

VirusZ Check File 2

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	<i>TITLE :</i> VirusZ Check File 2		
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REVISION HISTORY

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Chapter 1

VirusZ Check File 2

1.1 VirusZ Check File 2 v2.10

VirusZ Check File 2 v2.10

Originally Idea By:

Georg Hörmann

Overhauled by:

Paul Demark (July 1996)

[Read On](#)

1.2 VirusZ Check File 2 v2.10 - Contents

Contents:

A virus checker of archives and normal files through your favourite program.

[Introduction](#) - Introduction to the philosophy

[Requirements](#) - What you need for this program to work

[Purpose](#) - Purpose of this script

[Installation](#) - Installation onto your system

[History](#) - The past problems and triumphs

[To Do](#) - Ideas and improvements to come

[Contact](#) - How and where to contact the author

[Legalities](#) - Protecting the innocent from the money making lawyers

[Index](#) - Index of this Amigaguide (For pre v39 users)

1.3 VirusZ Check File 2 v2.10 - Introduction

Introduction:

Welcome to CheckFile2 for people who wish to check files (archives AND/OR regular files!) for viruses (virii) easily. It was made specifically to be run from your [favourite program](#) (ala DOpus 4 and others) or even via menu programs. It checks inside

the archives LZX, LHA, LZH, DMS, ZIP & RAR archives. If it isn't one of those compacted formats it checks the file by itself for viruses.

The Program has been tested throughly on over 2 Gigabytes of archives and hundreds of Megabytes of files upon my system. To date I have not encountered any problems. (Otherwise it would not have been publically released.. :)

Although the new version of VirusZ contains checking theis program offers easier setup then the one contained in VirusZ v1.33+ itself. Also this can be altered to work with BBS software and directory utilities easily.

I have tested the program on various virus infected archives and files and the script notifies you of the viruses! (The whole purpose of it all!)

It has taken **-*much*- of my time** to make this program as smooth running and intelligent as possible to handle **everyday life situations** you may face.

If you wish any changes or improvements to the program please do not hesitate to request the alteration(s) from **Paul (The author)**

==> Many thanks goto the Author of VirusZ (Georg Hörmann) <=-

Thanks to:

Term!nator (BBS Addz),

Blade (Laughs in chat),

Seona (Looking good, Good humour, etc.. :)

1.4 VirusZ Check File 2 v2.10 - Requirements

Requirements:

What you need for this program to operate fully:

- VirusZ v1.3x+ (Available on AmiNET)
- LZX, LHA, DMS, UnZip & UnRar in your path (IE. C: dir) (Available on AmiNET)
- RexxMaster Running (Part of Workbench 2+)

Suggested extras:

- A virtual disk of some sort. (IE. fms.device or statram.device)
- 020+ for faster checking.
- An old Public Enemy album to listen to. :)

1.5 VirusZ Check File 2 v2.10 - Purpose

Purpose:

This program is specifically to work in conjunction with VirusZ to search inside archives for viruses quickly and easily without breaking into a sweat as the present VirusZ is like to setup. I started to program this after near enough every program such as VirusChecker, Xtruder and some others required yourself to register to check inside archives.

As I recently took over a BBS and wanted a certain amount of security for users and I started to check all new archives/files coming in with a virus checker. After some time I realised the slow method of DeArchiving and virus checking each and every archive which required a lot of swapping screens and programs all the time. Needless it was slow and TERRIBLY boring.

I then saw CheckArc.vzrx for VirusZ which knows a decent amount of viruses and noticed it missed a few compacters that existed that are in regular use. There started my adventure in ARexx programming. Myself being a beginner with basic knowledge in programming from school and computer use for over 14 years I improved the checker extensively leading to what you have here now which checks archives and files EASILY by the user.

My program was used extensively used on all my BBS archives and was adapted even for other purposes later (Updating BBS adds in Arcs (900meg+ in one hit).. :).

The program in essence is devoted to Free virus checker programs.

This is another reason why I chose VirusZ.

Firstly it is Free.

Secondly it is better in Virus Recognition then Xtruder!

The question is why these guys don't have Internet accounts for myself to pass on viruses?!

May the authors of the virus checkers move ahead and at least get a Internet EMail address.

(It costs \$10 (Australian! [About \$8 US]) here in Australia on a local Amiga* BBS!!)

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1.6 VirusZ Check File 2 v2.10 - Installation

Installation:

For installation upon your system it is a good idea to use a file management program. Personally I know a lot of Directory Opus 4 users and use it myself at times.. (Closer to 'live out of'.. :)

I suggest that users check inside the AREXX script to see if the settings are truly correct for their system. The ones in question are:

```
VirusZ_prg = "<Path and what filename VirusZ is>"
```

examples might be..

```
VirusZ_prg = "SYS:Virus/VirusZ"
```

or could be..

```
VirusZ_prg = "SYS:Utilities/VirusZ/VirusZ"
```

The LHA_prg, LZX_prg, ZIP_prg, RAR_prg, DMS_prg settings can be changed easily. If they are in your path, IE C: dir or somewhere that the path is specified before you hit WB then there is no need to change em otherwise list the path that exist in.

The setting DirPath = "RAM:T/TempArcDir" can be changed to a real device to put the unarchives file to be checked if you have limited Ram. This could be "SYS:T/TempArcDir". The directory will be created and deleted afterwards and no need to worry about other files in that dir as they will be unaltered.

The setting 'DiskTemp' is for what device you wish to check DMS archives on. It can be either a DFx: device or alternatively a virtual device. Namely something like Vfx: (fms.)devices or Statram deiveces configured properly.

The setting 'DiskBlnk' will format the drive that was used to check the DMS archive. This is so virus infected disks will not be run accidently afterwards or free memory on statram devices.

The setting 'FormatName' is the name of the disk once blanked if you have the DiskBlnk option YES.

The setting 'DiskRmve' is used to UnMount a volume after the checking occurs. This is useful if you wih to use a device such as RAD to check one disk and remove it afterwards afterwards so you dont have RAD sitting around after your checking happens.

The setting 'Remove_prg' is the program used to Dismount the virtual floppy you use.

For running it is possible to set the switch "QUIT" which will quit VirusZ after each file checked. This is for people with limited ram which do not need VirusZ running all the time. It is shown up in each program setup as [QUIT] Meaning that it is optional upon how you want it running after your Virus Check.

Please note that you can only notify VirusZ Check File 2 to check one(1) file each time it is run.

For best performance, set it up this way in a button / menu:

For Directory Opus 4 (© 1993 Jonathan Potter) Setup:

AmigaDOS Rx REXX:CheckFile2.vzrx {o} [QUIT]

Stack size: 4096

Priority: 0

Close delay: -1

Switches to turn on:

CD source

Do all files

Output window

Recursive directories

Reload each file

For DirWork (© 1990-1994 Chris Hames) Setup:

(Not sure if previous versions work the in the same manner)

Program Rx REXX:CheckFile2.vzrx %p%f [QUIT]

Switches to turn on:

Close window after each one

Cycle Gadgets Settings:

CD source directory

Selected Files

Misc to turn on:

Current Source

No Requester

For AmigaShell Use:

Type:

Rx REXX:REXX:CheckFile2.vzrx <Filename> [QUIT]

You can also set it up as an alias in Shell-Startup. This will allow you to type one name for the program and then the file/archive to check. This saves you a lot of typing needless to say. To set it up put the following line in your Shell-Startup:

```
alias Check Rx REXX:FileChecker2.vzrx
```

To make this alias working you can either close all Shells and restart Shell and the new alias will also be loaded from Shell Startup.

To check a file/archive for example by using this new alias and the archive is called "CheckMe.LZX" you would type at a DOS prompt:

(Making sure that you are CDed to the directory the file resides)

```
Check CheckMe.LZX
```

That would check the file "CheckMe.LZX" for any viruses.

Installation Procedure:

If you wish to install the program upon your system disk (Harddisk or floppy) just press the the next line. Then set it up according to above information.

To install Press: INSTALL File Check 2 .

(For Manual setup just copy the script to your REXX: directory/assign)

1.7 VirusZ Check File 2 v2.10 - To Do

To Do:

Plans for new versions:

- Better DMS and device handling.
- Add fully operational Arj Checker (UnArj *DONESN'T* extract to a specified directory!).
- Should I add Zoo, Arc, .Z and .GZ archives to be handled or any others? (Yes/No)
- Do smart recognition of files .. Not by file names (like M_aronic S_tupid Dos way).
- Should I add a "Show File_ID.Diz" files option? (Yes/No)

1.8 VirusZ Check File 2 v2.10 - History

History:

Inspired and many ideas from:

CheckArc.vzrx 1.01 (1.10.95) - (C) 1995 by Georg Hörmann

I was unable to contact the author of CheckArc.vzrx as no-one seems to have an internet mail addresses?! I wish I could contact them in some decent manner without breaking my bank or not waiting a month for a reply!

(I have even viruses that VirusZ author and others might want to look at! :)

Check File 2 version history:

v2.10 (15.10.96) - Minor fix of Documentation.

v2.09 (13.10.96) - First release on Aminet.

v2.08 (12.09.96) - Fixed device check for DMS checking & generally reworked.

v2.06 (10.08.96) - Done AmigaGuide Documentation (Hello!).

v2.01 (26.07.96) - Made more informative error messages, reduced script size by 8%

v2.00 (25.07.96) - Seeing my BBS gets some uncompressed files I added a UnArced file checker also after a request .

v1.70 (15.05.96) - Cleaned up code to make operation faster.

v1.50 (12.08.96) - Fixed small DMS problems and let first 3rd party person test it.

v1.40 (09.05.96) - Many updates including experimenting with automounting?! (massive testing has occurred from last version).

v1.10 (01.05.96) - Cleaned up code making it more adaptive for everyones use (Included Checked Disk Formatter and Dismount).

v1.02 (29.04.96) - Added DMS, Rar, Zip quickly for an idea to add it to my bbs for checking of archives uploaded.

For the latest version of this checker contact my **BBS** .

1.9 VirusZ Check File 2 v2.10 - Contact

Contact:

To contact myself for improvements, ideas, a chat, or inclusion of this in the VirusZ distribution.. You can contact myself in the following ways:

Slow Internet Email:

lanky@nwamiga.apana.org.au

AmigaNET Email:

Paul Demark

41:300/265

FidoNET Email:

Paul Demark

3:633/265

MAXsNET Email:

Paul Demark

86:303/212

Shoikan Grove BBS (My Own BBS! 8):

+61-3-9317-3857

(Melbourne, Australia)

To contact the VirusZ author for new virus(es) or to donate for his great(!) programming skills and his support to the Amiga*:

Georg Hörmann

Martinswinkelstraße 16c

82467 Garmisch-Partenkirchen

Germany

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1.10 VirusZ Check File 2 v2.10 - Legalities

Legalities:

The author of this program is in not way liable for any injury, sickness, loss of income or personal problems caused by its use including data loss.

1.11 VirusZ Check File 2 v2.10 - Index

Index:

[AmigaGuide Manufacture](#) - How this AmigaGuide file was made

[AmigaShell](#) - Installation and use with AmigaShell & Alias

[Authors](#) - How and where to contact all the authors

[Directory Opus 4](#) - Installation with Directory Opus 4

[DirWork](#) - Installation with DirWork

[Installation Procedure](#) - Installation to your boot drive

[Ideas](#) - Ideas and improvements to come

[Legalities](#) - Protecting the innocent from the money making lawyers

1.12 VirusZ Check File 3 v2.10 - AmigaGuide Manufacture

Manufacture of this AmigaGuide document:

This document was made in a plain ASCII editor with no extra utils. All done by hand.

For any improvements on this AmigaGuide **please notify myself** .

I used in this AmigaGuide:

- Wordwrap, (Makes typing wrap around if you resize the reader screen size and even if you have different screen resolutions)
- Underline,
- Bold,
- Foreground text alteration, (I didn't do background text alteration because it looks generally cruddy)
- Index Support, (For v39+[OS 3+] users and Pre v39 [OS 2] users also! :)
- Browsing fully supported and controlled, (Next and Prev keywords)
- **Installation of the program** via this AmigaGuide file(!),
- Use of different fonts,
- Basic setup for **Help Screens** ,
- Links to pages half way through by line number, (See **Index/Dopus4** or **Index/DirWork**
- and "Version" works on this AmigaGuide! (\$VER:)

1.13 VirusZ Check File 3 v2.10 - How to contact all the author

How to contact the all the author:

The author of Check File 2:

Slow Internet Email:

lanky@nwamiga.apana.org.au

Fast Internet Email:

Address it to Greg, with title "Check File 2"

gdt@rmit.xxxx.edu.au

AmigaNET Email:

Paul Demark

41:300/265

FidoNET Email:

Paul Demark

3:633/265

MAXsNET Email:@

Paul Demark

86:303/212

Shoikan Grove BBS (My Own BBS! :):

+61-3-9317-3857

(Melbourne, Victoria, Australia)

To contact the VirusZ program author with new virus(es) or to donate for his great(!) program and his support to the Amiga*:

Georg Hörmann

Martinswinkelstraße 16c

82467 Garmisch-Partenkirchen

Germany

If you have found some new viruses and/or crunchers, send them to me right now.

If you want your disks back, either enclose enough money for postage

or German stamps!

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1.14 VirusZ Check File 2 v2.10 - Help Pages

Help Pages !

If you are unable to find yourself navigating through this manual in AmigaGuide format, then I suggest you take a look at your Amiga manual.

If you require further information for use of this program, you can contact the author in various ways by clicking.. [HERE](#) !