicelist*4

move.l    d0,a0
move.l    40(a0),d0
lsl.l     #2,d0          ; Name of the Devices /
                        ; Volumes etc.*4
                        ; 1.Byte = Length of
                        ; string...

```

The most important values are:

| HEX. | DEZ. |
|-------|------|
| \$200 | 0512 |
| \$400 | 1024 |
| \$370 | 0880 |
| \$6e0 | 1760 |

When I tried to get the DosType out of the DosEnvec structure it appeared several times (under Kickstart 3.00) that the inserted floppy disk had always the DosType=0. It seems to be a bug in the DosLibrary or in the filing system. If you try to read the Dos=DiskType then you always get the right values...

This means that Kick3.00 is bugged in this part of the filing system, too.

Another example: You formatted a disk using Kickstart 40.55 with the following command: `FORMAT DF0 NAME: Leer FFS INTL`.

What happens? Dostype is 0 and Disktype is 3? Crazy, isn't it? (Tested on 25.07.1993. with an A4000/040 using Kick39.106)

1.50 DRIVEINFO

Drive Info (HD Tools):

Some important information will be given to the user about his actual selected drive. This routine is not written in the shortest and best way but it works and that is the most important point. If diskstate says "Problems..." then use (when using DFX) SectorCheck and afterwards the DiskDoctor from your workbench.

If you try it via DosInfo (Lock/Unlock) you can get problems. The right way:

1. Take the RootNode pointer out of the DosBase (Offset 34)
2. Take the global DosInfo pointer out of the RootNode (Offset 24)
3. Take the DeviceListPtr out of the global DosInfo.

BE CAREFUL BECAUSE THERE ARE SOME `bcp1` POINTER HANGING AROUND!

Example in Assembler:

```

move.l    dosbase(pc),a6
move.l    34(a6),d0
move.l    d0,a0                ; Pointer to the Rootnode
move.l    24(a0),d0            ; Pointer to the global
                                ; InfoStructur
lsl.l     #2,d0                ; BCPL pointer *4
move.l    d0,a0
move.l    4(a0),d0
lsl.l     #2,d0                ; Pointer to Devicelist*4

move.l    d0,a0
move.l    40(a0),d0
lsl.l     #2,d0                ; Name of the Devices /
                                ; Volumes etc.*4
                                ; 1.Byte = Length of
                                ; string...

```

Kickstart 1.2 has some strange bugs in the DeviceStructures. It can happen that the BootPriority is extremely high. It is caused by a bug in DOS. I will search for another way to find the right value!

Another bug: It can happen that your high cylinder is at a normal 880KB diskette \$370=880. This is caused by the operating system. At this routine all addresses are given as hex values.

The most important values are:

HEX. _____ DEZ. _____

| | |
|-------|-------|
| \$200 | 0512 |
| ----- | ----- |
| \$400 | 1024 |
| ----- | ----- |
| \$370 | 0880 |
| ----- | ----- |
| \$6e0 | 1760 |
| ----- | ----- |

When I tried to get the DosType out of the DosEnvec structure it appeared several times (under Kickstart 3.00) that the inserted floppy disk had always the DosType=0. It seems to be a bug in the DosLibrary or in the filing system. If you try to read the Dos=DiskType then you always get the right values...

This means that Kick3.00 is bugged in this part of the filing system, too.

Another example: You formatted a disk using Kickstart 40.55 with the following command: FORMAT DF0 NAME: Leer FFS INTL .

What happens ? Dostype ist 0 and Disktype is 3 ? Crazy, isn't it ? (Tested on 25.07.1993. with an A4000/040 using Kick39.106)

1.51 FestplattenSUPPORT

Lese, Schreibe, Zeige den physikalischen Zylinder 0:

Es gibt einige Viren, die den RDB von Ihrer Festplatte zerstören. Warum ? Entweder mit Absicht, oder sie testen nicht, ob sie das TrackDisk.Device gepatcht haben. Was passiert, wenn Sie mit dem "scsi.device" schreibend auf Block 0 einer Festplatte zugreifen ? Der RDB wird zerstört und die Festplatte nach einem Reset erst einmal unbrauchbar.

