# **WIN-FOR Tool List**

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# **Acquisition and Analysis**

Tools used for the acquisition and bulk processing / analysis of evidence items

## **Active Disk Editor**

Website: https://www.disk-editor.org

Description: File / Disk Editor and Template Manager

Author: LSoft Technologies

License: https://www.lsoft.net/terms/

Version: 24 Notes:

### **Arsenal Image Mounter**

Website: https://arsenalrecon.com Description: Forensic Image Mounter

Author: Arsenal Recon

License: https://github.com/ArsenalRecon/Arsenal-Image-Mounter/blob/master/LICENSE.md

Version: 3.11.293

Notes:

## **Autopsy**

Website: https://www.sleuthkit.org

Description: GUI based application for image analysis

Author: Brian Carrier / Basis Technology

License: Apache 2.0 (https://github.com/sleuthkit/autopsy/blob/master/README.txt)

Version: 4.21.0

Notes:

## **Elcomsoft Forensic Disk Decryptor**

Website: https://www.elcomsoft.com/

Description: Tool for decrypting disks or extracting encryption keys from memory

Author: Elcomsoft

License: EULA (https://www.elcomsoft.com/legal.html)

Version: 2.20.1011.6893

Notes:

### **FEX Imager**

Website: https://getdataforensics.com

Description: Physical and Logical Imaging Tool

Author: GetData Forensics

License: Free Version: 2.2.1.283

## **FEX Memory Imager**

Website: https://getdataforensics.com Description: Memory Acquisition Tool

Author: GetData Forensics

License: Free Version: 1.10 Notes:

### fit - Freezing Internet Tool

Website: https://github.com/fit-project/fit

Description: Tool to forensically acquire web-based content like emails, social media, etc.

Author: https://github.com/orgs/fit-project/people

License: GNU General Public License v3 (https://github.com/fit-project/fit/blob/main/LICENSE)

Version: 1.2.0

Notes: Requires npcap

### **FTK Imager**

Website: https://www.exterro.com

Description: Forensic Image Acquisition and Triage tool

Author: Exterro Inc / AccessData

License: EULA Version: 4.7.1.2

Notes:

### **Magnet Acquire**

Website: https://www.magnetforensics.com Description: Evidence Acquisition tool Author: Jad Saliba - Magnet Forensics

License: EULA Version: 2.74.0.39439

Notes:

## **Magnet AXIOM**

Website: https://www.magnetforensics.com

Description: Evidence Acquisition and Analysis toolset

Author: Jad Saliba - Magnet Forensics

License: EULA Version: 6.11.0.34807

Notes:

### **Magnet Chromebook Acquisition**

Website: https://www.magnetforensics.com Description: Evidence Acquisition for Chromebook

Author: Jad Saliba - Magnet Forensics

License: EULA Version: 1.06 Notes:

## **Magnet Dumplt**

Website: https://www.magnetforensics.com

Description: Windows Memory Dump tools from Comae / Magnet

**Author: Magnet Forensics** 

License: EULA

Version: 20230117

Notes:

## **Magnet RAM Capture (MRC)**

Website: https://magnetforensics.com Description: Windows memory capture utility

Author: Magnet Forensics

License: EULA Version: 1.2.0 Notes:

## **Magnet RESPONSE**

Website: https://magnetforensics.com

Description: Tool to collect data relevant to incident response investigations

Author: Magnet Forensics

License: EULA Version: 1.71 Notes:

# **OSFMount**

Website: https://www.osforensics.com/tools/mount-disk-images.html

Description: Drive / Disk / Image mounting tool

Author: PassMark

License: Free (EULA, contained in software)

Version: 3.1.1003.0

Notes:

### **Pilfer**

Website: https://github.com/digitalsleuth/forensics\_tools Description: Rapid triage tool using Windows in-built binaries

Author: Corey Forman (digitalsleuth)

License: GNU General Public License v3 (https://github.com/digitalsleuth/forensics\_tools/blob/master/LICENSE)

Version: 3.4 Notes:

### plaso (super timeline all the things)

Website: https://plaso.readthedocs.io/en/latest/

Description: Python 3 tool to generate a timeline of all artifacts Author: https://github.com/log2timeline/plaso/blob/main/AUTHORS

License: Apache License v2 (https://github.com/log2timeline/plaso/blob/main/LICENSE)

Version: 20231224

Notes: log2timeline.py, psort.py, psteal.py

## **Tableau Imager**

Website: https://opentext.com Description: Disk / Device Imager

Author: OpenText License: EULA Version: 20.3.3

### winpmem

Website: https://github.com/velocidex/WinPmem

Description: Memory Acquisition Tool Author: Mike Cohen (scudette)

License: Apache License v2 (https://github.com/Velocidex/WinPmem/blob/master/LICENSE)

Version: 4.0.rc2

Notes:

### X-Ways Forensics

Website: https://x-ways.net

Description: Forensic Analysis Software

Author: Stefan Fleischmann

License: License Dependent - https://www.x-ways.net/terminology.html

Version: 21.3 Notes:

# X-Ways Forensics Templates

Website: https://github.com/digitalsleuth/xways-templates

Description: Templates for X-Ways Templates Author: Community Driven (multiple authors)

License: Version: 0.0.2 Notes:

### **Browsers**

Web browsers

## **Firefox**

Website: https://www.mozilla.org/en-US/firefox/new/

Description: Mozilla web browser Author: Mozilla Foundation

License: Mozilla Public License 2.0 (https://www.mozilla.org/en-US/MPL/)

Version: 118.0.1

Notes:

## **Google Chrome**

Website: https://www.google.com Description: Google Web Browser

Author: Google

License: https://policies.google.com/terms

Version: 108.0.5359.72

Notes:

## **Databases**

Database browsers

### **DB Browser for SQLite**

Website: https://sqlitebrowser.org
Description: SQLite Database Browser
Author: https://sqlitebrowser.org/about/

License: Mozilla Public License v2 (https://github.com/sqlitebrowser/sqlitebrowser/blob/master/LICENSE)

Version: 3.13.0

Notes:

## dbeaver

Website: https://github.com/dbeaver/dbeaver Description: SQL Database tool and client

Author: Serge Rider and Contributors (https://github.com/dbeaver/dbeaver/graphs/contributors) License: Apache License 2.0 (https://github.com/dbeaver/dbeaver/blob/devel/LICENSE.md)

Version: 24.0.5

Notes:

## **RazorSQL**

Website: https://razorsql.com

Description: SQL Database analysis tool Author: Richardson Software LLC License: https://razorsql.com/license.txt

Version: 10.4.5

Notes:

### **SQLiteStudio**

Website: https://sqlitestudio.pl/

Description: SQLite Database browser, creator, editor

Author: Pawel Salawa

License: GNU General Public License v3 (https://github.com/pawelsalawa/sqlitestudio/blob/master/LICENSE)

Version: 3.4.4

Notes:

### SysTools SQL MDF Viewer

Website: https://www.systoolsgroup.com Description: SQL MDF analysis tool

Author: SysTools

License: EULA (https://www.systoolsgroup.com/eula.html)

Version: 13.0 Notes:

## **Documents / Editors**

Applications to create, modify, disassemble, and analyze document files.

#### **ExifTool**

Website: https://exiftool.org

Description: Tool for analysing EXIF data from files

Author: Phil Harvey

License: https://exiftool.org/#license

Version: 12.89

Notes:

# exiftoolgui

Website: https://exiftool.org

Description: Graphical EXIF analysis tool

Author: Phil Harvey

License: https://exiftool.org/#license

Version: 5.16 Notes:

#### **Libre Office**

Website: https://www.libreoffice.org

Description: Open Source Office Document suite

Author: LibreOffice

License: Mozilla Public License (https://www.libreoffice.org/download/license/)

Version: 7.6.2.1

Notes:

# msoffcrypto-crack.py

Website: https://github.com/didierstevens/didierstevenssuite Description: MS Office Document Password Cracking utility

Author: Didier Stevens License: Public Domain

Version: 0.0.5 Notes:

### msoffcrypto-tool

Website: https://github.com/nolze/msoffcrypto-tool

Description: Python library for decrypting encrypted MS Office Files

Author: Nolze

License: MIT License (https://github.com/nolze/msoffcrypto-tool/blob/master/LICENSE.txt)

Version: 5.0.0

Notes:

#### Notepad++

Website: https://notepad-plus-plus.org
Description: Free source code / text editor

Author: Don Ho

License: GNU General Public License 2.0 (https://notepad-plus-plus.org/)

Version: 8.7.1

Notes:

#### **OfficeMalScanner**

Website: http://www.reconstructer.org/main.html

Description: Office Document analysis tool to detect implants and malware

Author: Frank Boldewin License: Unknown Version: 0.62

Notes:

# **OffVis**

Website: http://go.microsoft.com/fwlink/?LinkId=158791

Description: Office document visualization tool

Author: Microsoft License: EULA Version: 1.1.0.0

## oledump.py

Website: https://github.com/didierstevens/didierstevenssuite

Description: Analyze OLE files

Author: Didier Stevens License: Public Domain

Version: 0.0.75

Notes:

#### olefile

Website: https://www.decalage.info/python/olefileio Description: Python module to read / write MS OLE2 files

Author: Philippe Lagadec

License: https://github.com/decalage2/olefile/blob/master/LICENSE.txt

Version: 0.46

Notes:

### oletools

Website: http://www.decalage.info/python/oletools Description: Package of tools to analyze MS OLE2 files

Author: Philippe Lagadec

License: https://github.com/decalage2/oletools/blob/master/LICENSE.md

Version: 0.60.1

Notes:

### pcodedmp

Website: https://github.com/bontchev/pcodedmp Description: Python VBA p-code disassembler

Author: Vesselin Bontchev

License: GNU General Public License v3 (https://github.com/bontchev/pcodedmp/blob/master/LICENSE)

Version: 1.2.6

Notes:

### pdf-parser

Website: https://github.com/didierstevens/didierstevensssuite

Description: PDF document parser

Author: Didier Stevens License: Public Domain

Version: 0.7.9

Notes:

### pdfid

Website: https://github.com/didierstevens/didierstevenssuite

Description: PDF Analysis Tool

Author: Didier Stevens License: Public Domain

Version: 0.2.8

Notes:

## **PDFStream Dumper**

Website: http://sandsprite.com/blogs/index.php?uid=7&pid=57

Description: PDF Analysis tool Author: David Zimmer (dzzie)

License: None

Version: 0.9.634

Notes:

## peepdf-3

Website: https://github.com/digitalsleuth/peepdf-3 Description: PDF analysis and malicious code analyzer.

Author: Jose Miguel Esparza and Corey Forman

License: GNU General Public License (GPL) v3: https://github.com/digitalsleuth/peepdf-3/blob/main/COPYING

Version: 4.0.0

Notes:

# rtfdump.py

Website: https://github.com/didierstevens/didierstevenssuite

Description: Analyze RTF files

Author: Didier Stevens License: Public Domain

Version: 0.0.12

Notes:

### **Sublime Text**

Website: https://www.sublimetext.com Description: Text Editor for markup and code

Author: Sublime HQ Pty Ltd

License: EULA (https://www.sublimehq.com/eula)

Version: 4152

Notes:

#### **VSCode (Visual Studio Code)**

Website: https://code.visualstudio.com/

Description: Open Source Code Editor and Debugger

Author: Microsoft

License: Code - MIT License (https://github.com/microsoft/vscode/blob/main/LICENSE.txt) / Product (https://code.visualstudio.com/License/)

Version: 1.82.3

Notes:

#### **XLMMacroDeobfuscator**

Website: https://github.com/DissectMalware/XLMMacroDeobfuscator Description: Decode obfuscated XLM macros (aka Excel v4.0 macros)

Author: Malwrologist / DissectMalware

License: Apache License v2.0 (https://github.com/DissectMalware/XLMMacroDeobfuscator/blob/master/LICENSE)

Version: 0.2.7

Notes:

### **Email**

Analyze email artifacts

### **4n6 Email Forensics**

Website: https://forensiksoft.com Description: Email forensics utility

Author: 4n6 Software

License: https://forensiksoft.com/terms/

Version: 7.5 Notes:

#### Aid4Mail

Website: https://www.aid4mail.com Description: Email conversion and analysis

Author: Fookes Software Ltd

License: Copyright (https://www.aid4mail.com/terms)

Version: 5.1.8 (https://www.aid4mail.com/support/solutions/articles/aid4mail-5-version-history)

Notes: Free Trial / Limited Free Conversion

### **BitRecover EML File Viewer**

Website: https://www.bitrecover.com

Description: EML file viewer

Author: BitRecover

License: EULA - https://www.bitrecover.com/terms.html

Version: 5.0 Notes:

### **Email Header Analyzer**

Website: https://github.com/cyberdefenders/email-header-analyzer

Description: Python-based Email Header Analysis Tool

Author: Ahmed Shawky (Inxg33k)

License: GNU General Public License v3.0 (https://github.com/cyberdefenders/email-header-analyzer/blob/master/LICENSE.md)

Version: v1 Notes:

#### **Forensic Email Collector**

Website: https://metaspike.com

Description: Local and Remote email acquisition tool

Author: Arman Gungor - Metaspike

License:

Version: 3.87.0.6

Notes:

#### **Forensic Email Collector**

Website: https://metaspike.com

Description: Local and Remote email acquisition tool

Author: Arman Gungor - Metaspike

License:

Version: 4.0.251.1164

Notes:

### **Kernel EDB Viewer**

Website: https://www.nucleustechnologies.com Description: Free Exchange EDB viewer

Author: Nucleus Technologies

License: EULA (https://www.nucleustechnologies.com/eula.pdf)

Version: 15.9

#### **Kernel OST Viewer**

Website: https://www.nucleustechnologies.com

Description: Free Outlook OST viewer

Author: Nucleus Technologies

License: EULA (https://www.nucleustechnologies.com/eula.pdf)

Version: 21.1 Notes:

# **Kernel PST Viewer**

Website: https://www.nucleustechnologies.com

Description: Free Outlook PST viewer

Author: Nucleus Technologies

License: EULA (https://www.nucleustechnologies.com/eula.pdf)

Version: 20.3 Notes:

## **MSG Viewer**

Website: https://www.pstwalker.com/ Description: Forensic GUI Tool for MSG, EML

Author: PST Walker

License: GNU General Public License (GPL) (https://www.pstwalker.com/licensing-policy.html)

Version: 4.32

Notes:

### **PST Walker**

Website: https://www.pstwalker.com/ Description: Forensic GUI Tool for PST, OST

Author: PST Walker

License: GNU General Public License (GPL) (https://www.pstwalker.com/licensing-policy.html)

Version: 7.29

Notes:

## **SysTools Outlook PST Viewer**

Website: https://www.systoolsgroup.com Description: Outlook PST file parser

Author: SysTools

License: https://www.systoolsgroup.com/eula.pdf

Version: 5.0 Notes:

### **Executables**

Reverse engineering, static, and dynamic analysis of executables

# **API Monitor v2 Alpha**

Website: http://www.rohitab.com/apimonitor

Description: Tool to monitor API calls by applications

Author: Rohitab Batra

License: Version: v2r13

#### **Bintext**

Website: https://mcafee.com

Description: Finds Ascii, Unicode, and Resource strings in a file

Author: Mcafee License: Free Version: 3.03 Notes:

#### capa

Website: https://github.com/mandiant/capa

Description: FLARE tool to identify capabilities in executables

Author: Mandiant

License: Apache License 2.0 (https://github.com/mandiant/capa/blob/master/LICENSE.txt)

Version: 6.1.0

Notes:

### Codetrack

Website: https://www.getcodetrack.com Description: .NET Performance Profiler

Author: Nico Van Goethem

License: Freeware (see the About section in the application)

Version: 1.0.3.3

Notes: No longer maintained

#### **Cutter**

Website: https://github.com/rizinorg/cutter

Description: Reverse Engineering Platform powered by rizin

Author: Rizin Organization

License: GNU General Public License v3 (https://github.com/rizinorg/cutter/blob/dev/COPYING)

Version: 2.3.2

Notes:

### Decompyle3

Website: https://github.com/rocky/python-decompile3/

Description: Python3 bytecode decompiler

Author: Rocky R. Bernstein

License: GNU General Public License v3 (https://github.com/rocky/python-decompile3/blob/master/COPYING)

Version: 3.9.0

Notes:

### densityscout

Website: https://cert.at

Description: Tool to identify entropy within files

Author: Christian Wojner / CERT.at (https://cert.at/en/about-us/overview/)

License: Internet Software Consortium License (ISCL - https://cert.at/en/downloads/software/software-densityscout)

Version: Build 45

Notes:

## **DIE (Detect It Easy)**

Website: https://github.com/horsicq/DIE-engine Description: Reverse Engineering Engine

Author: Hors (horsicq)

License: MIT License (https://github.com/horsicq/DIE-engine/blob/master/LICENSE)

Version: 3.08

Notes: Detect It Easy - DIE

#### dotPeek

Website: https://www.jetbrains.com

Description: .NET Decompiler and Assembly Browser

Author: JetBrains

License: EULA (https://www.jetbrains.com/legal/docs/toolbox/license personal/)

Version: 2023.2.2

Notes:

# exeinfope

Website: https://github.com/ExeinfoASL/ASL Description: EXE, Packer, Compiler detection

Author: ExeinfoASL License: None Listed Version: 0.0.8.6

Notes:

## File Insight

Website: https://www.trellix.com Description: Static file analysis tool

Author: McAfee / Trellix

License: Software Royalty-Free License (https://www.trellix.com/en-us/downloads/free-tools/terms-of-use.html)

Version: 3.0 Notes:

### FLOSS (FLARE Obfuscated String Solver)

Website: https://github.com/mandiant/flare-floss Description: Extract obfuscated strings from malware

Author: Mandiant

License: Apache License v2.0 (https://github.com/mandiant/flare-floss/blob/master/LICENSE.txt)

Version: 2.3.0

Notes:

## hollows\_hunter

Website: https://github.com/hasherezade/hollows hunter

Description: Scans running processes for implants and dumps them if found

Author: hasherezade

License: BSD 2-Clause Simplified License (https://github.com/hasherezade/hollows hunter/blob/master/LICENSE)

Version: 0.3.6

Notes:

### **IDA Free**

Website: https://hex-rays.com/ida-free

Description: Binary analysis tool for x86/x64 applications

Author: hex-rays

License: Free for Educational, Personal, and non-Commercial use

Version: 8.3 Notes:

### ilspy

Website: https://github.com/icsharpcode/ilspy

Description: .NET Decompiler

Author: ICSharpCode (https://github.com/orgs/icsharpcode/people)

License: MIT License (https://github.com/icsharpcode/ILSpy/blob/master/doc/ILSpyAboutPage.txt)

Version: 8.1.1.7464

Notes:

### **KsDumper 11**

Website: https://github.com/mastercodeon314/KsDumper-11

Description: Kernel Space Dumper utility

Author: mastercodeon314 License: None at this time

Version: 1.0 Notes:

### MagnetProcessCapture

Website: https://magnetforensics.com Description: Tool to dump a running process

Author: Magnet Forensics

License: EULA Version: v13 Notes:

### mal unpack

Website: https://github.com/hasherezade/mal\_unpack Description: Dynamic unpacker based on PE-sieve

Author: hasherezade

License: BSD 2-Clause Simplified License (https://github.com/hasherezade/mal\_unpack/blob/master/LICENSE)

Version: 0.9.7

Notes:

#### **MalCat**

Website: https://malcat.fr

Description: Malware Analysis Tool

Author: Malcat EL

License: https://malcat.fr/index.html#faq6

Version: 0.9.8

Notes:

### maldump

Website: https://github.com/NUKIB/maldump

Description: Python 3 tool for extracting quarantined files from a live system or mounted image

Author: Czech Republic National Cyber and Information Security Agency

License: https://github.com/NUKIB/maldump/blob/main/LICENSE

Version: 0.4.0

Notes:

### **Noriben**

Website: https://github.com/rurik/noriben

Description: Malware Analysis Sandbox based on Python

Author: Brian Baskin (Rurik)

License: Apache License v2 (https://github.com/Rurik/Noriben/blob/master/LICENSE)

Version: 1.8.7 Notes:

## **NTCore Explorer Suite**

Website: https://ntcore.com Description: PE Analysis tool suite

Author: Erik Pistelli

License: Version: IV Notes:

### **PE-bear**

Website: https://github.com/hasherezade/pe-bear

Description: Portable Executable reversing tool with a GUI

Author: hasherezade

License: GNU General Public License v2 (https://github.com/hasherezade/pe-bear/blob/main/LICENSE)

Version: 0.6.7.3

Notes:

### pe-sieve

Website: https://github.com/hasherezade/pe-sieve

Description: Scans a process and dumps possible implants

Author: hasherezade

License: BSD 2-Clause Simplified License (https://github.com/hasherezade/pe-sieve/blob/master/LICENSE)

Version: 0.3.9

Notes:

### **PEiD**

Website: https://github.com/wolfram77web/app-peid

Description: Portable Executable identifier

Author: snaker / Qwerton / Jibz License: All Rights Reserved

Version: 0.95 Notes:

#### **PEStudio**

Website: https://www.winitor.com Description: PE Analysis Tool Author: Marc Ochsenmeier

License: As-Is, without warranty (https://www.winitor.com/tools/pestudio/changes.log)

Version: 9.53

Notes:

## pev

Website: https://github.com/mentebinaria/readpe

Description: PE Analysis toolkit Author: Fernando Merces

License: GNU General Public License v2.0 (https://github.com/mentebinaria/readpe/blob/master/LICENSE)

Version: 0.82

### PortexAnalyzer GUI

Website: https://github.com/struppigel/PortexAnalyzerGUI

Description: GUI for PortEx, a Portable Executable and Malware Analysis Library

Author: Karsten Hahn

License: Apache License 2.0 (https://github.com/struppigel/PortexAnalyzerGUI/blob/main/LICENSE)

Version: 0.12.12

Notes:

## PPEE (puppy)

Website: https://www.mzrst.com/ Description: Professional PE file Explorer

Author: Zaderostam

License: Version: 1.12 Notes:

#### **ProcDOT**

Website: https://www.procdot.com

Description: Visual analysis of Windows-based malware

Author: Christian Wojner

License: Internet Systems Consortium (ISC - https://www.procdot.com/faqs.htm, https://www.procdot.com/webhelp/index.html?license.htm)

Version: 1.22 (build 57)

Notes: Requires Windows Graphviz and Windump/TCPDump, but Windump/TCPDump are not supported on Win10+

#### **Process Hacker**

Website: https://processhacker.sourceforge.io Description: Process analysis and dumping tool Author: Steven G (dmex) / Wen Jia Liu / WinSiderss

License: GNU General Public License v3 - https://processhacker.sourceforge.io/gpl.php

Version: 2.39.0.124

Notes:

#### **PSDecode**

 $We bsite: \ https://github.com/CyberCentreCanada/assembly line-service-overpower$ 

Description: Powershell script to deobfuscate encoded Powershell scripts

Author: R3MRUM / CyberCentreCanada

License: Version: 5.0 Notes:

## Rehex (Reverse Engineers' Hex Editor)

Website: https://github.com/solemnwarning/rehex

Description: Hex Editor with useful tools for Reverse Engineering

Author: Daniel Collins

License: GNU General Public License v2 (https://github.com/solemnwarning/rehex/blob/master/LICENSE.txt)

Version: 0.60.1

Notes:

#### **Resource Hacker**

Website: http://www.angusj.com/resourcehacker

Description: Compiler and Decompiler for Windows applications

Author: Angus Johnson

License: Freeware (http://www.angusj.com/resourcehacker - License to Use)

Version: 5.2.6

Notes:

## scdbg

Website: http://sandsprite.com/blogs/index.php?uid=7&pid=152

Description: Shellcode analysis tool

Author: David Zimmer

License:

Version: Jul 10 2023 14:21:55

Notes:

# Scylla

Website: https://github.com/ntquery/scylla

Description: Imports Reconstructor written in C/C++

Author: NtQuery

License: GNU General Public License v3 (https://github.com/NtQuery/Scylla/blob/master/LICENSE)

Version: 0.9.8

Notes: May not work well on later versions of Windows 10 and any version of Windows 11

## setdllcharacteristics

Website: https://blog.didierstevens.com/2010/10/17/setdllcharacteristics/

Description: Manually edit the characteristics of DLL's

Author: Didier Stevens License: Public Domain

Version: 0.0.0.1

Notes:

### **Total PE 2**

Website: https://github.com/zodiacon/TotalPE2

Description: PE Viewer Author: Pavel Yosifovich

License: MIT License (https://github.com/zodiacon/TotalPE2/blob/master/LICENSE.txt)

Version: 0.6.5.1

Notes:

#### **TrID**

Website: https://mark0.net/soft-trid-e.html

Description: File identifier based on their binary signatures

Author: Marco Pontello

License: Free for personal / non-commercial use

Version: 2.2.4

Notes:

### **UPX**

Website: https://github.com/upx/upx

Description: The Ultimate Packer for eXecutables Author: Markus Oberhumer, Laszlo Molnar, John Reiser

License: Multiple Licenses (https://github.com/upx/upx/blob/devel/LICENSE)

Version: 4.1.0

## **VB-Decompiler**

Website: https://www.vb-decompiler.org Description: Visual Basic Decompiler

Author: DotFix Software

License: https://www.vb-decompiler.org/license.htm

Version: 12.4 Notes:

### WinDbg

Website: https://www.microsoft.com Description: Windows Debugger

Author: Microsoft

License: Third-party Notices within app

Version: 1.2402.24001.0

Notes: retcode 2316632107 means no available upgrades

## **Windows Sandbox**

Website: https://docs.microsoft.com/en-us/windows/security/threat-protection/windows-sandbox/windows-sandbox-overview

Description: Windows-based Sandbox Environment

Author: Microsoft

License:

Version: 10.0.19041.985

Notes:

## x64dbg

Website: https://sourceforge.net/projects/x64dbg/

Description: Open Source x64/x32 debugger for Windows

Author: Duncan Ogilvie (mrexodia)

License: GNU General Public License v3 (https://github.com/x64dbg/x64dbg/blob/development/LICENSE)

Version: 2024-12-01\_15-19

Notes:

## **Installers**

Decompile and deconstruct installers

#### **AutoIt Extractor**

Website: https://github.com/digitalsleuth/autoit-extractor

Description: AutoIt installer extractor

Author: x0r19x91

License: GNU General Public License v3.0

Version: 1.0.0

Notes:

#### **InnoExtract**

Website: https://constexpr.org/innoextract

Description: A tool to unpack installers created by Inno Setup

Author: Daniel Scharrer

License: https://github.com/dscharrer/innoextract/blob/master/LICENSE

Version: 1.9 Notes:

#### Innounp

Website: https://innounp.sourceforge.net

Description: Unpacker of executables packed by InnoSetup

Author: Ariman\_ua, quickener

License: GNU General Public License v3 (https://innounp.sourceforge.net/#Copyrights)

Version: 0.50 Notes:

#### lessmsi

Website: https://github.com/activescott/lessmsi

Description: View and Extract the contents of a Windows MSI file

Author: Scott Willeke (activescott)

License: MIT License (https://github.com/activescott/lessmsi/blob/master/LICENSE)

Version: 1.10.0

Notes:

## **MSI Viewer**

Website: https://github.com/wjk/MSIExtractApp

Description: Tool for viewing and extracting MSI installers

Author: William Kent

License: MIT (https://github.com/wjk/MSIExtractApp/blob/main/LICENSE)

Version: 2.0.1

Notes: Installed via winget

### Py2ExeDecompiler

Website: https://github.com/endgameinc/Py2ExeDecompiler

Description: Decompiles executables originally compiled by Py2Exe

Author: Amanda Rousseau

License: MIT License (https://github.com/endgameinc/Py2ExeDecompiler/blob/master/LICENSE.txt)

Version: 1.0 Notes:

### **PyInstaller Extractor**

Website: https://github.com/extremecoders-re/pyinstxtractor Description: Python script to extract contents of PyInstallers

Author: ExtremeCoders-RE

License: GNU General Public License v3.0 (https://github.com/extremecoders-re/pyinstxtractor/blob/master/LICENSE)

Version: 2024.11

Notes: Release version does not update with script

# **PyInstaller Extractor NG**

Website: https://github.com/pyinstxtractor/pyinstxtractor-ng

Description: A standalone executable to extract the contents of PyInstaller packages

Author: ExtremeCoders-RE

License: GNU General Public License v3.0 (https://github.com/pyinstxtractor/pyinstxtractor-ng/blob/main/LICENSE)

Version: 2024.08.25

Notes:

#### **UnAutoIt**

Website: https://github.com/digitalsleuth/UnAutoIt

Description: AutoIt extractor

Author: Corey Forman (digitalsleuth) / x0r19x91

License: GNU General Public License v3 (https://github.com/digitalsleuth/UnAutoIt/blob/main/LICENSE)

Version: 1.1.1 Notes:

#### **UniExtract2**

Website: https://github.com/Bioruebe/UniExtract2 Description: Tool to extract files from installers

Author: William Engelmann

License: GNU General Public License v2 (https://github.com/Bioruebe/UniExtract2/blob/master/LICENSE)

Version: 2.0.0-rc3

Notes:

# Logs

Event and Web log analysis

#### Chainsaw

Website: https://github.com/WithSecureLabs/Chainsaw Description: Event Log and Windows Artefact Parser

Author: WithSecureLabs / Countercept

License: GNU General Public License v3.0 (https://github.com/WithSecureLabs/chainsaw/blob/master/LICENCE)

Version: 2.8.1

Notes:

## **Event Log Explorer**

Website: https://eventlogxp.com/ Description: Windows Event Log Parser

Author: FSPro

License: Multiple (https://eventlogxp.com/order.html)

Version: 5.6 Notes:

### **EventFinder**

Website: https://github.com/BeanBagKing/EventFinder2

Description: Event Log Parser

Author: BeanBagKing

License: GNU General Public License v3 (https://github.com/BeanBagKing/EventFinder2/blob/master/LICENSE)

Version: 2.2.1

Notes:

### evtx\_dump

Website: https://github.com/omerbenamram/evtx

Description: EVTX Event Log Parser

Author: Omer BenAmram

License: Apache License v2 (https://github.com/omerbenamram/evtx/blob/master/LICENSE-APACHE) and MIT License

(https://github.com/omerbenamram/evtx/blob/master/LICENSE-MIT)

Version: 0.8.3

Notes:

#### Hayabusa

Website: https://github.com/Yamato-Security/hayabusa

Description: Windows event log fast forensics timeline generator and threat hunting tool

Author: Yamato Security

License: GNU General Public License v3.0 (https://github.com/Yamato-Security/hayabusa/blob/main/LICENSE.txt)

Version: 2.9.0

Notes:

## **HttpLogBrowser**

Website: https://www.finalanalytics.com/products/httplogbrowser

Description: Web server log analyzer

Author: FinalAnalytics

License: EULA (https://www.finalanalytics.com/downloads/HttpLogBrowser-EULA.pdf)

Version: 4.6.3.0

Notes:

## **Log Parser**

Website: https://www.microsoft.com Description: Event Log parser

Author: Microsoft

License: Version: 2.2.10

Notes:

## LogParser Studio

 $Website: https://techcommunity.microsoft.com/gxcuf89792/attachments/gxcuf89792/Exchange/16744/1/LPSV2.D2.zip?WT.mc\_id=M365-mailton/gxcuf89792/Exchange/16744/1/LPSV2.D2.zip.WT.mc_id=M365-mailton/gxcuf89792/Exchange/16740/Exchange/16740/Exchange/16740/Exchange/16740/Exchange/16740/$ 

MVP-5002016

Description: Graphical interface for Microsoft's log parser

Author: Microsoft

License:

Version: 2.0.0.100

Notes:

### LogViewer2

Website: https://github.com/woanware/LogViewer2

Description: View large text / log files

Author: Mark Woan

License: Version: 1.0.0 Notes:

## **Zircolite**

 $Website: \ https://github.com/wagga40/Zircolite$ 

Description: SIGMA-based detection for EVTX, Auditd and Sysmon for Linux

Author: Wagga (wagga40)

License: GNU Lesser Public License v3.0 (https://github.com/wagga40/Zircolite#license)

Version: 2.10.0

Notes:

# **Mobile Analysis**

Analysis of mobile devices and applications

### **ALEAPP**

Website: https://github.com/abrignoni/aleapp

Description: Android Logs Events and Protobuf Parser

Author: Alexis Brignoni

License: MIT License (https://github.com/abrignoni/ALEAPP/blob/main/LICENSE)

Version: 3.1.1 Notes:

#### **Android Studio and SDK**

Website: https://developer.android.com/

Description: Tools for debugging and accessing an Android device

Author: Google

License:

Version: 2023.2.1.23

Notes: Comes with adb and fastboot, error code 1223 does not represent error - marked as success.

## apktool

Website: https://apktool.org/

Description: A tool for reverse engineering Android apk files

Author: Connor Tumbleson et al (https://github.com/iBotPeaches/Apktool/blob/master/CONTRIBUTORS.md)

License: Apache License v2 (https://github.com/iBotPeaches/Apktool/blob/master/LICENSE.md)

Version: 2.8.1

Notes: JAR file, requires Java

### **Bytecode Viewer**

Website: https://github.com/konloch/bytecode-viewer Description: Android APK reverse engineering suite

Author: Konloch

License: GNU General Public License v3 (https://github.com/Konloch/bytecode-viewer/blob/master/LICENSE)

Version: 2.11.2

Notes:

### dex2jar

Website: https://github.com/pxb1988/dex2jar Description: Android .dex and .class file analysis

Author: Bob Pan (pxb1988)

License: Apache License v2.0 (https://github.com/pxb1988/dex2jar/blob/2.x/LICENSE.txt)

Version: 2.1 Notes:

### iBackup Viewer

Website: https://www.imactools.com

Description: View iDevice backups on Windows

Author: iMacTools

License: Free (No specific license)

Version: 4.27.30

Notes:

# **ILEAPP**

Website: https://github.com/abrignoni/ileapp Description: iOS Logs Events and Plists Parser

Author: Alexis Brignoni

License: MIT License (https://github.com/abrignoni/iLEAPP/blob/main/LICENSE)

Version: 1.18.1

## iphoneanalyzer (iPhone Analyzer)

Website: https://sourceforge.net/project/iphoneanalyzer/

Description: Analyze iPhone backups Author: leocrawford, matproud

License: GNU General Public License v3 (https://sourceforge.net/directory/os:linux/license:gplv3/)

Version: 2.1.0 Notes:

### iTunes-Backup-Explorer

Website: https://github.com/MaxiHuHe04/iTunes-Backup-Explorer

Description: Java-based tool to explore iTunes backups

Author: Maxi Herczegh

License: MIT License (https://github.com/MaxiHuHe04/iTunes-Backup-Explorer/blob/master/LICENSE | 3RD-PARTY-LICENSES.txt)

Version: 1.4

Notes: Requires Java 11+

### jd-gui

Website: https://github.com/java-decompiler/jd-gui

Description: GUI-based Java Decompiler Author: Emmanuel Dupuy (emmanuel)

License: GNU General Public License v3 (https://github.com/java-decompiler/jd-gui/blob/master/LICENSE)

Version: 1.6.6

Notes:

#### **Plist Editor**

Website: https://www.icopybot.com Description: Mac PList viewing tool Author: VOW Software Studio

License: End User License Agreement

Version: 2.5.0 Notes: Free Trial

### scrcpy

Website: https://github.com/Genymobile/scrcpy

Description: Tool to mirror and graphically control Android devices over USB or TCP/IP

Author: Genymobile

License: Apache License 2.0 (https://github.com/Genymobile/scrcpy/blob/master/LICENSE)

Version: 2.1.1

Notes:

### **UFADE (Universal Forensic Apple Device Extractor)**

Website: https://github.com/prosch88/UFADE

Description: Standalone tool to extract data from Apple Devices

Author: prosch88

License: GNU General Public License 3 (https://github.com/prosch88/UFADE/blob/main/LICENSE)

Version: 0.9.4

Notes:

#### **VLEAPP**

Website: https://github.com/abrignoni/vleapp

Description: Vehicle Logs Events and Properties Parser

Author: Alexis Brignoni

License: MIT License (https://github.com/abrignoni/VLEAPP/blob/main/LICENSE)

Version: 1.0.0

Notes:

## **Network**

Network traffic analysis tools

### **Burp Suite Community Edition**

Website: https://portswigger.net

Description: Packet Intercept and Analysis Tool

Author: PortSwigger

License: https://portswigger.net/burp/tc-community

Version: 2024.4.4

Notes:

#### Fakenet-NG

Website: https://github.com/mandiant/flare-fakenet-ng Description: Next Generation Dynamic Network Analysis Tool

Author: https://github.com/mandiant/flare-fakenet-ng/blob/master/AUTHORS

License: Apache License 2.0 (https://github.com/mandiant/flare-fakenet-ng/blob/master/LICENSE.txt)

Version: 3.0 Notes:

#### **IPinfo**

Website: https://ipinfo.io

Description: Command Line Interface for the IPinfo API

Author: https://github.com/orgs/ipinfo/people

License: Apache License v2.0 (https://github.com/ipinfo/cli/blob/master/LICENSE)

Version: 3.2.0

Notes:

### **NAFT - Network Appliance Forensic Toolkit**

Website: https://github.com/digitalsleuth/naft

Description: Updated version of Didier Stevens Network Appliance memory dump analyzer

Author: Corey Forman / Gabriel Cossette / Didier Stevens

License: MIT License (https://github.com/digitalsleuth/naft/blob/main/LICENSE.md)

Version: 1.0.0b1

Notes:

#### **Network Miner**

Website: https://www.netresec.com/ Description: Network traffic analysis tool

Author: NETRESEC AB

License: GNU General Public License (GPL) v2.0 (https://www.netresec.com/?page=NetworkMinerSourceCode)

Version: 2.9 Notes:

#### **PuTTY**

 $Website: \ https://www.chiark.greenend.org.uk/{\sim} sgtatham/putty/$ 

Description: Free SSH and Telnet Client

Author: Simon Tatham

License: https://tartarus.org/~simon/putty-snapshots/htmldoc/AppendixD.html#licence

Version: 0.79 Notes:

#### Telerik Fiddler

Website: https://www.telerik.com Description: Web debugging proxy tool

Author: Telerik License:

Version: 5.0.20242.10753

Notes:

# WebPageSaver

Website: https://magnetforensics.com

Description: Creates an HTML report containing a snapshot of each webpage at a specific point in time

Author: Magnet Forensics

License: EULA Version: 3.4.0 Notes:

## **WinSCP**

Website: https://winscp.net/

Description: Windows SFTP and SCP Client

Author: Martin Prikryl

License: GNU General Public License v3 (https://github.com/winscp/winscp/blob/master/license.txt)

Version: 6.1.2

Notes:

#### Wireshark

Website: https://www.wireshark.org

Description: Network packet capture and analysis tool

Author: The Wireshark Foundation (https://gitlab.com/wireshark/wireshark/-/blob/master/AUTHORS) License: GNU General Public License v2 (https://gitlab.com/wireshark/wireshark/-/blob/master/COPYING)

Version: 4.0.10

Notes:

#### Zui

Website: https://www.brimdata.io/

Description: Network Forensic GUI Tool using Zeek, Suricata and Zed

Author: Brim Data

License: GNU General Public License (GPL) (https://github.com/brimdata/zui/blob/main/apps/zui/LICENSE.txt)

Version: 1.3.0

Notes:

### Raw Parsers / Decoders

Basic tools for byte-level analysis of data blobs

#### **Bulk Extractor**

 $We bsite: \ https://digitalcorpora.org/downloads/bulk\_extractor \& \ https://github.com/simsong/bulk\_extractor \&$ 

Description: Tool for extracting artifacts from random data

Author: Simson L. Garfinkel

License: MIT License (https://github.com/simsong/bulk\_extractor/blob/main/LICENSE.md)

Version: 1.5.5

Notes:

### Cyberchef

Website: https://github.com/gchq/cyberchef

Description: Web app for encryption, encoding, compression and data analysis

Author: GCHQ

License: Apache License v2.0 (https://github.com/gchq/CyberChef/blob/master/LICENSE)

Version: 10.19.4

Notes:

# **Data Dump**

Website: https://www.digital-detective.net/datadump/

Description: Tool to extract segments of data from an image or device

Author: Craig Wilson (https://www.digital-detective.net)

License:

Version: 2.3.24262.11

Notes: x86

### **DCode**

Website: https://www.digital-detective.net/dcode

Description: Timestamp encoder/decoder

Author: Craig Wilson (https://www.digital-detective.net)

License:

Version: 5.6.24123.1

Notes:

#### deark

Website: https://entropymine.com/deark/

Description: Portable command-line utility to decode file types

Author: Jason Summers

License: MIT (https://github.com/jsummers/deark/blob/master/COPYING)

Version: 1.6.7

Notes:

#### **DROID**

Website: https://www.nationalarchives.gov.uk/information-management/manage-information/preserving-digital-records/droid/

Description: File Format Identification Tool

Author: The National Archives

License: BSD License (https://raw.github.com/digital-preservation/droid/master/license.md)

Version: 6.7.0

Notes: Command Line and GUI, this will utilize the GUI by default, updates signature database on install

## **Hex Editor Neo (Free)**

Website: https://www.hhdsoftware.com

Description: Hex Editor Author: HHD Software

License: EULA (https://www.hhdsoftware.com/company/terms-of-use)

Version: 7.46.00.8715

#### HxD

Website: https://mh-nexus.de Description: Hex Editor Author: Mael Horz

License: https://mh-nexus.de/en/about.php

Version: 2.5.0.0

Notes:

### iptools

Website: https://github.com/digitalsleuth/forensics\_tools

Description: IP / Hex / Dec Conversion tool

Author: Corey Forman

License: GNU General Public License v3.0 (https://github.com/digitalsleuth/forensics\_tools/blob/master/LICENSE)

Version: 1.1 Notes:

#### **MemProcFS**

Website: https://github.com/ufrisk/MemProcFS Description: Memory Process File System

Author: Ulf Frisk

License: GNU Affero GPL v3.0 - https://github.com/ufrisk/MemProcFS/blob/master/LICENSE

Version: 5.9.3

Notes:

### **MemProcFS-Analyzer**

Website: https://github.com/evild3ad/MemProcFS-Analyzer

Description: Powershell script utilizing MemProcFS for additional analysis

Author: Martin Willing / evild3ad

License: GNU General Public License v3.0 (https://github.com/evild3ad/MemProcFS-Analyzer/blob/main/LICENSE)

Version: 1.0 Notes:

## **Passware Encryption Analyzer**

Website: https://www.passware.com Description: Encryption Analysis tool Author: Passware - Dmitry Sumin

License: EULA - https://www.passware.com/files/Passware-EULA.pdf

Version: 2024.4.0.4328

Notes:

### photorec / testdisk

Website: https://www.cgsecurity.org/ Description: Raw data parsing tool

Author: Christophe Grenier

License: GNU General Public License v2.0 (https://git.cgsecurity.org/cgit/testdisk/tree/COPYING)

Version: 7.1 Notes:

### pyson4

Website: https://github.com/digitalsleuth/pyson4
Description: A python3 jsonlz4 file parser for Firefox

Author: Corey Forman

License: GNU General Public License v3 (https://github.com/digitalsleuth/pyson4/blob/master/LICENSE)

Version: 1.2

Notes: pyson4, pyson4.py

### smi-parser

Website: https://github.com/digitalsleuth/smi-parser

Description: Parses Caroolive SMI GPS files

Author: Corey Forman

License: GNU General Public License v3.0 (https://github.com/digitalsleuth/smi-parser/blob/main/LICENSE)

Version: 1.1.0

Notes:

# synchrony

Website: https://github.com/relative/synchrony Description: Javascript Cleaner and Deobfuscator

Author: relative

License: GNU General Public License v3 (https://github.com/relative/synchrony/blob/master/LICENSE.md)

Version: 2.4.5

Notes: Requires nodejs to install, command is 'synchrony'

## **Time Decode GUI**

Website: https://github.com/digitalsleuth/time\_decode

Description: Python 3 timestamp decode / encode tool - Standalone executable GUI

Author: Corey Forman

License: MIT License (https://github.com/digitalsleuth/time\_decode/blob/master/LICENSE)

Version: 8.0.0

Notes:

#### time-decode

Website: https://github.com/digitalsleuth/time\_decode Description: Python timestamp encode / decode utility

Author: Corey Forman

License: MIT License (https://github.com/digitalsleuth/time\_decode/blob/master/LICENSE)

Version: 8.0.0

Notes:

### yara-python

Website: https://github.com/VirusTotal/yara-python

Description: Analyze files by generating rules around data to be found

Author: Victor M. Alvarez (plusvic)

License: Apache License v2.0 (https://github.com/VirusTotal/yara-python/blob/master/LICENSE)

Version: 4.2.3

Notes:

# Registry

Analysis of Windows registry artifacts

## **Registry Viewer**

Website: https://exterro.com

Description: Windows Registry hive viewer

Author: AccessData / Exterro

License: EULA

Version: 2.0.0.7

Notes:

### regripper

Website: https://github.com/keydet89/RegRipper3.0

Description: Registry parsing toolsuite

Author: Harlan Carvey

License: MIT License (https://github.com/keydet89/RegRipper3.0/blob/master/license.md)

Version: 3.0 Notes: rr.exe

## regshot

Website: https://sourceforge.net/projects/regshot/

Description: Registry snapshot utility to compare snapshots

Author: maddes, regshot, xhmikosr

License: GNU Lesser General Public License (https://sourceforge.net/p/regshot/code/HEAD/tree/branches/1.9.0/files/license\_lgpl-

2.1.txt)
Version: 1.9.0
Notes:

# Requirements

Applications required to make everything else work

#### .NET 3.5 Framework

Website: https://download.visualstudio.microsoft.com/download/pr/b635098a-2d1d-4142-bef6-d237545123cb/2651b87007440a15209cac2964 (additional control of the control of the

Description: Microsoft .NET 3.5 Framework with .NET 2.0

Author: Microsoft

License:

Version: .NET 3.5 SP1

Notes:

## .NET 6 Desktop Runtime

Website: https://microsoft.com

Description: Windows Runtime component

Author: Microsoft License: EULA Version: 6.0.7.31422

Notes:

## 7-Zip

Website: https://7-zip.org

Description: Zip Compiler and Extractor

Author: Igor Pavlov

License: GNU LGPL (https://www.7-zip.org/faq.html)

Version: 24.06

Notes:

### **Adobe Reader DC Classic**

Website: https://www.adobe.com

Description: Adobe PDF Document Reader

Author: Adobe

License: https://helpx.adobe.com/ca/reader/acrobat-copyright-trademarks-third-party-notices.html

Version: 24.002.20749

Notes:

#### **Elasticsearch**

Website: https://www.elastic.co

Description: Distributed, RESTful, and optimized search engine for applications

Author: Elastic

 $License: Server Side \ Public \ License \ / \ Elastic \ License \ 2.0 \ / \ Apache \ License \ 2.0 \ (https://github.com/elastic/elasticsearch/blob/main/LICENSE.txt)$ 

Version: 8.11.1

Notes:

#### Git for Windows

Website: https://github.com/git-for-windows/git Description: Version Control System for Windows

Author: Git (git-scm.com)

License: GNU Public License and Lesser GNU Public License (https://github.com/git-for-windows/git/blob/main/COPYING,

https://github.com/git-for-windows/git/blob/main/LGPL-2.1)

Version: 2.38.1

Notes:

## Graphviz

Website: https://graphviz.org

Description: Open source graph visualization software

Author: https://gitlab.com/graphviz/graphviz/-/blob/main/AUTHORS

License: Eclipse Public License (https://gitlab.com/graphviz/graphviz/-/blob/main/LICENSE)

Version: 9.0.0

Notes:

### Java Development Kit and Runtime Environment

Website: https://www.java.com Description: Java Engine

Author: Oracle

License: https://www.oracle.com/legal/terms.html

Version: 17.0.9

Notes:

#### **Kibana**

Website: https://www.elastic.co

Description: Front end for the Elastic Stack

Author: Elastic

License: Elastic License 2.0 (https://github.com/elastic/kibana/blob/main/licenses/ELASTIC-LICENSE-2.0.txt)

Version: 8.11.1

Notes:

# Microsoft VC++ 2010 Redistributable

Website: https://microsoft.com

Description: Microsoft Visual C++ 2010 Redistributable

Author: Microsoft License: EULA Version: 10.0.40219

#### Microsoft VC++ 2015 Build Tools

Website: https://microsoft.com

Description: Microsoft Visual C++ 2015 Build Tools

Author: Microsoft

License:

Version: 15.9.34729.27

Notes:

### Node.js

Website: https://nodejs.org

Description: Open-Source JavaScript Runtime Environment

Author: https://github.com/nodejs/node/blob/main/README.md#current-project-team-members

License: Various (https://github.com/nodejs/node/blob/main/LICENSE)

Version: 18.16.0

Notes:

### nuget

Website: https://www.nuget.org/

Description: PowerShell Package Manager

Author: Microsoft

License: Apache v2.0 (https://github.com/NuGet/NuGet.Client/blob/dev/LICENSE.txt)

Version: Minimum version 2.8.5.208 is for PowerShell only.

Notes:

#### **Portals**

Website: https://portals-app.com Description: Desktop Organizer

Author: Ross Patterson

License: Free To Use - Terms and Conditions (https://rosspat.dev/privacy/)

Version: 3.2.1.0

Notes:

### **Pycryptodome**

Website: https://github.com/legrandin/pycryptodome

Description: Python package of low-level cryptographic primitives

Author: Helder Eijs (Legrandin)

License: Public Domain / BSD (https://github.com/Legrandin/pycryptodome/blob/master/LICENSE.rst)

Version: 3.16.0

Notes:

### Python 3

Website: https://www.python.org

Description: Python Programming Language Framework

Author: Python Software Foundation

License: Python Software Foundation License Version 2.0 (https://docs.python.org/3.10/license.html)

Version: 3.10.1150.0

Notes:

## python-dateutil

Website: https://github.com/dateutil/dateutil

Description: Python module to use standard datetime features Author: https://github.com/dateutil/dateutil/blob/master/AUTHORS.md

License: Apache License v2.0 (https://github.com/dateutil/dateutil/blob/master/LICENSE)

Version: 2.8.2 Notes:

### STPyV8

Website: https://github.com/cloudflare/stpyv8

Description: Python3 and JavaScript interop engine, fork of the original PyV8 project

Author: Area1 Security

License: Apache License 2.0: https://github.com/cloudflare/stpyv8/blob/master/LICENSE.txt

Version: 12.0.267.16

Notes:

# **Strawberry Perl**

Website: https://strawberryperl.com

Description: Perl programming language environment for Windows

Author: Strawberry Perl

License: GNU General Public License 1+ (license found within software)

Version: 5.32.1.1

Notes:

### **Visual Studio Community Edition 2022**

Website: https://visualstudio.microsoft.com

Description: Windows IDE for developing in multiple Windows-based programming languages

Author: Microsoft

License: https://aka.ms/VSLicensingPaper

Version: 17.0.4 (2022)

Notes: Installation and application are 17.0.4, but environment is 2022

### **WSL 2 System Update**

Website: https://wslstorestorage.blob.core.windows.net/wslblob/wsl\_update\_x64.msi

Description: Update for Windows Subsystem for Linux to version 2

Author: Microsoft License: EULA Version: 5.10.16

Notes:

### **Terminals**

Use of Linux-emulated terminals on Windows

### Cygwin

Website: https://cygwin.com

Description: Linux Terminal Emulator for Windows Author: https://cygwin.com/faq.html#faq.what.who

License: GNU General Public License (GPL) (https://cygwin.com/licensing.html)

Version: 3.5.3

Notes: Retcode below is set to '2' for success because the Cygwin installer (even though on Windows) attempts to search for /etc/setup/setup.rc or /etc/setup/installed.db and fails with retcode 2. This causes Saltstack to read an ERROR and result: False, even though the pkg state returns 'install success'.

## MobaXterm

Website: https://mobaxterm.mobatek.net Description: Enhanced Terminal for Windows

Author: Mobatek (https://www.mobatek.net/aboutus.html)

License: https://mobaxterm.mobatek.net/license.html

Version: 23.6 Notes: Home Edition

#### **Windows Terminal**

Website: https://github.com/microsoft/terminal

Description: Terminal Emulator

Author: Microsoft

License: MIT License (https://github.com/microsoft/terminal/blob/main/LICENSE)

Version: 1.20.11781.0

Notes:

## **WSL Setup**

Website: https://microsoft.com

Description: Windows Subsystem for Linux setup

Author: Microsoft License: EULA Version: 0.0 Notes:

# **Utilities**

Basic utilities to assist in data analysis or transfer

## **Agent Ransack**

Website: https://www.mythicsoft.com/agentransack/

Description: File Search utility

Author: Mythicsoft

License: End User License Agreement

Version: 9.2.3435.1

Notes:

## **Apple iTunes**

Website: https://www.apple.com

Description: Media viewer and Apple device manager

Author: Apple License: EULA Version: 12.12.10.1

Notes:

## **Aurora Incident Response**

Website: https://github.com/cyb3rfox/Aurora-Incident-Response

Description: Incident Response Tracking tool

Author: Mathias Fuchs

License: Apache License 2.0 (https://github.com/cyb3rfox/Aurora-Incident-Response/blob/master/LICENSE)

Version: 0.6.6

Notes:

### **Bulk Rename Utility**

Website: https://www.bulkrenameutility.co.uk

Description: Tool to rename multiple files with similar names

Author: TGRMN Software

License: EULA (https://www.bulkrenameutility.co.uk/License.php)

Version: 4.0.0.2

Notes:

# **Bulk Rename Utility**

Website: https://www.bulkrenameutility.co.uk

Description: Tool to rename multiple files with similar names

Author: TGRMN Software

License: EULA (https://www.bulkrenameutility.co.uk/License.php)

Version: 4.0.0.2

Notes:

#### **Caffeine**

Website: https://www.zhornsoftware.co.uk Description: Mouse Jiggling Software

Author: Tom Revell License: Free Version: 1.98

Notes: 32-bit and 64-bit executables, execute from command line for additional parameters

### **CAINE (Computer Aided Investigative Environment)**

Website: https://www.caine-live.net/

Description: USB bootable forensic environment

Author: Nanni Bassetti (https://www.caine-live.net/page4/page4.html) License: GNU General Public License v2.1+ (https://www.caine-live.net/)

Version: 12.4 Notes:

#### **CaseNotes Pro**

Website: https://first-response.co.uk/

Description: Tool to record and track case notes

Author: First Response License: EULA Version: 2.17.8.30

Notes:

#### **ClamAV**

Website: https://www.clamav.net Description: Open Source Antivirus

Author: Cisco / Talos - https://www.clamav.net/about

License: GNU General Public License v2.0 (https://github.com/Cisco-Talos/clamav/blob/main/COPYING.txt)

Version: 1.3.1

Notes:

## **Dokany**

Website: https://github.com/dokan-dev/dokany

Description: User mode file system library for Windows

Author: Liryna

License: GNU Lesser General Public License v3.0 / MIT (https://github.com/dokan-dev/dokany/blob/master/license.mit.txt /

https://github.com/dokan-dev/dokany/blob/master/license.lgpl.txt)

Version: 2.0.6.1000

## **Encrypted Disk Detector (EDD)**

Website: https://www.magnetforensics.com Description: Detects encrypted disks

**Author: Magnet Forensics** 

License: EULA Version: 310

Notes: Standalone Utility

### **Entropy**

Website: https://github.com/merces/entropy

Description: Command-line tool to calculate entropy of a file

Author: Fernando Merces

License: GNU General Public License v2.0 (https://github.com/merces/entropy/blob/master/LICENSE)

Version: 1.1 Notes:

### **FastCopy**

Website: https://fastcopy.jp

Description: Fast file copy software which can retain file details

Author: FastCopy Lab - https://fastcopy.jp/company.html

License: Copyright - All rights reserved - https://fastcopy.jp/help/fastcopy\_eng.htm#license

Version: 5.8.0

Notes:

# **Glossary Generator**

Website: (nil - in house tool)

Description: Tool to generate a glossary for forensic reports

Author: Jad Saliba License: None Provided

Version: 1.1 Notes:

### **Google Earth Pro**

Description: Tool for viewing Google Maps through installed application

Author: Google

License: Terms of Service (https://www.google.com/help/terms\_maps/)

Version: 7.3.4.8642

Notes:

### **Hash Generator**

Website: https://github.com/digitalsleuth/hash-generator

Description: A simple tool for generating hash values out of provided strings

Author: Corey Forman (digitalsleuth)

 $License: MIT\ License\ (https://github.com/digitalsleuth/hash-generator/blob/main/LICENSE)$ 

Version: 1.1.0

Notes:

### **HashCheck**

Website: https://github.com/gurnec/HashCheck

Description: Context-Menu / Shell Extension hash generator utility
Author: Christopher Gurnee / Kai Liu / David B. Trout / Tim Schlueter
License: https://github.com/gurnec/HashCheck/blob/master/license.txt

Version: 2.4.0.55

Notes:

#### Hex2GUID

Website: (nil - in house)

Description: Batch script to convert hex/on-disk GUID to GUID format

Author: Mark Southby License: Free To Use Version: 2022050a

Notes:

## **ImportExcel**

Website: https://github.com/dfinke/ImportExcel

Description: Powershell Module for working with Excel documents

Author: Doug Finke

License: Apache License v2.0 (https://github.com/dfinke/ImportExcel/blob/master/LICENSE.txt)

Version: 7.8.6

Notes: Installed directly from PSGallery

## IrfanView x64

Website: https://www.irfanview.com/64bit.htm Description: IrfanView image viewer and editor

Author: Irfan Skiljan

License: https://www.irfanview.com/eula.htm

Version: 4.62 Notes:

### IrfanView x64 Plugins

Website: https://www.irfanview.com/64bit.htm

Description: IrfanView Plugins

Author: Irfan Skiljan

License: https://www.irfanview.com/eula.htm

Version: 4.62 Notes:

### jq

Website: https://jqlang.github.io/jq

Description: Command-line JSON processor

Author: Stephen Dolan et al (https://github.com/jqlang/jq/blob/master/AUTHORS) License: Multi-license (https://github.com/jqlang/jq/blob/master/COPYING)

Version: 1.7 Notes:

## megatools

Website: https://megatools.megous.com Description: Mega.NZ downloader suite

 $Author: \ https://megatools.megous.com/man/megatools.html \#\_author$ 

License: GNU General Public License v2 (https://megous.com/git/megatools/tree/LICENSE)

Version: 1.11.1

## **Microsoft PowerToys**

Website: https://github.com/microsoft/powertoys Description: Windows productivity system utilities

Author: Microsoft

License: MIT (https://github.com/microsoft/PowerToys/blob/main/LICENSE)

Version: 0.83.0

Notes:

#### **Monolith Notes**

Website: https://www.monolithforensics.com/ Description: Forensic note taking and tracking tool

Author: Monolith Forensics

License: EULA Version: 1.0.2

Notes:

### **Nuix Evidence Mover**

Website: https://www.nuix.com/nuix-evidence-mover

Description: File Transfer tool with source and destination hashing

Author: NUIX

License: https://www.oracle.com/legal/terms.html

Version: 6.2.1

Notes:

### **OpenHashTab**

Website: https://github.com/namazso/OpenHashTab

Description: Shell extension for file hashing

Author: namazso

License: GNU General Public License 3.0 (https://github.com/namazso/OpenHashTab/blob/master/COPYING)

Version: 3.0.4

Notes:

#### **Reference Documentation**

Website: SANS.org and github.com/digitalsleuth/winfor-salt

Description: Reference documents for tools and forensic cheatsheets

Author: SANS and Corey Forman

License: Version:

Notes: Source https://github.com/teamdfir/sift-saltstack/blob/master/sift/config/user/pdfs.sls and WIN-FOR tool list

### **Rufus**

Website: https://rufus.ie Description: USB ISO Creator

Author: Pete Batard

License: GNU General Public License v3 - https://github.com/pbatard/rufus/blob/master/LICENSE.txt

Version: 4.2 Notes:

## **Tableau Firmware Update**

Website: https://www.opentext.com

Description: Firmware update utility for Tableau forensic devices

Author: OpenText License: EULA Version: 24.3.3

Notes:

## **TeraCopy**

Website: https://www.codesector.com/teracopy

Description: File transfer utility for consistent and uninterrupted transfers

Author: Code Sector

License: FREEWARE (private / non-commerical)

Version: 3.12 Notes:

# **USB Registry Write Blocker**

Website: https://github.com/digitalsleuth/registry-write-block

Description: USB Write Blocker for standard USB / UASP devices using Registry Modifications

Author: Corey Forman

License: MIT License (https://github.com/digitalsleuth/Registry-Write-Block/blob/master/LICENSE)

Version: 2.0 Notes:

### **VcXsrv Windows X Server**

Website: https://sourceforge.net/projects/vcxsrv

Description: Windows X-Server for interacting with X-Windows environments

Author: Marha

License: GNU General Public License v3 (https://sourceforge.net/p/vcxsrv/code/ci/master/tree/COPYING)

Version: 21.1.13.0

Notes:

### Veracrypt

Website: https://www.veracrypt.fr/code/VeraCrypt/

Description: Encrypted container creation and management

Author: https://github.com/veracrypt/VeraCrypt/blob/master/doc/html/Authors.html

License: Apache License v2 (https://github.com/veracrypt/VeraCrypt/blob/master/License.txt)

Version: 1.26.7

Notes:

#### **Virtualbox**

Website: https://www.virtualbox.org/

Description: Desktop virtualization software

Author: Oracle

License: https://www.oracle.com/html/terms.html

Version: 7.0.10-158379

Notes:

# **VLC Media Player**

Website: https://www.videolan.org/

Description: Media Player

Author: VideoLAN

License: GNU General Public License v2 (https://www.videolan.org/legal.html)

Version: 3.0.18

## **Voidtools Everything**

Website: https://www.voidtools.com Description: File Search Utility Author: David Carpenter

License: https://www.voidtools.com/License.txt

Version: 1.4.1.1024

Notes:

# **Wiebetech Write Blocking Validation Utility**

Website: https://wiebetech.com

Description: Write blocker capability testing

Author: Wiebetech License: Free To Use Version: 2.1.1.0

Notes:

## **Win-FOR Customizer**

Website: https://github.com/digitalsleuth/win-for

Description: GUI for the installation of Forensics Tools in a Windows Environment

Author: Corey Forman (digitalsleuth)

License: MIT (https://github.com/digitalsleuth/WIN-FOR/blob/main/LICENSE)

Version: 10.0.0

Notes:

#### WindowGrid

Website: http://windowgrid.net

Description: Tool to easily align windows and icons to a grid on the Windows Desktop

Author: Joshua Wilding License: Unknown Version: 1.3.1.1

Notes:

## **Windows Winget**

Website: https://github.com/microsoft/winget-cli

Description: Windows Package Manager

Author: Microsoft

License: MIT License (https://github.com/microsoft/winget-cli/blob/master/LICENSE)

Version: 1.7.10861

Notes:

### WinMerge

Website: https://winmerge.org Description: File Differencing Tool

Author: Dean P. Grimm (Thingamahoocie Software)

License: GNU General Public License v2.0 (https://github.com/WinMerge/winmerge/blob/master/LICENSE.md)

Version: 2.16.32

Notes:

### xsv

Website: https://github.com/BurntSushi/xsv Description: Command Line CSV manipulator

Author: Andrew Gallant

License: Dual License - MIT or UNLICENSE (https://github.com/BurntSushi/xsv/blob/master/UNLICENSE)

Version: 0.13.0

Notes:

#### **YARA**

Website: https://virustotal.github.io/yara Description: Pattern Matching analysis tool

Author: VirusTotal (https://github.com/VirusTotal/yara/blob/master/AUTHORS) License: BSD 3-Clause (https://github.com/VirusTotal/yara/blob/master/COPYING)

Version: 4.3.2-2150

Notes:

# **Windows Analysis**

Tools to conduct forensic analysis on various Windows artifacts

### amcache.py

Website: Original (https://github.com/williballenthin/python-registry)

Description: AmCache Registry Hive Parser Author: Willi Ballenthin and Corey Forman

License: Apache License 2.0 (https://github.com/williballenthin/python-registry/blob/master/LICENSE.TXT)

Version: 2.0

Notes: This version has been modified from the original, and is not stored online at this time

#### **Autorunner**

Website: https://github.com/woanware/autorunner Description: Checks for autorun applications on Windows

Author: Mark Woan License: Public Domain

Version: 0.0.16

Notes:

#### bitsparser

Website: https://github.com/digitalsleuth/bitsparser

Description: A python tool to parse Windows BITS database files

Author: Corey Forman / FireEye

 $License: Apache\ License\ v2.0\ (https://github.com/digitalsleuth/BitsParser/blob/master/LICENSE)$ 

Version: 1.0 Notes:

#### bmc-tools

Website: https://github.com/ANSSI-FR/bmc-tools Description: Parse Bitmap Cache RDP files

Author: ANSSI-FR

License: CeCILL Free Software License Agreement v2.1 (https://github.com/ANSSI-FR/bmc-tools/blob/master/LICENCE.txt)

Version: 3.02

Notes:

### **Hibernation-Recon**

Website: https://arsenalrecon.com

Description: Tool to parse a Windows hibernation file

Author: Arsenal Recon

License: EULA

Version: 1.2.2.86

Notes:

### Hindsight

Website: https://github.com/obsidianforensics/hindsight

Description: Web-based Chromium Browser artifact parser (Chrome origins)

Author: Obsidian Forensics

License: Apache v2.0 (https://github.com/obsidianforensics/hindsight/blob/master/LICENSE.md)

Version: 2023.03

Notes:

### Kansa

Website: https://github.com/davehull/kansa

Description: Powershell Incident Response Framework

Author: Dave Hull

License: Apache License v2.0 (https://github.com/davehull/Kansa/blob/master/LICENSE)

Version: 18NOV2022 (No defined version)

Notes:

#### kape

Website: https://www.kroll.com/en/services/cyber-risk/incident-response-litigation-support/kroll-artifact-parser-extractor-kape

Description: Incident Response Artifact Parser and Extractor

Author: Eric Zimmerman / Kroll

License: https://www.kroll.com/en/services/cyber-risk/incident-response-litigation-support/kroll-artifact-parser-extractor-kape

Version: 1.3.0.2

Notes:

# **Live Response Collection (Cedarpelta)**

Website: https://www.brimorlabs.com/tools/

Description: Incident Response Artifact Parser and Extractor

Author: Brian Moran

License: GNU General Public License v3.0 (see COPYING in zip file)

Version: Cedarpelta - 20190905

Notes: Also does macOS and Linux collection

### Ink\_parser

 $Website: \ https://github.com/AbdulRhmanAlfaifi/Ink\_parser$ 

Description: Parser for Windows LNK files

Author: AbdulRhman Alfaifi

License: MIT License (https://github.com/AbdulRhmanAlfaifi/lnk parser/blob/master/LICENSE)

Version: 0.2.0

Notes:

## LogFileParser

Website: https://github.com/jschicht/LogFileParser

Description: NTFS \$LogFile Parser

Author: Joakim Schicht

License: MIT (https://github.com/jschicht/LogFileParser/blob/master/LICENSE.md)

Version: 2.0.0.50

#### **MFT Browser**

Website: https://github.com/kacos2000/MFT\_Browser

Description: Graphical MFT Browser utility

Author: Costas K.

License: MIT License (https://github.com/kacos2000/MFT\_Browser/blob/master/LICENSE)

Version: 1.0.72.0

Notes:

#### **Mimikatz**

Website: https://github.com/gentilkiwi/mimikatz Description: Windows-based hash extraction tool

Author: Benjamin Delpy

License: Creative Commons BY 4.0

Version: 2.2.0-20220919

Notes: Detects as a virus in Windows - Exclusion gets added during install

### **MiTeC Tool Suite**

Website: https://mitec.cz

Description: Suite of Windows-based analysis tools

Author: Michal Mutl (mitec)

License: Free to use for private, educational and non-commercial purposes

Version: Various

Notes:

#### **Nirsoft**

Website: https://nirsoft.net

Description: Suite of various Windows Analysis Tools

Author: Nir Sofer

License:

Version: 1.30.14

Notes:

#### **NTCore Tool Suite**

Website: https://ntcore.com

Description: Suite of Windows-based analysis tools

Author: Erik Pistelli

License:

Version: Various

Notes:

## NTFS Log Tracker

Website: https://sites.google.com/site/forensicnote/ntfs-log-tracker

Description: NTFS LogFile, UsnJrnl: J parser

Author: Junghoon Oh (blueangel)

License: Version: 1.8 Notes:

## OneDriveExplorer

Website: https://github.com/Beercow/OneDriveExplorer

Description: Command-line and GUI tool for viewing OneDrive folder structure

Author: Brian Maloney

License: MIT License (https://github.com/Beercow/OneDriveExplorer/blob/master/LICENSE)

Version: 2023.09.22

Notes:

### python-evtx

Website: https://github.com/williballenthin/python-evtx Description: Pure Python parser for Windows Event Logs

Author: Willi Ballenthin

License: Apache License v2.0 (https://github.com/williballenthin/python-evtx/blob/master/LICENSE.TXT)

Version: 0.8.0

Notes: evtx\_dump.py, evtx\_dump\_json.py, evtx\_dump\_chunk\_slack.py, evtx\_eid\_record\_numbers.py, evtx\_extract\_record.py,

evtx\_filter\_records.py, evtx\_info.py, evtx\_record\_structure.py, evtx\_structure.py, evtx\_templates.py

## **Shadow Explorer**

Website: https://www.shadowexplorer.com

Description: Windows Volume Shadow Copy viewer

Author: ShadowExplorer

License:

Version: 0.9.462.0

Notes:

#### **SIIKETW**

Website: https://github.com/mandiant/SilkETW

Description: Wrapper for ETW (Event Tracing for Windows)

Author: Mandiant

License: Apache License v2 (https://github.com/mandiant/SilkETW/raw/master/LICENSE.txt) 3rd-party license (https://github.com/mandiant/SilkETW/raw/master/LICENSE.txt)

3RD-PARTY.txt) Version: 0.8

Notes: Sample Usage - https://www.mandiant.com/resources/blog/silketw-because-free-telemetry-is-free

### srum-dump

Website: https://github.com/MarkBaggett/srum-dump

Description: Tool to analyze data in the Windows System Resource Usage Monitor database

Author: Mark Baggett

License: GNU General Public License v3 (https://github.com/MarkBaggett/srum-dump/blob/master/LICENSE)

Version: 2.5 Notes:

### **Sysinternals**

Website: https://sysinternals.com

Description: Suite of Windows Analysis and Management Tools

Author: Microsoft / Mark Russinovich

License: https://learn.microsoft.com/en-us/sysinternals/license-terms

Version: 2024.07.23 (date of last update - no specific version number identified)

Notes:

#### The Sleuth Kit

Website: https://github.com/sleuthkit/sleuthkit/

Description: Library and collection of command line DFIR tools

Author: Brian Carrier

License: Multiple Licenses (https://www.sleuthkit.org/sleuthkit/licenses.php)

Version: 4.12.1

#### ThumbCache Viewer

Website: https://thumbcacheviewer.github.io/ Description: Windows Thumbnail Cache parser

Author: Eric Kutcher

License: GNU General Public License v3.0 (identified within program)

Version: 1.0.3.9

Notes:

#### **USB Detective**

Website: https://usbdetective.com Description: Windows USB analysis tool

Author: Jason Hale

License: Software License Agreement (https://usbdetective.com/docs/usbdla.pdf)

Version: 1.6.4

Notes:

### usbdeviceforensics

Website: https://github.com/digitalsleuth/usbdeviceforensics Description: Track a USB device throughout a Windows system

Author: Corey Forman / Mark Woan

License: Public Domain

Version: 1.0.0

Notes:

#### **USN Journal Parser**

Website: https://github.com/digitalsleuth/USN-Journal-Parser

Description: Updated version of PoorBillionaire's USN-Journal-Parser

Author: Corey Forman / Adam Witt

License: MIT License (https://github.com/digitalsleuth/USN-Journal-Parser/blob/main/LICENSE)

Version: 5.0.0

Notes: Commands: usn, usn.py

## Velociraptor

Website: https://docs.velociraptor.app/
Description: DFIR live acquisition tool

Author: Mike Cohen (scudette)

License: GNU Affero General Public License v3 (https://github.com/Velocidex/velociraptor/blob/master/LICENSE)

Version: 0.7.0

Notes:

### **Volatility Workbench**

Website: https://www.osforensics.com/tools/volatility-workbench.html Description: Windows-based GUI for the Volatility 3 Framework

Author: OSForensics

License: Volatility Software License (https://www.volatilityfoundation.org/license/vsl-v1.0)

Version: 3.0.1009

Notes:

### Volatility3

Website: https://github.com/volatilityfoundation/volatility3

Description: Memory analysis toolset

Author: Volatility Foundation

License: Volatility Software License (https://www.volatilityfoundation.org/license/vsl-v1.0)

Version: 3 Notes:

#### vssmount

Website: https://github.com/digitalsleuth/forensics\_tools

Description: Windows Batch script to work with and mount Volume Shadow Copies

Author: Corey Forman (digitalsleuth)

License: GNU General Public License v3 (https://github.com/digitalsleuth/forensics\_tools/blob/master/LICENSE)

Version: 2.0 Notes:

#### **Windows Timeline**

Website: https://github.com/kacos2000/WindowsTimeline Description: Windows Timeline / Activities Cache parser

Author: Costas K.

License: Mozilla Public License v2.0 (https://github.com/kacos2000/WindowsTimeline/blob/master/LICENSE)

Version: 2.0.82.0

Notes:

## **WLEAPP**

Website: https://github.com/abrignoni/wleapp

Description: Windows Logs Events and Properties Parser

Author: Alexis Brignoni

License: MIT License (https://github.com/abrignoni/WLEAPP/blob/main/LICENSE)

Version: 0.1 Notes:

#### **WMI Parser**

Website: https://github.com/woanware/wmi-parser

Description: Parse the WMI object database for persistence

Author: Mark Woan License: Unknown Version: 0.0.2 Notes:

#### **Zimmerman Tools**

Website: https://ericzimmerman.github.io Description: Suite of Forensic Tools

Author: Eric Zimmerman

License: MIT License (https://github.com/EricZimmerman/Issues/blob/master/LICENSE)

Version: 2024-10-28