

# Hash calculators on windows

@mmar



**Hashing** is the practice of transforming a string of characters into another value for the purpose of security. Although many people may use the terms hashing and encryption interchangeably, hashing is always used for the purposes of one-way encryption, and hashed values are very difficult to decode

Hashing is used for integrity checking. You can check if some file has been modified by comparing the hash values

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*Different Hashing Tools  
on Windows*

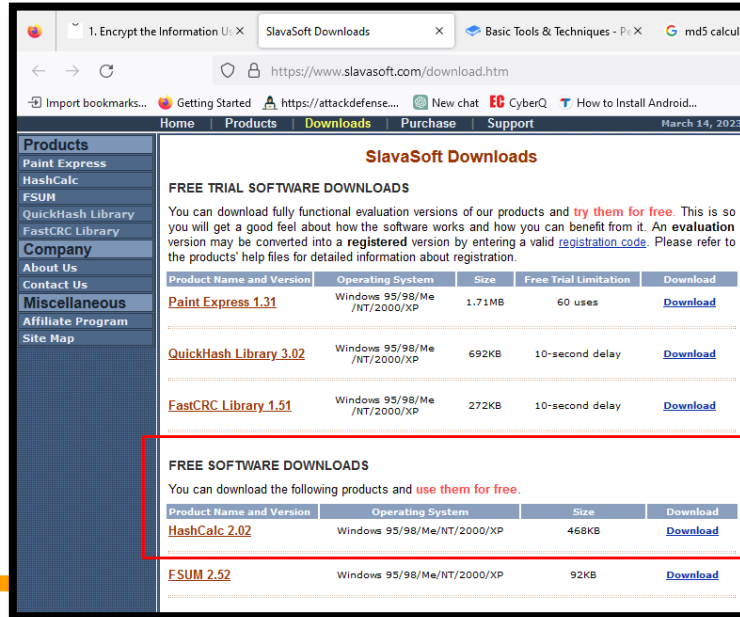


# Hashcalc

# Hashcalc

❖ Download and install the tool

<https://www.slavasoft.com/download.htm>



The screenshot shows a web browser window displaying the 'SlavaSoft Downloads' page. The page has a navigation menu with 'Downloads' selected. The main content area is titled 'SlavaSoft Downloads' and is divided into two sections: 'FREE TRIAL SOFTWARE DOWNLOADS' and 'FREE SOFTWARE DOWNLOADS'. The 'FREE TRIAL SOFTWARE DOWNLOADS' section includes a table with columns for Product Name and Version, Operating System, Size, Free Trial Limitation, and Download. The 'FREE SOFTWARE DOWNLOADS' section includes a table with columns for Product Name and Version, Operating System, Size, and Download.