```
Read  = Erstelle eine Sicherheitskopie des RDB.
        (Bitte auf eine einzelne Diskette!)
Write = Schreibe die Sicherheitskopie zurück auf die HD.
Show  = ASCII Darstellung des RDB
```

Benutzen Sie diese Routinen nur, wenn Sie kein spezielles Programm für solche Fälle direkt von Ihrer HD Herstellerfirma haben. BSC gibt (ALF/OCTAGON) ein sehr gutes Programm mit. (Dies ist als reines Beispiel zu verstehen!!!)

Hier eine Liste von Viren, die den RDB vernichten können:

-Crime92 1+2, Overkill, ByteBandit, Zenker1+2, Burn 1+2

und weitere...

Da ich von dem DMU ausgehen muß, habe ich die Funktion "Zeige Physikalisch 0" mit dem Device "RAM:" gesperrt.

Logfile

Diese Funktion erlaubt es, ein Protokollfile auf einem beliebigen Laufwerk anzulegen. Alle Ausgaben auf dem Bildschirm (keine Requester) werden in dieses File geschrieben. Wenn Sie das Logfile wieder schliessen wollen, einfach ein 2.mal auf LOGFILE klicken. Ansonsten wird das Logfile automatisch beim Ende von VirusWorkshop geschlossen.

1.52 HDSUPPORT

Read, Write, Show physical cylinder 0:

There are lot of viruses hanging around which destroy the RigidDiskBlock of your HD. Why? They do not recognize that they do not use the "trackdisk.device". What happens, if they write using the "scsi.device" on the bootblock? They get the physical block of your device and destroy it. When using harddisks you surely know that the RDB is in the physical block 0. Your hd becomes unuseable. How good, if you saved the physical block 0. This function will do excatly this!

Read = Backup physical cylinder 0 to a safe disk.
Write = Restore physical cylinder 0.
Show = Comparable to the 'ASCII Dump' but you have more sectors to watch.

Especially the Read/Write parts of this routine should only be used, if you have not a special programm from your HD producer company which is surely better customized for your HD. BSC (Oktagon / ALF) is for example such a company which gives you an excellent tool to save your RidgidDiskBlock block!

List of some viruses, which can detroy the physical block 0:
-Crime92 1+2,Overkill,ByteBandit,Zenker1+2,Burn 1+2
and more...

Based on some quite crazy users, I had to prohibit the use of the function "Show physical 0" with the device "RAM:".
(Vielen Dank Laserdance !)

Logfile

Do you want to have a logfile containing all actions of VW, which will be printed on the screen ? We want it. Simply start this option and select a filename. The logfile will be closed by starting again the logfile option or at the end of VirusWorkshop.

1.53 CRUNCHER

The following crunchers will be recognized:

(even some more but not listed)

| | |
|---------------------------|-------------------------|
| PowerPacker 2.x | PowerPacker 3.0 |
| Imploder 1.0-3.1 | Imploder 4.0 |
| Titanics Cruncher 1.1 | Titanics Cruncher 1.2 |
| TNM Cruncher 1.1 | PowerPacker 4.0 |
| PowerPacker 4.1 | PowerPacker 4.2 |
| PowerPacker 4.3b | PP 4.0 Library |
| DragPack 1.0 | DragPack 2.52 |
| Master Cruncher 3.0 R | PackIt 1.0 |
| TurboSqueezer 8.0 | Lib Imploded |
| CrunchMania 1.4 R/N | CrunchMania 1.4 R/S |
| CrunchMania 1.6 | CrunchMania 1.8 |
| Crunch O Matic 1.0 E | PP 3.0 Overlayed |
| PP 3.0 Password | PP 4.0 Overlayed |
| PP 4.0 Overlay/Lib | PP 4.0 Password |
| PP 4.0 Password/Lib | Black&Decker 2.0 |
| ByteKiller 2.0 | ByteKiller 3.0 |
| CrunchMania 1.4 A/N | High Pressure Cruncher |
| RSI Packer 1.4 | Master Cruncher 3.0 A |
| Time Cruncher 1.7-2.2 | TFA Cruncher 1.54 |
| Turtle Smasher 1.3 | Turtle Smasher 2.00 |
| TetraPack 2.1 | TetraPack 2.1 Pro |
| TetraPack 2.2 | TetraPack 2.2 Pro |
| DefJam Cruncher 3.2 | DefJam Cruncher 3.2 Pro |
| Defjam Cruncher 3.5 & 3.6 | Compacker 4.2 |
| Crunch Master 1.0 | HQC Cruncher 2.0 |
| MaxPacker 1.2 | Mega Cruncher R |
| ReloKit 1.0 | StoneCracker 2.70 |
| StoneCracker 2.70 K | StoneCracker 2.99 |
| StoneCracker 3.00 | StoneCracker 3.10 |
| Super Cruncher 2.7 | Syncro Packer 4.6 |
| TryIt 1.01 | Ultimate Cruncher 1.16 |
| TSBs Ultimate Packer 1.1b | Imploder 1.0-3.1 P |
| Imploder 4.0 | LHA archives-1.42e |
| DMS files -1.12 | ZOOM files -5.4 |

| | |
|------------------------|--------------------------|
| Powerpacker Data Files | Skid Row Warper 2.0 |
| Skid Row Warper 1.1 | RAP!TOP!COP! V1.0-1.2 |
| Crystal Warper 2.0B | Phil Douglas Warper 2.0B |
| N.O.M.A.D. Warper 1.3 | N.O.M.A.D. Warper 5.1e |

The power results mainly from the use of the faboulus "xfermaster.Library" by Georg Hoermann. This fine piece of code is public domain. In the VirusWorkshop package is version 33.20 of the library included. Newer versions of the library bring you even more recognized crunchers.

This library is able to decrunch most above listed filetypes. I have included a function called "Decrunch" in the PREFERENCES menu to able/disable the decrunchroutines. If you have activatet this function every relocatible crunched file will be decrunched. Please note that decrunching will take some moments on slow 68000 AMIGAs .

Special note from Georg about the library and the library package:

This library and all documentation/include files are Freeware!
Use it in your programs, spread it around the world, do whatever
you want with it, but don't change or sell anything without asking
him before. For bug reports/suggestions contact him at:

Georg Hoermann
Am Lahnewiesgraben 19
8100 Garmisch-Partenkirchen
GERMANY

If you use the decrunch.library in your own programs,
please state in your documentation that it is written by Georg.

If anybody has the time and knowledge to write some 'C', Modula or
whatever include files, send them to him and he'll release them
together with the assembly include.

Special fileformats, which will be recognized:

TXT2Exe by Oliver Wagner:

This is a little tool, which creates from a normal textfile an
executable file, which can be started from CLI/SHELL.

N.O.M.A.D. Warper 6.0 (Ixxxy-TRSI version):

This is an enhanced version of the warper 5.1e, which supports
XPK and other nice stuff.

N.O.M.A.D. Warper 5.1e:

This is a diskcompressing utilitie like DMS.It is a lot slower but
it WARPS the tracks.If necessary, the tracks will be nibbled. I
think it is a tool from crackers but it appeared on some german BBS
and so I decided to include it.

There is a write included in this archiv...

Testlongwords: "Warp v1.1" Position: 0-7

N.O.M.A.D. Warper 1.3:

This is a diskcompressing utilitie like DMS.It is a lot slower but
it WARPS the tracks.If necessary, the tracks will be nibbled. I
think it is a tool from crackers but it appeared on some german BBS
and so I decided to include it.

Testlongwords: "NOMADWAR" Position: 0-7

Prorunner V1.0 & V2.00:

Prorunner is a utilitie, which converts the original Protracker
format in an own format, which can be replayed a lot faster. I had
only 1 checkmark (the .SNT/SNT!) and therefore it can come to some
misunderstandings.

Protracker:

All normal modules from Protracker 1.1-3.00 should be detected.
The support for the new fileformat from the Cryptoburners tracker
(Protracker 3.0xb) will come, if I see the first module done with
this tool.

Xlink 3.00:

This is a utilitie which enables the user to link 2 executable file
together. A very fine tool. But imagine the following situation:
One of the linked files contain a virus!

VirusWorkshop asks you if you want to delete Xlink files. If you want to be clever then do the following things:

1. Copy the XLINK file to a separate disk and start the file. Then start the VirusWorkshop and look at the vectors. If the memory was clear before starting the Xlink file and now it is incorrect then you should clear the file because there could be a virus in it.

Such utilities should always contain a viruschecker, which checks the chosen files for linkviruses.

Comment 22.3.93.: The Dial2.8g Virus is a Xlink 3.00 file !!!

signed,

Markus Schmall

(23.03.1993)

1.54 HISTORY

VirusWorkshop Version 4.6 final:

> VirusWorkshop 4.6 is only for Kickstart 2.04 and higher.

> It is not allowed to put VirusWorkshop on S.H.I. discs !

> Spreading VW on SHI BBS is allowed !

Hiermit verbiete ich, Markus Schmall, Mallander Computersoftware VirusWorkshop zu vertreiben !!!!

Don't try to crunch VirusWorkshop. It's already crunched !

- All the files in the VirusWorkshop distribution became too long, so I have powerpacked the document called VW-Viruses.Guide. Please use a PowerPackerpatcher, decrunch the files to another disk (using Xfd, which you can find in this distribution in the C directorie) or use MultiIndicator from the AmiNet. Thanks.

The german legends are back to bring you another new version of VirusWorkshop...

Happy new year ! Again a year has gone and it was quite good...

NEWS:

- Added recognition code for the "SSII" trojan (06.12.1994)
- Added recognition code for the Pestilence virus (9.12.1994)
- Concerning Polygonifrikator linkvirus: Please read the document for a situation change ! Thx
- Added some more decruncherslaves for the XFDmaster library. Thanks must go to Fashion/SB for sending this slaves.
- If you use a softkicked new Kickstart version and VW wanted to show you all the changed vectors, it came to problems. Fixed (12.12.1994)
- Stringlength correction was down. Fixed (12.12.1994)
- Added some more decruncherslaves from the new XFDpackage (1.07) by Georg Hoermann.
- Now you can check bootblocks, which stay as files on any device using the singlefilecheck option (AMIGA+v) (Dec.'94)
- Emacs/TRSi optimized some intern routines and made some things smaller. Thanks a lot !
- The internal securitycheck let pop up a requester in the Polygonifrikator linkvirus repairroutine. Now fixed (Dec'94).
- Added recognition code for the FINAL OS3.1 version for the A1200. Special thanks to Fischer Hard & Software for this support (27.12.1994)
- Based on the high amount of memoryusage for the maindocument, I decided to split the maindocument. "VW-Virus.guide" contains now all descriptions of the known viruses (Dec'94)
- Added recognition code for the DMS 2.06 trojan (4.1.1995)
- Speeded up some checking routines (Jan'95)
- Added recognition code for the Surprise Formatter Trojan (4.1.1995)
- LAST minute bug found on 6.1.1995: If you readprotected your file, VirusWorkshop crashed some files later. Now fixed. Special thanks to FRED for let me use his computer (world of specialities and incompatibilities)....Thanx Joe !
- Added recognition code for the Copy_LX trojan (7.1.1995)
- Optimized filechecker: Previously files with a blank char in the name could be not checked ! Fixed now. Special thanks to Ingo Schmidt for hint (7.1.1995).
- Bugfixed Stringcorrectionroutine again (skipped some chars at the end very often) and put some more "intelligence" in it. Thanx Ingo Schmidt (7.1.1995)
- Bugfixed bootblockcheck option for the filetest (7.1.1995)
- optimized some intern routines to save some rasterlines (7.1.1995)
- "Actual drive" gadget is now a little bit more flexible. It scans the max. x-range and tries to become larger, if possible (8.1.1995).

Markus

VirusWorkshop Version 4.3 final:

> VirusWorkshop 4.3 is only for Kickstart 2.04 and higher.

> It is not allowed to put VirusWorkshop on S.H.I. discs !

[illegible][illegible][illegible][illegible]

VirusWorkshop Version 4.0 final:

```
> VirusWorkshop 4.0 is only for Kickstart 2.04 and higher.
```

```
> It is not allowed to put VirusWorkshop on S.H.I. discs !
> There are two exceptions:
> Lars Kristensen and Jan Bo Andersen ( SHI Center in Denmark )
```

Hiermit verbiete ich, Markus Schmall, Mallander Computersoftware
VirusWorkshop zu vertreiben !!!!

Don't try to crunch VirusWorkshop. It's already crunched !

!!!! Based on serious problems with the new reqtools library (2.2b) on some systems, I have included my reqtools preferences file and the original 2.2b preferenceseditor for reqtools in the

package !!! If VW crashes right at the start (at the Continue or at DriveChange), then install the included preferencesfile in ENVARC: and in ENV: and reset your machine and try it again. Problems seem to appear only at regtools 2.2b with fully booted system. All routines work, if you disable the startup and then starts VW. In my opinion, this are internal problems in the regtools library. Another possibility is to reinstall 2.2a or 2.1 !!! I have changed some intern routines right now, and hope that it's a workaround for the problems with it.

NEWS:

- Recognition code for Amiga Fanatic Bootblockvirus added.
 - Recognition code for Rootformatter DV Virus added.
 - Screenmode part in the editor and in the preferences optimized: Only GUI modes will be displayed now. Thanks Kai Haseloh for the hint.
 - It was possible to activate a sectorcheck on a Ram disk. Fixed now. Again thanks to Kai Haseloh.
 - Sometimes you could press at the filerequesters "CANCEL", but the function continued. Fixed right now. Thanks to Kai Haseloh for this hint.
 - FileID Library will now closed again. Sorry, but now FINALLY fixed. Thanks Ingo Schmidt !
 - DMS Check Window was too little and had problems with KingCon. Hopefully fixed all problems with it. Thanks Kai Haseloh.
 - DMS overwrote without a requester a disc. I have now added a little requester for it. Idea by Kai Haseloh. Thanks again !
 - Improved the locale files again.
 - Added swedish translation for VirusWorkshop by Tauno Pinni. Special thanks to you !!!
 - Added recognition code for the Polyzygotronifikator Linkvirus.
 - If you selected DriveChange and canceled the requester, no actual drive was shown. Fixed right now. In this case it will be set to DF0. Thanks Ingo Schmidt.
 - Some clones from old viruses added, which were already recognized.
 - Fixed DiskType recognition problems. This problems were caused by the INFODATABLOCK, which was located only at a word aligned adress. Special thanks to Juerger Dreyer for this hint !
 - Added new version of ReqTools Library (2.2c=38.1266).
 - Added recognition code for the JizAnsi virus (13.08.1994)
 - Added recognition code for the Look! BBS virus (14.8.1994)
 - Added recognition code for the Sumpf Gag programm (14.08.1994)
 - Optimized recognition code for the NorthStar 1 BB virus, as a result the East Star (NorthStar 1 Clone) will be now recognized, too.
 - Added recognition code for the EastStar installer (15.08.1994)
 - Rewrote FileCheck routine again to fix a little "bug" in it. You could not check properly RAM: and CD0: and I fixed the problem with the help of the megamighty Ingo Schmidt. Many thanks Ingo !
 - Several new recognition routines for system patches included...
 - Added recognition code for the Decompiler Virus (18.08.1994)
 - Optimized again the routines from the filechecker. Special thanks to the almighty Ingo Schmidt for all his help and hints. Now the filechecker is faster and much more secure (19.08.1994)
-

Tristar & Red Sector inc.'94 - Back to the roots

[illegible]

- Fixed resolution bug: VirusWorkshop screen was always opened with the coordinates X*X ! (10.07.1994)
- Added recognition code for the Lamerfry 1.3b virus (12.07.1994).
- Added support for the official Kickstart 3.1 A4000 & A2000/A500 releases from Village Tronic and C=. Thanks again for the fast supply, Holger ! (15.07.1994)
- Added recognition code for Doom Virus + Installer (16.07.1994)
- Added recognition code for the Lamerkiller Virus. (16.07.1994)

Markus

Tristar & Red Sector inc.'94 - Back to the roots

[illegible]

Expect to see somewhere in August/september a special VirusWorkshop package, which will include a BBS viruskiller for the fantastic AmiExpress system (3.++). Some BBS specific stuff will be developed by Christian Kleinfeld, the other code from me.

[illegible][illegible][illegible]


```

\___ \ensuremath{\lnot}\___ \ensuremath{\lnot}\ \ensuremath{\lnot} \leftarrow
  } \ / - \___ \ensuremath{\lnot}\ \___ \ensuremath{\lnot}\ \___ \leftarrow
    \ensuremath{\lnot}\ \___ \ensuremath{\lnot}\ \
      / / \ / / \___ - \ / / / \ / \ / \
      / / - / / \ / / / / - / - \ /
      / \ / \ / \ / \ / \ / \ / \ / \
      \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
\___ \ensuremath{\lnot}\ \___ \ensuremath{\lnot}\ \___ \ensuremath{\lnot}\ \cdot NL \leftarrow
  / - \___ \ensuremath{\lnot}\ \___ \ensuremath{\lnot}\ \ / - \ensuremath{\lnot} \leftarrow
    } \___ \ensuremath{\lnot}\ \___ \ensuremath{\lnot}\ \___ \ensuremath{\lnot} \leftarrow
      } \
        / \ / \ / \ \ / \ / \___ - \ / \ / \___ \ / / / \ / \ / \
        / - / \___ / / / \ / \___ / \ / \ / / / \ / - \ /
        / \ / \___ / \ / \___ / \ / \___ / \ / \___ / \ / \
        \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
=+ \===== / \===== / \===== / \===== + =
.: \_.: : : : : / \.: /.: \.: : : : : : / \.: /.: \.: /.: \.: : : : : :
.: : \.: / \.: /.: \.: : : : : / \.: /.: \.: /.: \.: \.: : : : : :
.: : \.: /.: /.: \.: : : : : \.: /.: \.: : : : : \.: \.: : : : :
.: : \.: /.: \.: : : : : \.: /.: \.: : : : : \.: \.: /.: : : : :
=+ ===== \ /===== \ /===== \ /===== + =

```

VirusWorkshop Version 3.5 final:

> VirusWorkshop 3.5 is only for Kickstart 2.04 and higher.

> It is not allowed to put VirusWorkshop on S.H.I. discs ! <
 > There are two exceptions: Jim and Becky Maciorowski (ex. SHI USA) <
 > and Lars Kristensen and Jan Bo Andersen (SHI Center in Denmark)

Hiermit verbiete ich, Markus Schmall, Mallander Computersoftware
 VirusWorkshop zu vertreiben !!!!

Don't try to (de)crunch VirusWorkshop. It's decrunchprotected and
 is already crunched !

- Added LHA Checker 1.1 BBS Trojan virus. Thanks must go again to VirDown! for this great support !
- Added MST Vec formatter viruses (2 pieces).
- Fixed Infiltrator Virus recognition routine to work together with \$3f1 and \$3e8 hunks. Now it should work ! Thanks Ingo Schmidt for the hints !
- Changed intern packerformat from ScrunchPro to CrunchMania 1.91r.
- Added TAI-13 and Sphinx Bootblock viruses. Thanks must go again to VirDown! for his everlasting support.
- Optimized the Pref-Editor a lot ! Thanks must go to Vasco Steinmetz


