

# 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: 25  
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: 3.12.331  
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: 4.22.0  
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: 2.21.1024.8145  
Notes:

### FEX Cloud Capture

Website: <https://getdataforensics.com>  
Description: Cloud Acquisition Tool  
Author: GetData Forensics

License: Free  
Version: 1.20  
Notes:

## **FEX Imager**

Website: <https://getdataforensics.com>  
Description: Physical and Logical Imaging Tool  
Author: GetData Forensics  
License: Free  
Version: 2.2.1.304  
Notes:

## **FEX Memory Imager**

Website: <https://getdataforensics.com>  
Description: Memory Acquisition Tool  
Author: GetData Forensics  
License: Free  
Version: 1.21  
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: 2.2.0  
Notes: Requires ncap

## **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: 2.85.0.42049  
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 DumpIt**

Website: <https://www.magnetforensics.com>  
Description: Windows Memory Dump tools from Comae / Magnet  
Author: Magnet Forensics  
License: EULA  
Version: 20250131  
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](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](https://github.com/digitalsleuth/forensics_tools/blob/master/LICENSE))  
Version: 4.0  
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  
Notes:

## **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:

## **ZAPIXDESK**

Website: <https://github.com/kraftdenker/ZAPIXDESK>  
Description: PowerShell script for acquiring and decrypting WhatsApp Desktop  
Author: Alberto Magno and Corey Forman (digitalsleuth)  
License: GNU General Public License v3.0 (<https://github.com/kraftdenker/ZAPIXDESK/blob/main/LICENSE>)  
Version: 2.0  
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: 133.0.3

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: 3.13.1

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: 25.2.4

Notes:

### **RazorSQL**

Website: <https://razorsql.com>

Description: SQL Database analysis tool

Author: Richardson Software LLC

License: <https://razorsql.com/license.txt>

Version: 10.6.5

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: 3.4.17

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: 13.41

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: 25.2.4.1

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: 5.4.2

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: 8.8.5  
Notes:

## **OfficeMalScanner**

Website: <http://www.reconstructor.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  
Notes:

## **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/didierstevenssuite>  
Description: PDF document parser  
Author: Didier Stevens  
License: Public Domain  
Version: 0.7.12  
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: 5.1.1  
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: 4200  
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: 1.100.3  
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: 7.6  
Notes:

### **Aid4Mail**

Website: <https://www.aid4mail.com>  
Description: Email conversion and analysis  
Author: Fookes Software Ltd  
License: Copyright (<https://www.aid4mail.com/terms>)  
Version: 6.1.6 (<https://www.aid4mail.com/support/solutions/articles/aid4mail-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: 4.2.579.104

Notes:

## **Kernel for Exchange Server**

Website: <https://www.nucleustechologies.com>

Description: Free Exchange EDB viewer

Author: Nucleus Technologies

License: EULA (<https://www.nucleustechologies.com/eula.pdf>)

Version: 23.2

Notes:

## **Kernel OST Viewer**

Website: <https://www.nucleustechologies.com>

Description: Free Outlook OST viewer

Author: Nucleus Technologies

License: EULA (<https://www.nucleustechologies.com/eula.pdf>)

Version: 21.1

Notes:

## **Kernel PST Viewer**

Website: <https://www.nucleustechologies.com>

Description: Free Outlook PST viewer

Author: Nucleus Technologies

License: EULA (<https://www.nucleustechologies.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: 4.35

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: 7.31

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

Notes:

### **Binary Ninja**

Website: <https://binary.ninja>

Description: Decompiler, Disassembler, Debugger

Author: Vector 35

License: Non-commercial / Student License (<https://docs.binary.ninja/about/license.html>)

Version: 5.1.8104

Notes:

### **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: 9.1.0

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: 2.4.1  
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: 3.9.2  
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:

## **Dependencies**

Website: <https://github.com/lucasg/dependencies>  
Description: Rewrite of original "depends.exe"  
Author: lucasg  
License: MIT License (<https://github.com/lucasg/Dependencies/blob/master/LICENSE>)  
Version: 1.11.1  
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: 3.10  
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/](https://www.jetbrains.com/legal/docs/toolbox/license_personal/))

Version: 2025.1.2

Notes:

## **exeinfope**

Website: <https://github.com/ExeinfoASL/ASL>

Description: EXE, Packer, Compiler detection

Author: ExeinfoASL

License: None Listed

Version: 0.0.9.3

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: 3.1.1

Notes:

## **Ghidra**

Website: <https://github.com/NationalSecurityAgency/ghidra>

Description: Software Reverse Engineering framework

Author: National Security Agency

License: Apache License 2.0 (<https://github.com/NationalSecurityAgency/ghidra/blob/master/LICENSE>)

Version: 11.3.2

Notes:

## **hollows\_hunter**

Website: [https://github.com/hasherezade/hollows\\_hunter](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](https://github.com/hasherezade/hollows_hunter/blob/master/LICENSE))

Version: 0.4.1

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](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](https://github.com/hasherezade/mal_unpack/blob/master/LICENSE))  
Version: 0.9.9  
Notes:

## **MalCat**

Website: <https://malcat.fr>  
Description: Malware Analysis Tool  
Author: Malcat EL  
License: <https://malcat.fr/index.html#faq6>  
Version: 0.9.11  
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: 0.5.0  
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: 2.0.1  
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: 0.7.1  
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: 0.4.1  
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 Ochseneier  
License: As-Is, without warranty (<https://www.winitor.com/tools/pestudio/changes.log>)

Version: 9.61  
Notes:

## **pev**

Website: <https://github.com/mentebinaria/readpe>  
Description: PE Analysis toolkit  
Author: Fernando Mercés  
License: GNU General Public License v2.0 (<https://github.com/mentebinaria/readpe/blob/master/LICENSE>)  
Version: 0.82  
Notes:

## **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: 0.13.2  
Notes:

## **PPEE (puppy)**

Website: <https://www.mzrst.com/>  
Description: Professional PE file Explorer  
Author: Zaderostam  
License:  
Version: 1.13.1  
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/webhe>)  
Version: 1.22 (build 57)  
Notes: Requires Windows Graphviz and Windump/TCPDump, but Windump/TCPDump are not supported on Win10+

## **PSDecode**

Website: <https://github.com/CyberCentreCanada/assemblyline-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: 0.62.0  
Notes:



## **Reko**

Website: <https://github.com/uxmal/reko>

Description: Binary decompiler

Author: uxmal et al (<https://github.com/uxmal/reko/blob/master/AUTHORS>)

License: GNU General Public License 2.0 (<https://github.com/uxmal/reko/blob/master/COPYING>)

Version: 0.12.0

Notes:

## **Resource Hacker**

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

Description: Compiler and Decompiler for Windows applications

Author: Angus Johnson

License: Freeware (<https://www.angusj.com/resourcehacker> - License to Use)

Version: 5.2.8

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:

## **System Informer**

Website: <https://systeminformer.com>

Description: Process analysis and dumping tool

Author: Steven G (dmex) / Wen Jia Liu / WinSiderss

License: MIT License (<https://github.com/winsiderss/systeminformer/blob/master/LICENSE.txt>)

Version: 3.2.25011.2103

Notes: Formerly process hacker

## **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: 2.24  
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: 5.0.1  
Notes:

## **VB-Decompiler**

Website: <https://www.vb-decompiler.org>  
Description: Visual Basic Decompiler  
Author: DotFix Software  
License: <https://www.vb-decompiler.org/license.htm>  
Version: 12.7  
Notes:

## **WinDbg**

Website: <https://www.microsoft.com>  
Description: Windows Debugger  
Author: Microsoft  
License: Third-party Notices within app  
Version: 1.2502.25002.0  
Notes: retcode 2316632107 means no available upgrades

## **WinDepends**

Website: <https://github.com/hfiref0x/WinDepends>  
Description: Rewrite of Dependency Walker  
Author: hfiref0x  
License: MIT License (<https://github.com/hfiref0x/WinDepends/blob/master/LICENSE>)  
Version: 1.0.0.2510  
Notes: In Beta

## **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: 2025-03-15\_15-57

Notes:

## **Installers**

Decompile and deconstruct installers

### **Autolt Extractor**

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

Description: Autolt 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: 2025.10  
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: 2025.01.05  
Notes:

## **UnAutolt**

Website: <https://github.com/digitalsleuth/UnAutolt>  
Description: Autolt extractor  
Author: Corey Forman (digitalsleuth) / x0r19x91  
License: GNU General Public License v3 (<https://github.com/digitalsleuth/UnAutolt/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: 2.12.2

Notes:

## Event Log Explorer

Website: <https://eventlogxp.com/>

Description: Windows Event Log Parser

Author: FSPro

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

Version: 5.7

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: 0.9.0

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: 3.3.0

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-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: 2.40.0  
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: 3.4.0  
Notes:

### **Android Studio and SDK**

Website: <https://developer.android.com/>  
Description: Tools for debugging and accessing an Android device  
Author: Google  
License:

Version: 2024.3.2.15

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: 2.12.1

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: 2.12

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: 2.2.0

Notes:

## **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: 1.7

Notes: MSI install comes with everything required in 1.7+

## **jd-gui**

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

Description: GUI-based Java Decompiler

Author: Emmanuel Dupuy (emmanue1)

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: 3.2

Notes:

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

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

Description: Standalone tool to extract data from Apple Devices

Author: Christian Peter (prosch88)

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

Version: 0.9.9

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: 2.1.2

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:

## Cyotek WebCopy

Website: <https://www.cyotek.com/cyotek-webcopy>

Description: Website Copier

Author: Cyotek Ltd

License: End User License Agreement (<https://docs.cyotek.com/cyowcopy/current/licenseagreement.html>)

Version: 1.9.1.872

Notes: Automatically launches after install. Unfortunately this cannot be avoided.

## 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: 3.5

Notes:

## HTTrack (for Windows)

Website: <https://www.httrack.com>

Description: Website Copier

Author: Xavier Roche and other contributors

License: GNU General Public License v3 (<https://www.httrack.com/page/5/en/index.html>)

Version: 3.49.2

Notes: WinHTTrack is the Windows release of HTTrack

## 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: 3.3.1

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: 3.0

Notes:

## **PuTTY**

Website: <https://www.chiark.greenend.org.uk/~sgtatham/putty/>

Description: Free SSH and Telnet Client

Author: Simon Tatham

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

Version: 0.83

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: 6.5.3

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: 4.4.6

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: 1.18.0

Notes:

## **Raw Parsers / Decoders**

Basic tools for byte-level analysis of data blobs

### **Bulk Extractor**

Website: [https://digitalcorpora.org/downloads/bulk\\_extractor](https://digitalcorpora.org/downloads/bulk_extractor) & [https://github.com/simsong/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](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: 1.7.0

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.githubusercontent.com/digital-preservation/droid/master/license.md>)

Version: 6.9.3

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

## **H@x**

Website: <https://thefreetoolproject.eu>

Description: Hex Editor for Investigators

Author: <https://thefreetoolproject.eu/#DOWNLOADS>

License: GNU General Public License v3

Version: 1.1.6

Notes:

## **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: 7.50.04.8813

Notes:

## **HexWalk**

Website: <https://www.hexwalk.com>

Description: Hex Viewer and Editor

Author: Carmix

License: GNU General Public License v3 (<https://github.com/gcarmix/HexWalk/blob/main/LICENSE>)

Version: 1.9.1

Notes:

## **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](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](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: 5.14.13

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: 1.1.0

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: 2025.4.0.4899

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: 7.2

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](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](https://github.com/digitalsleuth/time_decode/blob/master/LICENSE))  
Version: 10.2.0  
Notes:

## **time-decode**

Website: [https://github.com/digitalsleuth/time\\_decode](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](https://github.com/digitalsleuth/time_decode/blob/master/LICENSE))  
Version: 10.1.0  
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/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/2651b87007440a15209cac29634a4e45/dotnetfx35.exe>

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: 6.0.36.34217

Notes:

### **.NET 8 Desktop Runtime**

Website: <https://microsoft.com>

Description: Windows Runtime component

Author: Microsoft

License: EULA

Version: 8.0.11.34221

Notes:

### **.NET 9 Desktop Runtime**

Website: <https://microsoft.com>

Description: Windows Runtime component

Author: Microsoft

License: EULA

Version: 9.0.5.34816

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-notice.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>)  
Version: 9.0.1  
Notes:

## **Git for Windows**

Website: <https://github.com/git-for-windows/git>  
Description: Version Control System for Windows  
Author: Git ([git-scm.com](https://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/LICENSE>  
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:

## **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: 21.0.7  
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: 9.0.1  
Notes:

## **Microsoft VC++ 2010 Redistributable**

Website: <https://microsoft.com>  
Description: Microsoft Visual C++ 2010 Redistributable  
Author: Microsoft  
License: EULA  
Version: 10.0.40219  
Notes:

## **Microsoft VC++ 2015 Build Tools**

Website: <https://microsoft.com>  
Description: Microsoft Visual C++ 2015 Build Tools  
Author: Microsoft  
License:  
Version: 15.9.36602.26  
Notes:

## **Microsoft VC++ 2017+ Redistributable**

Website: <https://microsoft.com>  
Description: Microsoft Visual C++ 2017+ Redistributable  
Author: Microsoft  
License: EULA  
Version: 14.44.35208.0  
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: 3.10.11150.0

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: 17.14.4 (2022)  
Notes: Installation and application are 17.14.4, but environment is 2022

## WSL 2 System Update

Website: [https://wslstorestorage.blob.core.windows.net/wslblob/wsl\\_update\\_x64.msi](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: 3.6.1  
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: 25.3  
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: 1.22.11141.0  
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: 9.3.3536.1  
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: 4.1.0.0  
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: 4.1.0.0  
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: 1.4.1

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>

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

Version: 2.3.0.1000

Notes:

## **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](https://fastcopy.jp/help/fastcopy_eng.htm#license)

Version: 5.9.0

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**

Website: <https://www.google.com/earth/about/versions/?gl=CA&hl=en#download-pro>

Description: Tool for viewing Google Maps through installed application

Author: Google

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

Version: 7.3.6.10441

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: 2.1.0

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: 4.72  
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: 4.72  
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: 1.8.1  
Notes:

## **megatools**

Website: <https://megatools.megous.com>  
Description: Mega.NZ downloader suite  
Author: [https://megatools.megous.com/man/megatools.html#\\_author](https://megatools.megous.com/man/megatools.html#_author)  
License: GNU General Public License v2 (<https://megous.com/git/megatools/tree/LICENSE>)  
Version: 1.11.4  
Notes:

## **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: 0.91.1  
Notes:

## **Monolith Notes**

Website: <https://www.monolithforensics.com/>  
Description: Forensic note taking and tracking tool  
Author: Monolith Forensics  
License: EULA

Version: 2.0.0  
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:

## **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: 4.7  
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-commercial)  
Version: 3.17  
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: 21.1.16.1

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: 1.26.24

Notes:

## **Virtualbox**

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

Description: Desktop virtualization software

Author: Oracle

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

Version: 7.1.10-169112

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: 3.0.21

Notes:

## **Voidtools Everything**

Website: <https://www.voidtools.com>

Description: File Search Utility

Author: David Carpenter

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

Version: 1.4.1.1027

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: 10.2.0

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: 1.10.390  
Notes:

## **WinMerge**

Website: <https://winmerge.org>  
Description: File Differencing Tool  
Author: Dean P. Grimm (Thingamahoochie Software)  
License: GNU General Public License v2.0 (<https://github.com/WinMerge/winmerge/blob/master/LICENSE.md>)  
Version: 2.16.48.2  
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: 4.5.5  
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

## **analyzeMFT**

Website: <https://github.com/rowingdude/analyzemft>

Description: Python tool to fully parse the MFT from an NTFS file system

Author: Benjamin Cance (rowingdude)

License: MIT License (<https://github.com/rowingdude/analyzeMFT/blob/master/LICENSE.txt>)

Version: 3.0.6.6

Notes:

## **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: 3.04

Notes:

## **Hibernation-Recon**

Website: <https://arsenalrecon.com>

Description: Tool to parse a Windows hibernation file

Author: Arsenal Recon

License: EULA

Version: 1.2.3.87

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: 2025.03

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](https://github.com/AbdulRhmanAlfaifi/Ink_parser)

Description: Parser for Windows LNK files

Author: AbdulRhman Alfaifi

License: MIT License ([https://github.com/AbdulRhmanAlfaifi/Ink\\_parser/blob/master/LICENSE](https://github.com/AbdulRhmanAlfaifi/Ink_parser/blob/master/LICENSE))

Version: 0.4.1

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: 2.0.0.53

Notes:

## **MFT Browser**

Website: [https://github.com/kacos2000/MFT\\_Browser](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](https://github.com/kacos2000/MFT_Browser/blob/master/LICENSE))

Version: 1.0.80

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: 1.30.19

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: 1.9

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: 2025.05.30

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:

## SilkETW

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/blob/master/LICENSE-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: 3.0

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: 2025.10.13 (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: 4.14.0

Notes:

## **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: 1.0.4.0

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: 0.74.3

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: 3.0.1014

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: 2.8.0  
Notes:

## **vssmount**

Website: [https://github.com/digitalsleuth/forensics\\_tools](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](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: 2025-05-29  
Notes: