

GitHub - moonD4rk/HackBrowserData: Extract and decrypt browser data, supporting multiple data types, runnable on various operating systems (macOS, Windows, Linux).

By hackbrowserdata-bot[bot]

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HackBrowserData



HackBrowserData is a command-line tool for decrypting and exporting browser data (passwords, history, cookies, bookmarks, credit cards, download history, localStorage and extensions) from the browser. It supports the most popular browsers on the market and runs on Windows, macOS and Linux.

Disclaimer: This tool is only intended for security research. Users are responsible for all legal and related liabilities resulting from the use of this tool. The original author does not assume any legal responsibility.

Recent Updates

Firefox 144+ Support

HackBrowserData now supports decryption of saved passwords in Firefox 144 and later versions.

Starting from Firefox 144, Mozilla migrated password encryption from 3DES to AES-256-CBC to enhance security. HackBrowserData has been updated accordingly and remains fully compatible with the latest Firefox encryption scheme.

For more details:

- [Firefox 144.0 Release Notes](#)
- [How Firefox securely saves passwords](#)

Supported Browser

Windows

Browser	Password	Cookie	Bookmark	History
Google Chrome	✓	✓	✓	✓
Google Chrome Beta	✓	✓	✓	✓
Chromium	✓	✓	✓	✓
Microsoft Edge	✓	✓	✓	✓
360 Speed	✓	✓	✓	✓
QQ	✓	✓	✓	✓
Brave	✓	✓	✓	✓
Opera	✓	✓	✓	✓
OperaGX	✓	✓	✓	✓
Vivaldi	✓	✓	✓	✓
Yandex	✓	✓	✓	✓
CocCoc	✓	✓	✓	✓
Firefox	✓	✓	✓	✓
Firefox Beta	✓	✓	✓	✓
Firefox Dev	✓	✓	✓	✓
Firefox ESR	✓	✓	✓	✓
Firefox Nightly	✓	✓	✓	✓
Internet Explorer	✗	✗	✗	✗

MacOS

Based on Apple's security policy, some browsers **require a current user password** to decrypt.

Browser	Password	Cookie	Bookmark	History
Google Chrome	✓	✓	✓	✓
Google Chrome Beta	✓	✓	✓	✓
Chromium	✓	✓	✓	✓

Browser	Password	Cookie	Bookmark	History
Microsoft Edge	✓	✓	✓	✓
Brave	✓	✓	✓	✓
Opera	✓	✓	✓	✓
OperaGX	✓	✓	✓	✓
Vivaldi	✓	✓	✓	✓
CocCoc	✓	✓	✓	✓
Yandex	✓	✓	✓	✓
Arc	✓	✓	✓	✓
Firefox	✓	✓	✓	✓
Firefox Beta	✓	✓	✓	✓
Firefox Dev	✓	✓	✓	✓
Firefox ESR	✓	✓	✓	✓
Firefox Nightly	✓	✓	✓	✓
Safari	✗	✗	✗	✗

Linux

Browser	Password	Cookie	Bookmark	History
Google Chrome	✓	✓	✓	✓
Google Chrome Beta	✓	✓	✓	✓
Chromium	✓	✓	✓	✓
Microsoft Edge Dev	✓	✓	✓	✓
Brave	✓	✓	✓	✓
Opera	✓	✓	✓	✓
Vivaldi	✓	✓	✓	✓
Firefox	✓	✓	✓	✓
Firefox Beta	✓	✓	✓	✓

Browser	Password	Cookie	Bookmark	History
Firefox Dev	✓	✓	✓	✓
Firefox ESR	✓	✓	✓	✓
Firefox Nightly	✓	✓	✓	✓

Getting started

Install

Installation of `HackBrowserData` is dead-simple, just download [the release for your system](#) and run the binary.

In some situations, this security tool will be treated as a virus by Windows Defender or other antivirus software and can not be executed. The code is all open source, you can modify and compile by yourself.

Building from source

only support `go 1.20+` with go generics.

```
$ git clone https://github.com/moonD4rk/HackBrowserData
$ cd HackBrowserData/cmd/hack-browser-data
$ go build
```

Cross compile

Here's an example of use `macOS` building for `Windows` and `Linux`

For Windows

```
GOOS=windows GOARCH=amd64 go build
```

For Linux

```
GOOS=linux GOARCH=amd64 go build
```

Run

You can double-click to run, or use command line.

```

PS C:\Users\moond4rk\Desktop> .\hack-browser-data.exe -h
NAME:
    hack-browser-data - Export passwords|bookmarks|cookies|history|credit cards|download history|local
USAGE:
    [hack-browser-data -b chrome -f json --dir results --zip]
    Export all browsing data (passwords/cookies/history/bookmarks) from browser
    Github Link: https://github.com/moonD4rk/HackBrowserData
VERSION:
    0.4.6

GLOBAL OPTIONS:
    --verbose, --vv                verbose (default: false)
    --compress, --zip             compress result to zip (default: false)
    --browser value, -b value     available browsers: all|360|brave|chrome|chrome-beta|chromium|c
    --results-dir value, --dir value export dir (default: "results")
    --format value, -f value      output format: csv|json (default: "csv")
    --profile-path value, -p value custom profile dir path, get with chrome://version
    --full-export, --full         is export full browsing data (default: true)
    --help, -h                   show help
    --version, -v                print the version

```

For example, the following is an automatic scan of the browser on the current computer, outputting the decryption results in `JSON` format and compressing as `zip`.

```

PS C:\Users\moond4rk\Desktop> .\hack-browser-data.exe -b all -f json --dir results --zip

PS C:\Users\moond4rk\Desktop> ls -l .\results\
    Directory: C:\Users\moond4rk\Desktop\results

Mode                LastWriteTime         Length Name
----                -
-a----             7/15/2024 10:55 PM         44982 results.zip

```

Run with custom browser profile folder

If you want to export data from a custom browser profile folder, you can use the `-p` parameter to specify the path of the browser profile folder. PS: use double quotes to wrap the path.

```

PS C:\Users\moond4rk\Desktop> .\hack-browser-data.exe -b chrome -p "C:\Users\User\AppData\Local\Micro

[NOTICE] [browsingdata.go:59,Output] output to file results/chrome_creditcard.csv success
[NOTICE] [browsingdata.go:59,Output] output to file results/chrome_bookmark.csv success
[NOTICE] [browsingdata.go:59,Output] output to file results/chrome_cookie.csv success
[NOTICE] [browsingdata.go:59,Output] output to file results/chrome_history.csv success

```

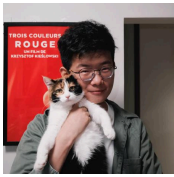








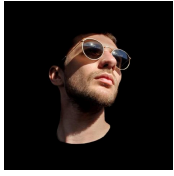









```
[NOTICE] [browsingdata.go:59,Output] output to file results/chrome_download.csv success  
[NOTICE] [browsingdata.go:59,Output] output to file results/chrome_password.csv success
```

Contributing

We welcome and appreciate any contributions made by the community (GitHub issues/pull requests, email feedback, etc.).

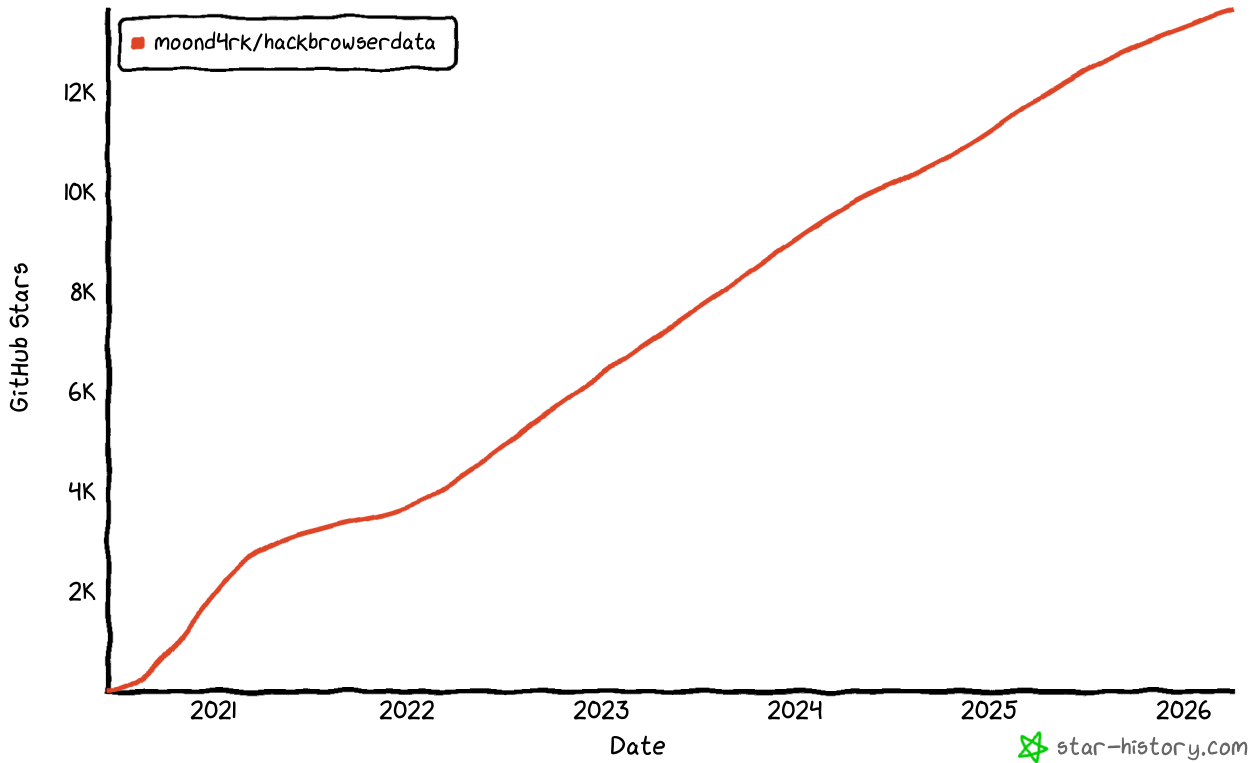
Please see the [Contribution Guide](#) before contributing.

Contributors

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Stargazers over time

Star History



404StarLink 2.0 - Galaxy

HackBrowserData is a part of 404Team [StarLink-Galaxy](#), if you have any questions about HackBrowserData or want to find a partner to communicate with, please refer to the [Starlink group](#).



Starlink

JetBrains OS licenses

HackBrowserData had been being developed with GoLand IDE under the **free JetBrains Open Source license(s)** granted by JetBrains s.r.o., hence I would like to express my thanks here.



Source: <https://github.com/moonD4rk/HackBrowserData>