

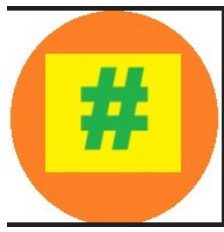


Check Hash Version 1.0

Prepared by: Alok Purohit

OpenSource Licensed under the Apache License, Version 2.0
On Beta Testing , Request to Share Feedback Github.
<https://github.com/AGeek09/CheckHash>

CheckHash V1.0 | Alok Purohit



Check Hash

- While using this software we get Hash of any file in less than 3 Second.
- Simply Right click on any file -> CheckHash
- CMD window will show the HashValue of file in SHA-256 , SHA-1 , MD-5.
- OpenSource Project link :
<https://github.com/AGeek09/CheckHash>

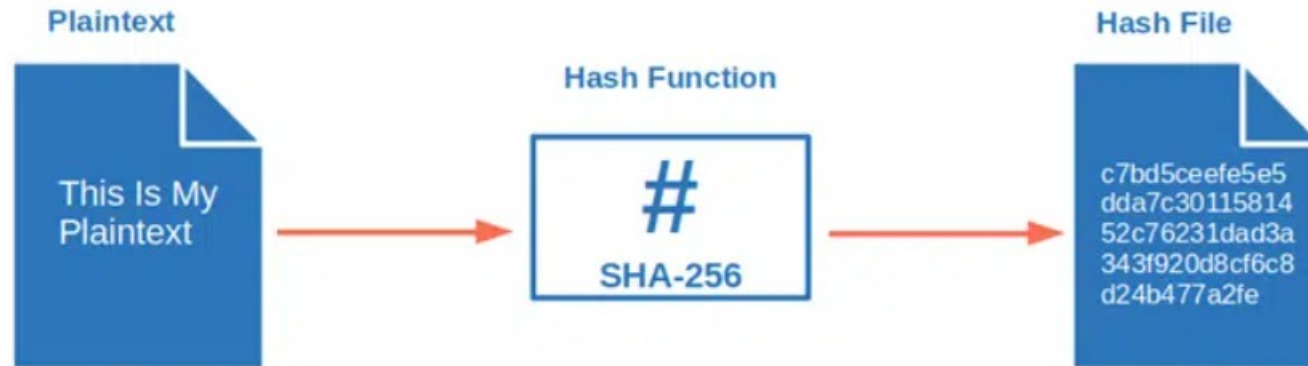
Introduction



- A file hash is a unique signature for data that helps to identify it in a verifiable way. A file hash can be used for various purposes, including protecting the integrity of files, software, and data (i.e., proving that no one has tampered with the data) and deduping (de-duplicating) data.
- A hash digest (i.e., the output of a hash function, which is also sometimes called a hash value) is a bit like a file's fingerprint, and much like a human fingerprint, it's also used for authenticating someone's (or something's) identity. However, a file hash does much more than that. It can also be used to:
 - Ensure the integrity of a file,
 - Help you protect files or software code from tampering, and
 - Protect stored passwords.
- Think of a file hash much like how you use labels to identify files in a filing cabinet. How? This is done through applying a mathematical formula (more on that in a few minutes) that transforms any data input of any size into a unique, fixed-length hexadecimal string.

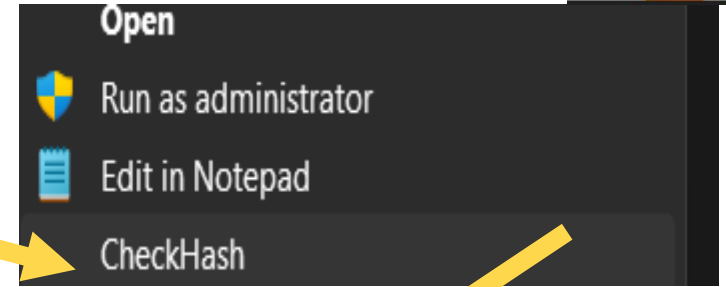
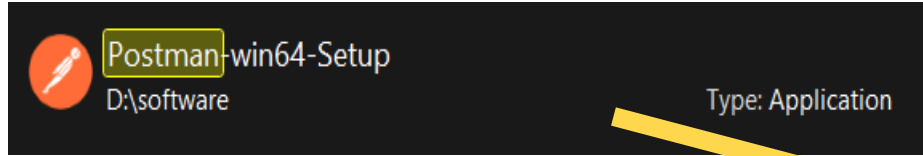


How File Hashing Works



The graphic shows how a simple sentence like “This Is My Plaintext” is transformed in a file hash using the SHA-256 algorithm.

Figure: CheckHash WorkFlow



(A)

(B)

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=====***=====
*** CheckHash V1.0 *** | DeveloP by : ALOK PUROHIT
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Hashes for Path : D:\software\Postman-win64-Setup.exe:

MD5: 81a620e8a7f35bd01eba9c4e2d36b300

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SHA1: 8069fb754feafd3e2a05e3831df070d2bbe3a350

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SHA256: 1ae008518035cd5d8d80ab3a9060ca2638b9f0973a78d842833a1692f5566f47

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=====***=====
Press ENTER to exit
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(C)