

# GitHub - AlessandroZ/LaZagne: Credentials recovery project

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## Description

The **LaZagne project** is an open source application used to **retrieve lots of passwords** stored on a local computer. Each software stores its passwords using different techniques (plaintext, APIs, custom algorithms, databases, etc.). This tool has been developed for the purpose of finding these passwords for the most commonly-used software.

```
C:\Users\John\Desktop>laZagne.exe browsers

=====
                        The LaZagne Project
                        ! BANG BANG !
=====

----- Internet Explorer passwords -----

Password found !!!
Username: zapata@yahoo.com
Password: Zapata_Uive!
Site: https://www.facebook.com/

----- Firefox passwords -----

Password found !!!
Website: https://accounts.google.com
Username: zapata@gmail.com
Password: LaLuchaSigue!

Password found !!!
Website: https://www.facebook.com
Username: che.guevara@gmail.com
Password: hasta_siempre!

[+] 3 passwords have been found.
For more information launch it again with the -v option
elapsed time = 0.120000123978
```

This project has been added to [pupy](#) as a post-exploitation module. Python code will be interpreted in memory without touching the disk and it works on Windows and Linux host.

## Standalones

Standalones are now available here: <https://github.com/AlessandroZ/LaZagne/releases/>

## Installation

```
pip install -r requirements.txt
```

## Usage

- Launch all modules
- Launch only a specific module
- Launch only a specific software script

```
laZagne.exe browsers -firefox
```

- Write all passwords found into a file (-oN for Normal txt, -oJ for Json, -oA for All). Note: If you have problems to parse JSON results written as a multi-line strings, check [this](#).

```
laZagne.exe all -oN  
laZagne.exe all -oA -output C:\Users\test\Desktop
```

- Get help

```
laZagne.exe -h  
laZagne.exe browsers -h
```

- Change verbosity mode (2 different levels)
- Quiet mode (nothing will be printed on the standard output)

```
laZagne.exe all -quiet -oA
```

- To decrypt domain credentials, it could be done specifying the user windows password. Otherwise it will try all passwords already found as windows passwords.

```
laZagne.exe all -password ZapataVive
```

**Note: For wifi passwords \ Windows Secrets, launch it with administrator privileges (UAC Authentication / sudo)**

## Mac OS

**Note: In Mac OS System, without the user password it is very difficult to retrieve passwords stored on the computer.** So, I recommend using one of these options

- If you know the user password, add it in the command line

```
laZagne all --password SuperSecurePassword
```

- You could use the interactive mode that will prompt a dialog box to the user until the password will be correct

## Supported software

	<b>Windows</b>	<b>Linux</b>	<b>Mac</b>
Browsers	7Star Amigo Basilisk BlackHawk Brave Centbrowser Chedot Chrome Beta Chrome Canary Chromium Coccoc Comodo Dragon Comodo IceDragon Cyberfox DCBrowser Elements Browser Epic Privacy Browser Firefox Google Chrome Icecat K-Meleon Kometa Microsoft Edge Opera Opera GX Orbitum QQBrowsers pale Moon SogouExplorer Sputnik Torch Uran	Brave Chromium Dissenter-Browser Firefox Google Chrome IceCat Microsoft Edge Opera SlimJet Vivaldi	Chrome Firefox

	<b>Windows</b>	<b>Linux</b>	<b>Mac</b>
	Vivaldi Yandex		
Chats	Pidgin Psi Skype	Pidgin Psi	
Databases	DBVisualizer Postgresql Robomongo Squirrel SQLdeveloper	DBVisualizer Squirrel SQLdeveloper	
Games	GalconFusion Kalypsomedia RogueTale Turba		
Git	Git for Windows		
Mails	Epyrus Interlink Outlook Thunderbird	Clawsmail Thunderbird	
Maven	Maven Apache		
Dumps from memory	Keepass Mimikatz method	System Password	
Multimedia	EyeCON		
PHP	Composer		
SVN	Tortoise		
Sysadmin	Apache Directory Studio CoreFTP CyberDuck FileZilla FileZilla Server FTPNavigator OpenSSH OpenVPN mRemoteNG	Apache Directory Studio AWS Docker Environnement variable FileZilla gFTP History files Shares SSH private keys	

	Windows	Linux	Mac
	KeePass Configuration Files (KeePass1, KeePass2) PuttyCM Rclone RDPManager VNC WinSCP Windows Subsystem for Linux	KeePass Configuration Files (KeePassX, KeePass2) Grub Rclone	
Wifi	Wireless Network	Network Manager WPA Supplicant	
Internal mechanism passwords storage	Autologon MSCache Credential Files Credman DPAPI Hash Hashdump (LM/NT) LSA secret Vault Files	GNOME Keyring Kwallet Hashdump	Keychains Hashdump

## Compile

- Using Pyinstaller

```
pyinstaller --additional-hooks-dir=. -F --onefile laZagne.py
```

- Using Nuitka

```
python3 -m nuitka --standalone --onefile --include-package=lazagne laZagne.py
```

## For developers

Please refer to the wiki before opening an issue to understand how to compile the project or to develop a new module. <https://github.com/AlessandroZ/LaZagne/wiki>

## Donation

If you want to support my work doing a donation, I will appreciate a lot:

- Via BTC: 16zJ9wTXU4f1qfMLiWvdY3woUHtEBxyriu
- Via Paypal: <https://www.paypal.me/lazagneproject>

## Special thanks

- Harmjoy for [KeeThief](#)
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- N0fat for [Chainbreaker](#)
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- Todd Whiteman for the [DES module](#)
- mitya57 for [secretstorage](#)
- All [contributors](#) who help me on this project

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Source: <https://github.com/AlessandroZ/LaZagne>