

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: 23.0.1

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: 3.10.262

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: Available, but not installed by default

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: 2.68.0.36478

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: 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: 1.70

Notes:

OSFMount

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

Description: Drive / Disk / Image mounting tool

Category: Acquisition and Analysis

Author: PassMark

License: Free (EULA, contained in software)

Version: 3.1

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: 3.0

Notes:

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: 20.9 SR-3 x64

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

Chrome

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

Description: Google Web Browser

Author: Google

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

Version: 108.0.5359.72

Notes:

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:

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: 3.12.2

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: 23.2.1

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: 11.0

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: 12.67

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: 8.5.7

Notes:

OfficeMalScanner

Website: <http://www.reconstrucster.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: 0.0.71

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:

pdfid

Website: <https://github.com/didierstevens/didierstevenssuite>
Description: PDF Analysis Tool
Author: Didier Stevens
License: Public Domain
Version: 0.2.8
Notes:

pdf-parser

Website: <https://github.com/didierstevens/didierstevenssuite>
Description: PDF document parser
Author: Didier Stevens
License: Public Domain
Version: 0.7.8
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:

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:

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 (FEC)

Website: <https://metaspike.com>

Description: Local and Remote email acquisition tool

Author: Arman Gungor - Metaspike

License:

Version: 3.88.0.15

Notes: Available, but not installed by default

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

Notes:

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

Category: Email

Author: PST Walker

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

Version: 4.22

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: 7.19

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:

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:

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: 0.0.8.0
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:

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:

MalCat

Website: <https://malcat.fr>

Description: Malware Analysis Tool

Author: Malcat EL

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

Version: 0.9.2

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:

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: 0.6.5.2

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:

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: 0.3.6

Notes:

PEStudio

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

Description: PE Analysis Tool

Author: Marc Ochsenmeier

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

Version: 9.53

Notes:

pev

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

Description: PE Analysis toolkit

Author: Fernando Mercês

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: 0.12.12

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

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: 0.60.1

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: 5.1.8

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:

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

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: 12.2

Notes:

WinDbg

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

Description: Windows Debugger

Author: Microsoft

License: Third-party notices within app

Version: 1.2308.2002.0

Notes: Installed via winget

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: 2023-10-05_13-38

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: 2023.08

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: 2.7.3

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:

Event Log Explorer

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

Description: Windows Event Log Parser

Author: FSPro

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

Version: 5.4

Notes: 30 Day Trial

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: 0.8.1

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: 4.6.2.0

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-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:

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/master/LICENSE>)

Version: 3.1.1

Notes:

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:

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/master/LICENSE>)

Version: 1.18.1

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:

jd-gui

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

Description: GUI-based Java Decompiler

Author: Emmanuel Dupuy (emmanuel1)

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:

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

Brim

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

Description: Network Forensic GUI Tool using Zeek and Suricata

Author: Brim Data

License: GNU General Public License (GPL) (<https://github.com/brimdata/brim/blob/main/LICENSE.txt>)

Version: 0.31.0

Notes:

Burp Suite Community Edition

Website: <https://portswigger.net>

Description: Packet Intercept and Analysis Tool

Author: PortSwigger

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

Version: v2023.10.1.2

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:

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: 2.8.1

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: 0.79

Notes:

Telerik Fiddler

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

Description: Web debugging proxy tool

Author: Telerik

License:

Version: 5.0.20211.51073

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: 4.0.8

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: Zui is the renamed version of Brim

Raw Parsers / Decoders

Basic tools for byte-level analysis of data blobs

Bulk Extractor

Website: 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: 10.5.2

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: 2.2.23081.23

Notes: x86

DCode

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

Description: Timestamp encoder/decoder

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

License:

Version: 5.5.21194.40

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: 7.37.00.8578

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

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: 5.8.7

Notes:

Passware Encryption Analyzer

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

Description: Encryption detection tool for various file types

Author: Passware - Dmitry Sumin

License: EULA (<https://support.passware.com/hc/en-us/articles/221742768-What-are-the-terms-of-the-end-user-license-agreement-for-Passware-software->)

Version: 2023.3.1.3695

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 jsonlz4 file parser for Firefox

Author: Corey Forman

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

Version: 1.1

Notes: pyson4, pyson4.py

Redline

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

Description: Memory and File analysis tool

Author: FireEye

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

Version: 2.0

Notes:

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: Available, but not installed by default

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: 2.4.2

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

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: 4.2

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 Explorer

Website: <https://ericzimmerman.github.io>

Description: Registry analysis tool (part of EZ Tools / Zimmerman Tools)

Author: Eric Zimmerman

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

Version: 2.0.0.0

Notes:

Registry Viewer

Website: <https://exterro.com>

Description: Windows Registry hive viewer

Author: AccessData / Exterro

License: EULA

Version: 2.0.0.7

Notes: Installable, but not currently installed - no longer supported

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:

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: 3.4.7

Notes: Retcode 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: 23.3

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: 1.18.2681.0

Notes: Version depends on Windows OS version

WSL Setup

Website: <https://microsoft.com>

Description: Windows Subsystem for Linux setup

Author: Microsoft

License: EULA

Version: 1.2.5.0

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: 9.2.3406.1

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: Available, but not installed by default

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: 3.4.4

Notes: Available, but not installed by default

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: Available, but not downloaded by default

Encrypted Disk Detector (EDD)

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

Description: Detects encrypted disks

Author: Magnet Forensics

License: EULA

Version: 310

Notes: Standalone Utility

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: 5.4.1

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: Available, but not installed by default

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/)

Version: 7.3.4.8642

Notes: Available, but not installed by default

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: Available, but not installed by default

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:

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

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: 0.74.1

Notes:

Monolith Notes

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

Description: Forensic note taking and tracking tool

Author: Monolith Forensics

License: EULA

Version: 1.0.1

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: 4.2

Notes:

Tableau Firmware Update

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

Description: Firmware update utility for Tableau forensic devices

Author: OpenText

License: EULA

Version: 22.3.2

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: 3.10

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: 1.2

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: 1.20.14.0

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: Available, but not installed by default

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: Available, but not installed by default

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

Notes: Available, but not installed by default

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:

Wiebetechn Write Blocking Validation Utility

Website: <https://wiebetechn.com>

Description: Write blocker capability testing

Author: Wiebetechn

License: Free To Use

Version: 2.1.0.7

Notes: Available, but not installed by default

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: 1.5.2201

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: 2.16.32

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:

autotimeliner

Website: <https://github.com/andreafortuna/autotimeliner>

Description: Timeline generator using Sleuthkit and Volatility

Author: Andrea Fortuna

License: MIT License (<https://github.com/andreafortuna/autotimeliner/blob/master/LICENSE>)

Version: 1.1.0

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: Available, but not installed by default

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

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

Notes:

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: 1.30.6

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: 1.71

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:

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/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: 2023.09.29 (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

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: 1.0.3.9

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: 1.6.3

Notes: Available, but not installed by default

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: 0.7.0-3

Notes:

Volatility

Website: <https://github.com/volatilityfoundation/volatility>

Description: Memory analysis toolset

Author: <https://github.com/volatilityfoundation/volatility/blob/master/AUTHORS.txt>

License: GNU General Public License v2 (<https://github.com/volatilityfoundation/volatility/blob/master/LICENSE.txt>)

Version: 2

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:

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: 3.0.1005

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: 2023-05-18
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/2651b87007440a15209cac29>
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: 23.01
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: 23.006.20320
Notes:

Distorm3

Website: <https://github.com/gdabah/distorm>

Description: Disassembler Library for x86/x64

Author: Gil Dabah

License: <https://github.com/gdabah/distorm/blob/master/COPYING>

Version: 3.3.4

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 Runtime Environment

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

Description: Java Engine

Author: Oracle

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

Version: 8u361

Notes:

Microsoft Visual C++ Compiler for Python 2.7

Website: <https://visualstudio.microsoft.com/visual-cpp-build-tools/>

Description: Compiler for Python 2.7 to compile scripts on Windows

Author: Microsoft

License: EULA

Version: 9.0.1.30729

Notes:

Microsoft VC++ 2015 Build Tools

Website: <https://microsoft.com>

Description: Microsoft Visual C++ 2015 Build Tools

Author: Microsoft

License:

Version: 15.9.51

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:

Portals

Website: <https://portals-app.com>

Description: Desktop Organizer

Author: Ross Patterson

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

Version: 2.1.0.6

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 2

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/2.7/license.html>)

Version: 2.7.18

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:

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: 17.5.4 (2023)

Notes: Installation and application are 17.5.4, but environment is 2023

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: