

FastVirusKiller

COLLABORATORS

	<i>TITLE :</i> FastVirusKiller		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		June 24, 2022	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

FastVirusKiller

1.1 Table of Contents

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Version 1.8 August 1997 © Dave Jones

Contents:

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DISCLAIMER:

I am not responsible for any loss of data caused by the use of

FastVirusKiller. Although I've tested it on a lot of files. Some viruses can cause damage to some files which is irreparable, there is nothing I can do to fix these files. It is unknown how FastVirusKiller will react to such files.

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## 1.2 Archive Contents

1. Archive contents.

The archive containing this guide should also contain -ALL- the following files. If there are files missing, you should get another copy of FastVirusKiller from a different source, as this could be a fake.

FastVirusKiller/

FastVirusKiller/FastVirusKiller Executable.

FastVirusKiller/FastVirusKiller.Guide This guide.

FastVirusKiller/KnownViruses.Guide A list of everything FVK detects.

FastVirusKiller/History List of changes so far.

No additional files may be added, including BBS adverts, FILE\_ID's etc..

## 1.3 Distribution

2. Distribution.

Permission is granted for ...

1. You to spread this archive in its unmodified across all electronic storage mediums (Non profit-making BBS's, FTP sites e.t.c...)

2. This program to be included in any PD CD collections, or Magazine coverdisk/subscriber disk as long as..

a. I am contacted me first, so that you can ensure you have the latest version!

b. I'm sent a copy of the CD/Magazine featuring FastVirusKiller.

However distributed, You must include -ALL- files (Program,Docs, and Icons) in their unmodified form, and no additional material may be included in the archived form.

## 1.4 Introduction

3. Introduction.

Initially, FastVirusKiller (Hereafter called FVK) was written to deal with the BOKOR virus. I then added a few other link-viruses I own, and some

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bombs, and added newer BOKOR variants. It's now a mini-viruskiller. But as it was done so quickly, there is no GUI, or other nice features that you'd find in a killer such as VirusZ, VirusWorkShop etc..

I intend to turn FVK into a complete killer-program with a GUI etc, as all my current projects are now drawing to a close, freeing up a lot of spare-time which I could devote to adding more viruses to this killer. Initially, I'll just add new viruses, but when I have no new ones to add, I'll work on adding some old ones, that the other killers already handle.

## 1.5 Requirements

4. Requirements.

xfdmaster.library Available from aminet:util/pack/xfd118.lha

## 1.6 Usage

5. Usage.

FastVirusKiller accepts three arguments.

FILENAME/M/A - Name of file to be checked.

QUIET/S - Means FastVirusKiller doesn't print Decrunching info.

NOSAVE - If a file is disinfected it doesn't save it.

(To be used for test purposes only)

## 1.7 Notes

6. Important notes.

Memory-Scan.

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FVK does a memory scan before it opens any file (Including disk-based libraries) This scan is also aware of many patches that may be hiding viruses, and has been programmed to tunnel 'through' these patches to get back to the original vector. If a virus is found beneath a patch, the Vector will be restored from the address the vector pointed to before infection.

Example:

Loadseg : ROM Vector

PPLoadSeg

«Virus»

SegTracker

FVK will tunnel SegTracker, and find the virus. The original vector is then

obtained from the virus (Which in this case will be the address of PPLoadseg), and written to the vector-table. Note, that although SegTracker is still in memory, it will no longer catch files, as the LoadSeg() routine no longer calls it.

OS3 Hunks.

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There are some infections which FastVirusKiller cannot repair. Some viruses mangle the files they infect, as they not aware of OS3 hunks like Short-Reloc tables. If a file containing such a hunk becomes infected, you can bet it's unrepairable. It should be deleted/replaced, as it will have become mangled/truncated during infection. FVK will warn you of such files, but will not attempt to fix them.

## 1.8 To do

9. To do: (In order of likelihood of happening)

- Fix up any existing bugs.
- Add more viruses.
- Add a GUI (Any suggestions on how this should look?)
- Support \$4EB9 linked files.
- Add vector checker. (Similar to VirusZ's but different... ;-)
- Add archive scanning.

## 1.9 AboutMe

10. About the Author.

Born : 6th Feb 1974) -- Which makes me at least 23.

Job : I work 9-5 as a data entry clerk.

Drop dead boring, but it helps pay for new hardware e.t.c. ;^)

Mid-September 97, I go to university (Yippee..)

I've been developing software on the Amiga since 1990, although a lot of it was never released (Phew..) I was a commercial programmer for a while, but things turned sour, and I turned to Shareware programming.

I'm currently working on quite a few projects, of which SLOS is taking up most of my time. I'm also helping out a few shareware friends with their programs.

Other releases by me...

BootDate..... Outputs the date as a text string for redirection to Env:BootDate, so you can `Incbin Env:BootDate`.

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BorderBlank..... Toggles the area around the screen black / colour 0  
FasterForbid..... System speed patch. (Now superceded by SLOS!)  
FastWaitBlit..... System speed patch.  
FixMFMDDevice..... Fixes benign bug in mfm.device  
FMS 3.x..... Virtual Floppy disk on hard disk.  
Also I did some work on FMS 5.x by Thomas Omilian  
(thomas.omilian@Dortmund.netsurf.de)  
HunkGuide..... Documentation of Amiga executable file structures.  
MoveVBR..... CPU speed patch.  
NoIconBorder..... Removes lines from around icons.  
PatchGuide..... AmigaGuide doc with tips for Patch writers.  
PointerX..... BusyPointer Hack.  
Now taken over by Gideon Zenz (gzenz@ixc.net)  
PPLib020..... 68020+ Optimised powerpacker.library & PPLoadSeg.  
RemCards..... Removes unneeded PCMCIA tasks/resources.  
RememberWin..... Patches CloseWindow to Call WindowToFront(ParentWindow)  
StreamLineOS2.... Dynamic System speedup patch.  
I'm also the official recoder of the following...  
BootUte..... System Degrader by Paul Toyne.  
KickRom..... Resident resident kickstart softloader by Gideon Zenz.  
RTPatch..... Included with the Reqtools distribution.  
CPUBlit2..... Classic System speedup patch, now 68020+ only.  
I'm also co-developing `APatch' with Adam Polkosnik. (Lucky@Silly.com)

## 1.10 Contact

11. Contact addresses.

If you have bug-reports, new viruses/patches, ideas, or want to send me a big bag of money then you can contact me in several ways..

SNAIL:

Dave Jones.

40,Heol Edward Lewis,

Gelligaer,

Hengoed,

Mid Glamorgan,

Cf82 8ej,

South Wales,

United Kingdom.

Include postage if you require a reply. If you are just requesting

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an update, then I will hold onto your postage until the next release is ready. If you are not residing in the Uk, then just send two extra disks as payment.

EMAIL:

DJones@CardiffCyberCafe.Co.Uk

IRC:

nick : Termy

channel: #Amiga

when : most saturday afternoons GMT

WWW:

<http://www-personal.usyd.edu.au/amann/davezpages/>

\*Notes\*

If you need to contact me, and this address no longer works, use the whowhere web-site to find my current email address.

Just look at <http://people.whowhere.com/pages/termy>

I go to University in September 1997, which means I'll have a new email account, WhoWhere will point to the correct address, as will the web-page.

The web-page is managed by an Australian friend of mine who provides me with some free space. When I go to University, there will be an extra page which may offer quicker access times for Europeans. The mirror page will be updated a day or so later than the Local page.

## 1.11 Messages

12. Messages/Thanks to..

Markus Schmall VirusWorkShop, Cool mails, and latest virus news.

Jan Andersen/VHT DK For Support, Encouragement and a whole lot more.

Harry "Piru" Sintonen KBVirus, The DirWalker routine, and for some great hours idling on IRC!

Georg Hörmann VirusZ, Nice letters, and much much more.

All others who've supported me with new viruses/patches.

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