```

o _____ o
| _____ | |
0 \ _____ 0 | | _
\ o _____ o o _____ o _____ o o _____ | | | / \
| | / | | | | | \ | / / | | | | | \ | | | | / | o / |
| \_ | | | | | o / |_/ \_ |--| | | _/ | | | | / | | \ '---'
\ | | | \_ ' | \ | \ \ | | \_ ' | | | | / | | \ _____/ | !
| _____/ \_ ' | | | | | | i/ i ;-----/ \_ '
\-----/ \_ ' | | | | 0 0 |
+-----+

```

VirusWorkshop Version 3.4 final:

> VirusWorkshop 3.4 is only for Kickstart 2.04 and higher.

> It is not allowed to put VirusWorkshop on S.H.I. discs ! <

> There are two exceptions: Jim and Betty Maciorowski (ex. SHI USA) <

> and Lars Kristensen and Jan Bo Andersen (SHI Center in Denmark)

If you want to contact me via modem, then you should call

BoardName: Chaos Line

(official VirusWorkshop Support BBS !)

USR Dual Standard 16.8 Modem

Tel.: ++49[0]572374340

Username: VW

Password: VW

The VirusWorkshop conference includes all important information for you. My user handle is "Flake/TRSI". Every user of a high-speed modem gets a very good connect (14400+).

If you want to know some other BBS numbers, read the contact chapter !

ToolManager Users please read the STARTERPROBLEMS Guide file !

VirusWorkshop NOW supports the new XFDMaster Library by Georg Hoermann. XFDMaster is the new highly optimized decrunch library !

AAARG: I got at the end of february (22.2) a call that a german PD-distributor sells VW and other viruskillers for 29 DM. This is not the right way. The firma sells the program at a not acceptable price. The sold version version is V2.2, which is VERY old. If you see an

announcement in big german AMIGA magazines saying : Direct out of the hackerscene etc... and the sellersname starts with Mall..... you think on the right person.

Nocheinmal in deutscher Sprache und klar verstaendlich:

Hiermit verbiete ich, Markus Schmall, Mallander Computersoftware VirusWorkshop zu vertreiben !!!!

Don't try to (de)crunch VirusWorkshop. It's decrunchprotected and is already crunched !

- Optimized the intern codes: VirusWorkshop is now about 90 KB shorter ! This was caused by a totally new rewritten directory-scanroutine. Special thanks have to go to Olaf "Olsen" Barthel for some ideas for doing this job in assembler(recursive!).
 - Added recognition code for DAG Installer, Datalock 1.01, Datalock 1.02 viruses. Special thanks go to Krzysztof Klos for sending this pieces.
 - Added Saddam 2, Saddam 4, Saddam 7 (Saddam clones with new crypt routines !). Special thanks go again to Krzysztof Klos for sending this viruses !
 - Added memorykillroutine for BURN2 ! Fixed routine for BURN1 !
 - Wrote repairroutine for BURN2 virus !
 - Fixed some problems with multiple links.
 - Added ToolsDaemon 2.2 Fake virus ! Special thanks go to VirDown and Ingo Schmidt for supplying me with this virus !!!
 - Added Mongo09.exe BBS trojan horse !
 - Added Mongo05.exe BBS trojan horse !
 - Added recognition code for SHIT! (=Nuked007) virus. Thanks must go again to Krzysztof Klos !
 - Wrote memorycheckroutine for ToolsDaemon 2.2 fake virus !
 - Added recognition code for Segtracker 37.55 by M.Sinz...
 - Added recognition code for TAI-11 (Compuphazygote Clone). Thanks must go to VirDown for sending me this virus !
 - Added some more german strings to the locale file !
 - Added recognition code for Syndicate Coder Patcher !
 - Added recognition code for the Digital Dream Installer. Thanks must go to Jan Bo Andersen for sending this virus !
 - Added support for the new XfdMaster Library by Georg Hoermann. Thanks again Georg for the fast supply with the AUTODOCS...
 - Added JINX bootblock virus ! Thanks must go to Soenke Freytag for sending this virus.
 - Added Tripple A Enhancer Bomb. Thanks again VirDown for the really great support.
 - Optimized some routines, which could cause problems, if you have activated the DECRUNCH option. Now it should be very safe (Thanks again for the GREAT xfdmaster.library to Georg Hoermann)
 - Changed VirusWorkshop status to ShareWare !
 - Fixed some routines again and changed the GUI a little bit (Vasco, VW3.4 WILL have more more userstyleguide-like GUI)
 - Checked the Loader trojan, which is a simple clone from the Modem-check virus. VW recognizes it as the ModemCheck virus. Thanks again Adrian Guelik for this virus.
 - Added a new reqtools library and a new FileID library.
 - Fixed some intuition routines...
-

DON'T TRY TO CHANGE TO VIRUSWORKSHOP MAINFILE. IT'S ALREADY PACKED
AND YOU CANNOT DEPACK IT. THE FILE BECOMES NOT SHORTER, IF YOU
CRUNCH IT AGAIN !!!!

News in VirusWorkshop 3.2:

- Added support for the "new" explode library.
- Added a little preferences editor. The structure of the prefs-file has been changed. Read this part in the guidefile.
- Added Fileghost Linkvirusrecognition & repaircode and fixed the recognition code for the installer.
- Added new ReqTools Library (V2.2)
- Completely rewrote the Drivechange function. Special thanks must go to Vasco Steinmetz for his really great help with REQTOOLS. Thanks again Vasco !!!
- Fixed some internal stuff. Special thanks must go to Agent Orange/MST for the hints (intuition.library).
- Optimized the code in several parts.
- Added Stockmarket virus (?)
- Added an AmiExpress Version, which contains several backdoors...
- Added BURN Virus Virus (READ Document!)
- Added VirusChecker 6.4 (Compuphazygote Fake) Virus (Thanks KARAM!)
- Fixed CCCP Recognition code (Thanks Martin !)
- Added Baltasar BB Virus (SCA Clone). Thanks again KARAM !!!
- Added TAI 10 Installer (Enforcer 37.76 Fake?). Thanks again KARAM!
- Added infected MUIGUI (Thanks again Martin !!!!)
- Added recognition code for Enforcer 37.55 by M.Sinz
- Added new FileID Library 4.1 (Thanks Oliver !!!!)
- Added support for the A4000 version of Kickstart 40.68
- Added Excreminator Bootvirus Installer
- Fixed a major problem in the memmonitor. Now the enforcerhits do not appear, if you select a vector, which points to 0 !
- Added support for the A3000 version of Kickstart 40.68. Thanks must go to Olaf "Olsen" Barthel for letting me test VirusWorkshop on his system...
- Added some CRC checkroutines. Thanks must go to Olaf "Olsen" Barthel for the CRC32 routines !

Tristar & Red Sector inc.'94 - Back to the roots

VirusWorkshop Version 3.1 final:

> VirusWorkshop 3.1 is only for Kickstart 2.04 and higher.

> It is not allowed to put VirusWorkshop on S.H.I. discs ! <
> There are two exceptions: Jim and Betty Maciorowski (ex. SHI USA) <
> and Lars Kristensen and Jan Bo Andersen (SHI Center in Denmark)

If you want to contact me via modem, then you should call

BoardName: N.A.S.A.

USR Dual Standard (including V.Fast!) Modem

Tel.: ++49[0]572374340

Username: VW

Password: VW

The VirusWorkshop conference includes all important information for you. My user handle is "Markus Schmall". Every user of a high-speed modem gets a very good connect (14400+).

Or leave me the "c" command a comment (to FLAKE).

- Added Fileghost Virus installer. Thanks must go to Ingo Schmidt for sending this one.
 - Fixed an Enforcerhit on a A3000 with a couple of installed patches and bootroms. The ZEROPAGE was completely empty and therefor VirusWorkshop forced a LONGREAD from \$0. Now it's fixed !
 - Added Fred Cohen Bootblock Virus (Thanks must go to Markus Pfeiffer for sending this virus).
 - Added ATARI (BSG9) filevirus. Thanks must go to Georg Hörmann for sending this virus.
 - Added Leviathan (Boot+File) Virus & ARTM Virus. Thanks must go again to Georg Hörmann for sending this virus.
 - Added ConMan (fake ARTM 2.3) BBS Virus. Thanks must go (again) to Georg Hörmann for sending this virus.
 - Fixed the installerscript. The script aborted, when you did not already have installed an older release of it.
 - Added recognition code for \$4eb9 linker clone.
 - Fixed a fu....ng problem with the A3000 40.62 kickstart version. I recieved some time ago a buggy (patched) Kickfile of it. I included it and on an AMIGA of a developer it crashed. Now I have taken the offsets from an official developer file ! Thanks O....
 - Added Asassin BB Virus, DTL(MTD) BB Virus, PAL BB Virus, PKK BB Virus, TAI-4 BB Virus, Bad Bytes Inc 1-5 BB Viruses. Thanks must go to KARAM for the really great support. Back on the stage....
 - Fixed the problem with the Kickstart 37.175 in the A3000. SPecial thanks must go to Dieter Siemens for reporting this and for the help.
 - Added some additional routines for 100% secure checking for the
-

- Crime'92 viruses. Special thanks must go to Soenke Freitag (University of Hamburg/ Virus Test Center) for hints and some tips.
- Fixed a gfx problem with the Infiltrator Virus: The pointer to the text was changed and you could not see the correct text. Thanks must go to Soenke Freitag for reporting this bug !
 - Added Dum<ii>Dum Bootblockvirus ! Thanks Ingo !
 - Added CLP_WOW.exe Virus in 4 (!!!) Versions. Read the documents for more info.
 - Added RAF and Khomeini Bootblockviruses. Special thanks go to Jan Bo Andersen (SHI Denmark) for sending this ones.
 - Special thanks must go to Flemming Lindeblad for the daenish translation from the catalog file. Many thanks...
 - Added VirusZ II 1.02 virus (Compuphazygote clone). Thanks again Karam !
 - Added BootX recoq update installer fake formatter virus. Thanks must go to Ingo Schmidt for sending this virus.
 - Added recognition code for WARP 5.1e by N.O.M.A.D.
 - Added M-WHO.lha /X backdoor. Thanks must go to Ruediger Everding for suplying me with this virus. Thanx Rudi... Moege die Schlammbowle fliessen....
 - Added merry.exe /X BBS virus. Thanks must go to Karam, Warhead/TRSI and NO LIMIT/TRSI&ILS for sending this virus.
 - Added XRipper (Lamerinstaller) and Vkill100 filevirus. Thanks must go to Georg Hoermann for sending this pieces..
 - Added UaDialer62 Virus. Thanks must go to Atomix for sending this virus.
 - Added VirusHunter joke file. Thanks again Georg !!!
 - Added Anim_demo.exe BBS virus. Read CLP_WOW.exe doc, too. Thanks again Atomix for this really fast support....

Tristar & Red Sector'94 - Back to the roots

Enough is enough: Since many months I am searching for the so called "4eb9" linker. The viruses: merry.exe, kairo.exe, m-who.lha and many others are created with this programm. The group GLOBAL OVERDOSE used this linker in their CLYSTRON trainer. Isn't it possible that I get this linker ?

VirusWorkshop - Alive and kicking...

VirusWorkshop Version 3.0 final:

> VirusWorkshop is now a T.R.S.I. production !

> KARAM! Bitte melde Dich bei mir ! Das Board ist ja derzeit
offline !

> VirusWorkshop 3.0 is only for Kickstart 2.04 and higher.
> It is not allowed to put VirusWorkshop on S.H.I. discs ! <

-Added SHI bootblock virus (Thanks KARAM for sending this one...)
This is a Australien Parasite Clone....
-Added VirusConset I,II and IIB viruses (Thanks again KARAM for
your really great support....)
-Added some patches
-Added LOCALE Support (I need translations for the following
languages: -french,-danish) Feel free to
contact me!!!
-Added recognition code for Peter Stuers LVD 1.75
-Added VIRI bootvirus (FICA clone).Thanks Karam !!!!
-Added some older viruses...
-Added Megalink virus (Thanks Ingo Schmidt for sending this piece..)
-Fixed some stuff...
-Hopefully fixed problems with NTSC AMIGAs. Use Virusworkshop with
option i0 -4/5 ! Read DOCS !!! Thx Jim Maciorowski...
-Added Bossnuke 1.5 virus ! Thanks must go to NO LIMIT/TRSI !!!
-Added Sepultura 2.26 virus ! Thanks must go to Ingo Schmidt for
sending this virus !
-Added 25 Bootblocks (utilities,intros). Thanks must go to ConTrol/TRSI
for sending this ones !!!
-Added VirusMaker 1.0 and ComaVirusinstaller. Thanks must go again
to Control/TRSI for sending this stuff...
-Added a little installerscript to install all the libraries...
-Added Ingo Virus (Zenker Clone). Thanks must go to Ingo Schmidt
for sending this piece.
-Added Digital Dream Bootblock Virus. Thanks must go to Ingo Schmidt
for sending this virus !

Tristar & Red Sector - Back to the roots

VirusWorkshop Version 2.6 final:

> VirusWorkshop 2.6 is only for Kickstart 2.04 and higher.

STEVE3003, please contact me ! Thanks !

(Not on Z-NETZ ! Voice or letter ! Or call Trade in Center or Nuclear Destroyer...)

- Added recognition code for PPLoadseg 1.4 by Nico Francois
- Added support for the FileID Library by Bloodrock/SDC.
(VW is now able to recognize more than 380 different formats)
- Added recognition code for Powerdata 38.200
- Added recognitioncode for MChat Virus
- Fixed problems with the new ReqTools 2.1f Library
- Added the new reqtools Library
- Added recognition code for VIHPS and Diskvall1234 viruses
(These viruses are not new but VW did not recognize it.Thanks must go to KARAM for sending this pieces.)
- Rewrote Vectorkiller and Sectorchecker.It should work now with all HD devices etc. and the vectorkiller should do it's work correct on Kickstart 2.04.
- Added Support for the A3000 version of Kickstart 40.62.
- Added support for the Commodore RAM Disk
- Added recognition code for Dircache 1.02
- Added recognition code for the new \$4eb9 Linker clone.
- Added recognition code for RT Patch 1.2
- Fixed a little problem with the window:It was no backdrop window.
(Thanks for this bugreport go to Agent Orange/MST)
- Added recognition code for N.O.M.A.D. warper 1.3
- New menus added: Document !
You can now ,if AMIGAGUIDE.Library,enough memory is avaible and the textfiles stay in the same directory like VW, read all documents from VirusWorkshop.
- Fixed problems with not giving free the memory, when starting from WB.Thanks must go Vasco Steinmetz.
- Added recognition/repaircode for the Dark Avenger Typ A Virus.
- Added recognition/repaircode for the Dark Avenger Typ B Virus.
- Added some clone BB viruses:Starcom 1-5,Irak 3,Mad 3B,Prima Vera & Grim Heaper (Thanks must go to Georg Hörmann for sending this viruses)
- Added ABC Virus(killer) BB,Electro Vision BB Virus, Exorcist(SATAN) BB Virus,Lame Game BB Virus, Starcom 6 (again thanks must got to Georg Hörmann for sending this ones.).
- Added aibon2 virus + the installer for it (Thanks again Georg!!!)
- Sectorchecker optimized again.It should now work with all sectorsizes (except 32 KB/blk).At least I hope so.
- Vectorkiller improved and fixed for COMBO-2 Kontroller (Thanks must go to Joachim Dort for reporting this bug and for letting me use his computer).
- Added a MicroSystems Clone BB (CBM) and PVL BB Virus (Thanks must go to Karam for his really great support !!!)
- Added 2 SCA clones (SCA-666,SCA-KarlMarx) and a TFC BB Clone (TFC 47.11) Again thanks for this viruses must go to KARAM !!!

VirusWorkshop Version 2.5 final:

-
- > VirusWorkshop is now a MYSTIC release <
 - > VirusWorkshop 2.5 is only for Kickstart 2.04 and higher.
 - > To the author of the August Releasecharts: You wrote that Mystic would release the same utilities every month. Yes this is true, but a viruskiller has to be updated every month to be actual.
P.S.: Nice charts !!!
 - Added recognition code for RTPatch 1.1a by Nico Francois.
 - Added REKICK test for the libraryoffsetprint (Thx Stöberhai).
 - Problems with MC68881&MC68882 text print fixed (Thx to Mike Volland & Peter Schulz).
 - Again fixed a memorycheck problem
 - Added XACA Virus (=Disktest) Thanks must go to Georg Hörmann for sending this virus.
 - The UserInterface was completely rewritten and is now styled with the GADTOOLS Library. Sorry Kickstart 1.x users, but VW is from now on a pure OS2.x program.
After 8 hours of coding, VW is now compatible to the C= User Style Guides..
 - Shortened code and rewrote some blocks (again 6-10 hours). VW is now 17 KB shorter....
 - Support for the Super72 Highres (800*300, AGA only) added.
 - Added recognition code for Degradar 1.60 by C.Hames.
 - Added checkroutine for OS versions. If you have only Kickstart 1.x, VW will quit automatically.
 - Added recognition code for Phil Douglass 2.0ß Warper
 - Added Support for the A4000 version of Kickstart 40.62
 - Added recognition code for Enforcer 37.52 by M.Sinz
 - Added recognition code for DosTrace 2.00 by Peter Stuer
 - Added recognition code for the Cruncherformat of Siegfried Copy 1.2
 - Added recognition code for VirusInterceptor 1.4 by J.Eliasson
 - Added a little memorymonitor (read the single "MEMMON.GUIDE")
 - Added recognition code for the A.I.S.F. Virus (Thanx must go to Ingo Schmidt for sending this virus).
 - Added some new intro/utilitie bootblocks
 - Speeded some internal routines in the filechecker. Now you have a little speedadvance: On a A4000/40 VirusWorkshop previously needed about 50 seconds for it's work on a 8 MB partition with a lot of files. Now it only needs 41 seconds. You must remember that on a MC68040 the clearroutine is running in the CACHE and is extremly fast executed. That means even more speed on a normal system.
 - Added the Aereg 3.9 virus (Thanks must go to ATOMIX for sending this virus!)
 - Fixed some bugs, which only occured on a MC68030 (Thanks Mike Volland)
-

VirusWorkshop Version 2.4 final:

> VirusWorkshop is now a MYSTIC release <

VirusWorkshop 2.4 is only for Kickstart 2.04 and higher. The next release will be probably again for Kickstart 1.x, too.

- I have added a DISKTYPE text in the DRIVEINFO menu. DiskType is not always the same as DOSType. It should work on all drives with a normal AMIGADOS format.
- New version of DosTouch (V1.4) added.
- Added recognition code for NewAlert by Brian Gontowski.
- Fixed problems with HD drives (Sorry)
- Added -z-speed.lha Virus (Description 4.0)
Thanx must go to Crackdown/Mystic for keeping this virus for me.
- Added KAKO Bootvirus + Installer (Thanx must go to KARAM for sending this stuff)
- Added new function in FILEREQ/SingleFile: If you select a file, only the file will be checked. If you select a directory, the whole directory will be checked.
- Spotted bug in the Kickstart 37.350 vectorkill option
- Changed Kickstart 37.300 vectorkiller
- Added Butonic 4.55 Virus (Thanks again, Karam !)
- Added SnoopDOS 1.9 virus (Thanks Atomix/Christian)
- Added recognition code for Enforcer 37.49

VirusWorkshop Version 2.3 final:

- WARNING: Do not use the DECRUNCH LIBRARY (DECRUNCH=ON), if you have only 1 MB memory. The library crashes at longer files. The recognition code for the PP 4.3b is not correct. Some files will be recognized as PP DATA but it are normal PP files.... The same problem occurs, if you have a long ANIM file (about 2mb, powerpacked) and you want to depack it with an AMIGA with 9 MB of memory.
- New version of the REQTOOLS Library added...
- New version of DosTouch added
- Bug in the HDSupport Routine partly fixed. You can now use the Filechecker without crashing your system. The sectorchecker should not be used for Harddrives.
- Bug fixed: You can now use the DMS Check for RADs, too. Thanks go to ATOMIX for the bugreport.
- Bug fixed: Example: You have a device called a and wanted to check the files in the directory Hilfe. Other file does not exist. VW2.2 stopped all actions because it thought (because of the short name), that no files existed. Fixed now. Thanx must go to ATOMIX.

VirusWorkshop Version 2.2 final:

- Sorry for the misunderstandings in version 2.1 with the 2 released

- archives. There was a strange bug in the VW21.lha archive which I found some minutes after release. Sorry.
- Added DMS check.
 - Added DosTouch (a little utilitie like SnoopDOS) to the archive.
 - Added Nano][Virus, Payday Virus, Multilator Virus, Cascade 2.1 Virus, Wahnfried Virus, Usr492 (Sentinel) Virus and XCOPYV2 virus.
 - Added Disktroyer2 virus
 - Added recognition code for DosTouch
 - VirusWorkshop recognizes now about 400 Utilitiebootblocks.
 - Added a new detectionroutine for a new cryptroutine from a Crime92 clone (?).
 - Added COMPUPhazygote 7 virus
 - Added Description4.0 virus
 - Added recognition code for DosTrace 1.0 by Peter Stuer
 - Fixed some bugs in the Filechecker.
 - Fixed some bugs in the Decrunchroutines...

VirusWorkshop Version 2.1 final:

-
- (released at 12.06.1993)
- Final code shortened (ca. 10 Kbyte) but after crunching the file is only 1200 bytes shorter.
 - Added recognition code for the Action Replay IV Software Update by Blackhawk/Paradox.
 - Added new BBS Virus, which is linked behind WHITEBOX.
 - Added Support for the A4000/A3000 version from Kickstart V40.55, which is (I heard it only) the final Kickstart 3.1 file.
 - Added a little text in the main menu which shows the user, if the "decrunch" mode is enabled or not.
 - Completly recoded the "Exec&Dos in Ram" routines. All should work now correct. Thanx must go to Hartmut Schulze.
 - Shortened code again (ca. 30 KBYTE). The kickstartmodules are now all packed with "SCRUNCHPRO" by 2-Cool/LSD. Thanks for the datadecrunch-routines....
 - Rewrote some of the memorykill routines. If you have a A600 with Kickstart 37.300 or 37.350 then please start VW and use the funktion "KICKSAVE" and save the first 512 bytes from your ROMs. I want to write a unique memorykill routine.

I am searching for SUPPORT mailboxes & BBSs.

VirusWorkshop Version 2.0b final:

Things added:

-
- Checkroutine for the avaible SCREENMODES.
 - LW Name does not say anymore "DF0: 6". Thanx must go to Martin Spaltner.
 - SCSI Virus will now be detected correctly. All "version" commands (RELEASE 40.1) are not infected but my checkroutine was too lousy.
 - Support for Kickstart V40.38 (A4000) added.
 - Optimized the Sectorcheckroutine. It is still not bugfree !
-

(Some drives may stop and you have to reset. Sorry but I cannot find this nasty bug!). On my machines (A500 with an Evolution 2.2 controller and an A4000) the sectorchecker works. If you add an extra harddrive (for example a GVP Series II controller) to the A4000 the extra SCSI harddrive cannot be sectorchecked (It crashes!). God knows why. I hope I have found the nasty bug quite soon.

- AmiPatch 1.0 added.
- If you have a NTSC Amiga then please start the VW with the option i0.VW will start in the INTERLACE mode and you can see all information at the bottom of the screen. Thanks for reporting this "bug" must go to Jim Maciorowski.
- Modemcheck Virus added.
- Some little code optimizations & bugfixing.
- Diskrepair BBS Virus added.
- General \$4eb9 linker search routine added.

VirusWorkshop Version 2.0a final:

Things added:

- Bestial Devastation Virus , FUCK Device Virus and DETLEF Virus added.
 - Support for the beta developer versions of Kickstart 39.116 & 40.9 for the A4000 added.
 - Diropus virus added. Thanks must go to Martin Spaltner for sending this virus.
 - OS2.0 Look added.
 - Added recognition code for the FFC/Skid Row warper V1.1 and V2.0 and for the RAP!TOP!COP! utilities from A.Sander.
 - Added recognition code for the OWS Packer by M.Pendec.
 - VirusWorkshop now tries to get the size of the Workbench and emulates it. (Idea by Karsten Weiss)
 - Shortcuts added in the menus (Thanks must go to Karsten Weiss).
 - Full HD Support in the Sectorcheck function!
 - Sectorchecker searches now for invalid checksums, too.
 - Recognition code for the Turtle Smasher 2.00 cruncher.
 - International Filesystem requester and Expansion Library requester added in the BootBlockInstall option.
 - Crime92 should be repaired now. I have tested it with about 20 files with different cryptoroutines and different structures.
If there occur problems with your infected file, please call me....
 - Four new bootblockviruses added: Angel, Influenza, Killed & Executors.
 - 12 new fileviruses added: Chaos Master, Commodore, NOGURU, Christmas, SmBX trojan horse, Beethoven , PStats , Telecom , MsgTOP , 2 versions of Devils BBS virus (ULOG/DLOG) and Swiftware 0.98.
Thanks must go to Georg Hoermann (VirusZ) for sending them.
 - Code shortened about 2000 bytes.
 - Recognition code for the Xlink 3.00 file linker.
 - Special routine to look for future coded sectors by future Saddam Disk-validators!
 - The documents were put in one file and converted to the AMIGA Guide format (but you can read it with a normal ASCII viewer, too).
 - Sectorchecker improved very strong: The Overkill Sector damage routine did not work properly and is fixed now.
 - LZ Virus recognition and repaircode added.
-

- added QRD 1.1 linkvirus RAM Check & File check routines!
- added a simple CPU/MMU/FPU Check (soon to be optimized!)
- the code was shorted & speeded a lot (about 2 KB)
- fixed some bugs which made the system refuse to work when the VBR was not ZERO under Kickstart 1.2. and Kickstart 1.3.
- fixed a silly bug which made the VirusWorkshop not detect any SADDAM Virus (at Sectorcheck) under MC68040. I forgot to use the Caches and the new COPYBACK mode correctly. Now fixed.
- VirusWorkshop now uses REQTOOLS Library 2.1. Under Workbench 2.1+ you will have now in the Filerequester your local language!
- optimized the low memory handling: The filebuffer will only be allocated, if you select the CHECK FILES function!

*

```

moveq    #0,d0
rts
EOF.
```

(c) 1994 by Markus Schmall

1.55 FUTURE

Ideas for the future:

- A requester which cancels special directories from checking files (FONTS: ENV: etc.) Idea by Martin Spaltner ! THX !

Do you have a special thing which I could include ? An unknow patch or a new virus ? Simply write to me !

1.56 FUTURED

Ideen für die Zukunft:

-Eine Art Voreinsteller, so daß man einige Directories vom File-check ausgeschlossen werden können.

Wenn Sie weitere Ideen haben... Ich bin immer offen für sinnvolle Vorschläge !!!!

1.57 Vectors

Hi Jörg ! Nocheinmal tausend Dank für den Kontakt zu ...
Wir wissen, wer gemeint ist (ja, Knacko und Laser auch).
Speziellen Gruss an meinen Lehrmeister in Assembler auf dem
AMIGA !

Ich bin auf das neue Intro gespannt....

1.58 HELLOS

Special regards and greetings go to:

Ingo~Schmidt

Jörg~Wabbel

Vasco~Steinmetz

Soenke~Freitag

J.Walker

Ixxxy/TRSi

Bloodrock

Dave~de~Pauw

Andreas~Weyert~&~Lars~Bennecke

Blind~Guardian/TRSi

Georg~Hoermann

Euronymous/TRSi

Danke für dir Warnung vor dem
ConMan LoadWB Virus !

Pius Nippgen

Danke für den netten Brief. Ich kann
Dich gut verstehen, daß es so nicht
geht.

Michael Sinz

For the megamighty ENFORCER

Ralf Thanner

Hallo Ralf ! Nettes Gespraech bei
der Rainbow Party. Wenn ich Deine
Adresse haette, wuerde ich mich
melden... Viel Erfolg mit den
Projekten...

| | |
|--------------------|---|
| Joachim Dort | Thanks for BETAtestings and
your help and computer !!!
(Das 9.Klasseanbaggersyndrom ist
hochgradig ansteckend.) |
| Steve3003 | Nice chat on Woc`93 !
Really cool comments in
Z-Netz/Rechner/Amiga/Viren !!! |
| Mike Volland | For all your support and hints...
Viel Erfolg mit dem neuen Haus !
"Socke" ist ja wirklich niedlich. |
| Tauno Pinni | For the swedish translation of
the VW.Catalog
Thanks a lot ! One day before
release I recieved your letter... |
| Flemming Lindeblad | For the translation of VW.catalog |
| Kai Haseloh | Depack! ist wirklich gut ! Wieso
soll ich das GUI optimieren ? Im
Vergleich zu meinem alten "STIL"
ist es doch schon ein großer
Schritt in die richtige Richtung. |
| Martin Berndt | In Bezug auf Viruskiller haben wir
ja absolut konträre Meinungen. Sonst
bist Du ein richtig guter
Programmierer.
MultiCX ist wirklich sehr gut... |

There's one person I DON'T want to thank:

* Erik Løvendahl Sørensen (you ALL surely know, why!?!)

1.59 GH

Danke für neue Viren, für die XfDMaster Library und für die
Gespräche/Briefe und
VZ ist einer der besten Viruskiller derzeit.

1.60 BG

Hi Blind Guardian ! (Wenn ich nur Deinen Realnamen wuesste).
Also vielen Dank fuer den Support. Der derzeit einzige TRSi

Member, der mich unterstuetzt. Den DMS 2.13 Fake haette ich ohne Dich NIE! mehr bekommen. Viel Erfolg in TRSi und mit TRIP TO NOWHERE....

1.61 SDC2

Hi Bloodrock ! Wenn ich doch Deinen Realnamen wuesste. Ich bin ja so vergesslich. Viel Erfolg mit der FileID Library.

Kannst mir ja mal eine Message auf der Chaos Line hinterlassen mit Deiner Tele und ich rufe Dich an (oder halt umgekehrt). Meine Nummer hast Du ja...

1.62 Osna

Hallo ! Die alte Osnabruecker Clique... Vielen Dank fuer den Support und die ganzen Meetings(Red Bull rulez).

1.63 LSD

Hi Dave ! The german post seems to forget some letters from me to you. I wrote you two times and no answer. Crazy. Are you still on AMIGA or pure consoles ? Greet Pazza from me ! Grapevine is cool !

1.64 An Ingo Schmidt:

Hi Ingo ! Vielen Dank für den wirklich großartigen Support und die ganzen Tips. Wenn Du nicht nur in Fernzone 3, von mir aus gesehen wohnen würdest, wäre es noch besser. Wenigstens die Telekom freut sich. Vielen Dank an meinen "Viruskiller" Vater !!!

Ohne Dich wären diverse Klippen im DOS nie von mir umschifft worden. Man denke nur an das Problem der ungueltigen Locks bzw. der Infodaten. Vielen Dank. Jetzt kann ich auch auf Eure Art Bier eingiessen...

1.65 An J.Walker:

Hi Mathias ! Schade, daß Du aufgehört hast. Trotzdem viel Erfolg mit Deinen Projekten. Es war eine gute Zeit mit Dir in TRSi (außerdem warst Du die einzige Person innerhalb von TRSi , die mir neue Viren ohne Aufforderung etc. zugeschickt hat!!!!).

1.66 Nextsys

Vielen Dank für Deinen ganzen Vorschläge. Ohne Dich würde VW anders aussehen. Viel Erfolg mit dem neuen Diskfile Device, dem Voxelspace Spiel auf unterster OS Basis und vor allen Dingen mit SpyDos !!! Ich will endlich eine Finalversion sehen ! Ähnliches wirst Du über den Prefseditor im VirusWOrkshop sagen ...

Comment 06.06.1994: Viel Erfolg im muendlichen ABI !

1.67 An Soenke Freytag:

Hi Sönke ! Vielen Dank für den Support und die gehaltvollen Msgs. im Z-Netz/Rechner/AMiga/Viren !!! Der Tag im VTC war eindrucksvoll. Zu dem Dark Avenger: Er ist polymorph, aber halt genau die andere Version !

1.68 Axnete

AmiXNet ist a network created between mailbox systems, which run under the fantastic AmiExpress mailbox system.

1.69 Axnetd

AmiXNet ist ein Netzwerk, welches zwischen AmiExpress Mailboxen installiert wurde. AmiExpress ist ein taumhaftes Mailboxsystem für den Amiga.

1.70 Kontakt-Adresse

Wie der Programmierer zu erreichen ist:

Wenn Sie Ideen, Fehlerbeschreibungen oder Viren haben, die VW nicht erkennt, dann setzen Sie sich bitte mit mir in Verbindung. Sie werden so schnell wie moeglich eine Antwort erhalten:

Markus Schmall
von Gravemeyerweg 25
30539 Hannover/Bemerode

Telefon: +(0)511 514944
(von 18.00 - 20.00)

Wenn Sie die aktuellste Version von VirusWorkshop erhalten wollen, dann schreiben Sie mir einfach. Bitte fuegen Sie einen frankierten Rueckumschlag bei und eine formatierte Diskette. Ich kann fuer Sie nicht Disketten oder fehlendes Porto bezahlen.

Achtung: Ich bin in keinster Weise an dem Austausch illegaler Programme interessiert. Ich habe immer wieder Aufforderungen mit eindeutigen Inhalt bekommen, die direkt in den Muelleimer wandern.

Die aktuellste Version von VirusWorkshop kann auf der PD Serie "TIME" der Firma APS Elektronik gefunden werden. Diese PD-Serie bekommt den Viruskiller IMMER DIREKT von mir, so daß schnellste Bearbeitung möglich ist...

VirusWorkshop sollte in aktuellen Versionen auf verschiedenen Mailboxen zu finden sein.

Das offizielle VirusWorkshop Support Board ist:

DALLAS BBS

USR V34 (FC) Dual Standard ++49[0]711588146

Dort finden Sie immer die aktuellsten Versionen diverser guter Viruskiller. Mein Username dort ist Flake. Wenn Sie Fragen etc. haben, dann scheuen Sie sich nicht, mich ueber diese Mailbox anzuschreiben.

Andere lohnende Mailboxen sind:

Nirvana BBS

| | |
|--------------------------|--------------------|
| USR V34 FC Dual Standard | ++49[0]511-9524227 |
| V32 bis Node | ++49[0]511-522809 |

Eine weitere sehr gute Mailbox ist die Box des Virus Test Centers der Universitaet Hamburg unter der Schirmherrschaft von Herrn Professor Brunnstein:

Tel.: ++[0]4054715235 (V32bis modem)

Meine Kontakadressen ueber Netzwerke, wobei der Internet Account bevorzugt wird:

M.Schmall@LDB.han.de (diesen Account lese ich taeglich, daher schnellste Antwort!)

oder

| Richtung | Adressierung |
|--------------------|---------------------------------|
| ~~~~~ | |
| Internet -> UNI Hi | : msch0091@rz.uni-hildesheim.de |
| AmNet -> DALLAS | : Flake;Dallas |
| Fido -> DALLAS | : Markus Schmall 2:246/1437 |
| Z-Netz -> DALLAS | : Flake%Dallas@AmNet.Zer |
| SevenNet -> DALLAS | : Flake%Dallas@AmNet |
| FastCall -> DALLAS | : Flake%Dallas |

CU l8er,
Markus Schmall

Die Internet Adresse sollte eigentlich auch ueber FIDO und Z-Netz
ansprechbar sein, denn es bestehen , soweit ich weiss, Gateways
in das Netz an der UNI.

Tristar & Red Sector - The sleeping gods

1.71 Contact adress

How to contact the author:

If you have an idea, bugreport or a virus, which is not recognized,
then please send it to me. You will get an answer as fast as
possible. To contact me just write to:

Markus Schmall
von Gravemeyerweg 25
30539 Hannover/Bemerode

Telephone: +(0)511 514944

(from 18.00 - 20.00)

I am at this time mostly at home. Otherwise one of my parents is at home. It is nearly not possible that you reach nobody from us...

To get the latest version write me. I will send you then as soon as possible the latest version. Please include postage and lettercases! I cannot afford it to pay such things for you.

! ATTENTION !

I AM NOT INTERESTED IN ANY KIND OF SWAPPING ILLEGAL WARES!
I AM COMPLETELY LEGAL CODER!

The latest versions of the VirusWorkshop and DosTouch can be found on the TIME PD discs by A.P.S. Electronic.

You should find this viruskiller in several networks. If you are a sysop who wants to spread this piece, just contact me (I own an USR Courier DST V.34!).

This viruskiller will always be first uploaded to:

The official VirusWorkshop support mailbox is:

DALLAS BBS

USR V34 FC Dual Standard ++49[0]711588146

There you will find many new viruskillers and other interesting things. My useraccount is Flake. So, if you have any questions etc., then don't hesitate to call this great box.

Other very fine boards are

Nirvana BBS

USR V34 FC Dual Standard ++49[0]511522809

Another very well mailbox is the mailbox from the Virus Test Center from the University of Hamburg. There you will find all actual viruskillers:

Tel.:++[0]4054715235 (V32bis modem)

You can find the VirusWorkshop in the following BBSs(a friend of me uploads the file to them):

- sorry, no special BBS this time...

My homepoint is: M.Schmall@LDB.han.de (I read this account every day and you can expect to get the fastest answer from me there !)

If you have access to INTERNET, then try to reach me on:

"msch0091@rz.uni-hildesheim.de".

(You can write out of nearly every net to this adress!)

| Routing | Adressing |
|--------------------|---------------------------------|
| Internet -> UNI Hi | : msch0091@rz.uni-hildesheim.de |
| AmNet -> DALLAS | : Flake;Dallas |
| Fido -> DALLAS | : Markus Schmall 2:246/1437 |
| Z-Netz -> DALLAS | : Flake%Dallas@AmNet.Zer |
| SevenNet -> DALLAS | : Flake%Dallas@AmNet |
| FastCall -> DALLAS | : Flake%Dallas |

If you have access to AmiXnet, then try to write to the following adress:

AX0001 Markus Schmall NetID @GR0001

The contact via INTERNET is preferred, because the Z-Netz lacks sometimes and some PMs will be somewhere "forgotten" in the system. I wrote some messages in this network, but some of them are still not routed and this after 6 months.

VirusWorkshop can be found on the TIME PD disks. At the release day of VirusWorkshop it will be mailed to A.P.S. Electronic !!

CU l8er,
Markus Schmall

Tristar & Red Sector - The sleeping gods

1.72 Hellos to Ixxy/TRSi

Hi Ixxy ! Ich bin ja echt auf Deine neue Frisur gespannt. Keine langen Haare mehr ? Nichts fuer ungut. Ich hoffe, dass wir uns bald mal wieder treffen...Cebit ? ... Und diesmal wieder ein VirusWorkshop release OHNE Verzoegerung...

1.73 LHA Checker - deutsch

Die LHA Archiv Untersuchfunktion:

Diese Funktion ist ziemlich einfach implementiert.
Benötigt werden:

```
sys:c/rename  
sys:c/delete  
sys:c/lha
```

und ein Assign mit dem Namen VWLHA:. Ich habe selbst mir ein neues Directory auf der Festplatte erstellt und es als VWLHA assigned:

```
Bsp: makedir dh0:WasWeissich  
      assign vwlha: dh0:wasweissich/
```

ACHTUNG ! Alle Dateien in diesem Directory werden gelöscht bevor die Funktion arbeitet und nach Abarbeitung werden auch alle Dateien gelöscht. Nachdem das ausgeählte LHA Archiv entpackt wurde, wird die Filechecker gestartet. Wenn dieser Vorgang abgeschlossen ist, wird der Benutzer gefragt, ob er das Archiv wieder packen möchte. Wenn er diese Frage mit "JA" beantwortet, wird er noch gefragt, ob eine Sicherheitskopie des alten Archives gemacht werden soll.

Auf diese Weise koennen sehr einfach LHA Archive untersucht werden, was gerade Sysops etc. bestimmt sehr zur Hilfe kommt.

1.74 LHA Checker- english

The LHA archiv checkroutine:

This function is implented on a quite simple way.

This function needs:

```
sys:c/rename
sys:c/delete
sys:c/lha
```

and an assign with the name VWLHA:. I for myself have created a subdirectory on my harddisc and have assigned it to VWLHA:

```
E.G.: mkdir dh0:WasWeissich
      assign vwlha: dh0:wasweissich/
```

CAUTION: All files in this directory will be deleted before starting this function and after the whole process. After you have selected a archiv, it will be tried to unpack it and the filechecker will be started.

If this process is completed, the user will be asked, if he wants to repack the archiv again. If you answer with "YES", then you will be asked, if you want to rename (backup) the original archiv.

In this way you can easily check LHA archives, which can be very usefull for sysops etc.