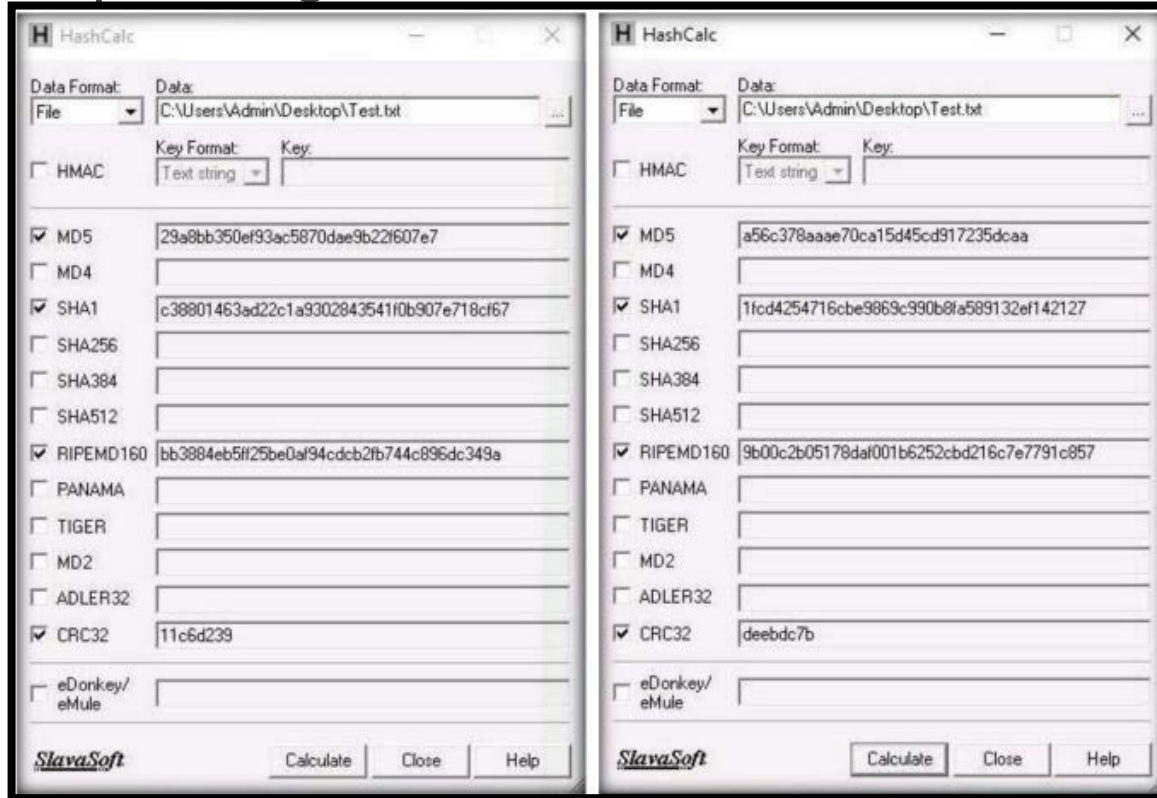
Product Name and Version	Operating System	Size	Free Trial Limitation	Download
<a href="#">Paint Express 1.31</a>	Windows 95/98/Me /NT/2000/XP	1.71MB	60 uses	<a href="#">Download</a>
<a href="#">QuickHash Library 3.02</a>	Windows 95/98/Me /NT/2000/XP	692KB	10-second delay	<a href="#">Download</a>
<a href="#">FastCRC Library 1.51</a>	Windows 95/98/Me /NT/2000/XP	272KB	10-second delay	<a href="#">Download</a>

Product Name and Version	Operating System	Size	Download
<a href="#">HashCalc 2.02</a>	Windows 95/98/Me/NT/2000/XP	468KB	<a href="#">Download</a>
<a href="#">FSUM 2.52</a>	Windows 95/98/Me/NT/2000/XP	92KB	<a href="#">Download</a>

# Hashcalc

- ❖ Select any file to get its hash value



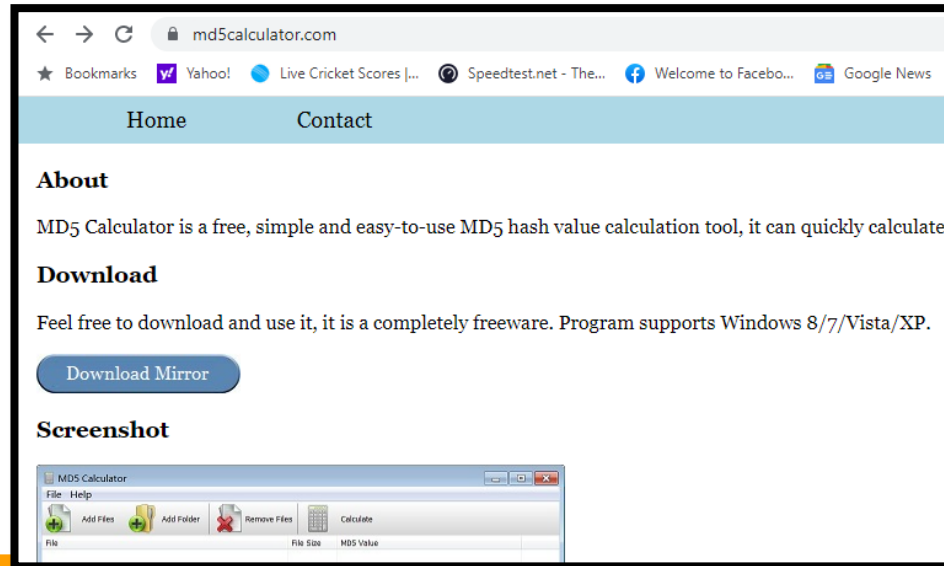


# MD5 Calculator

# MD5 calc

❖ Download and install the tool

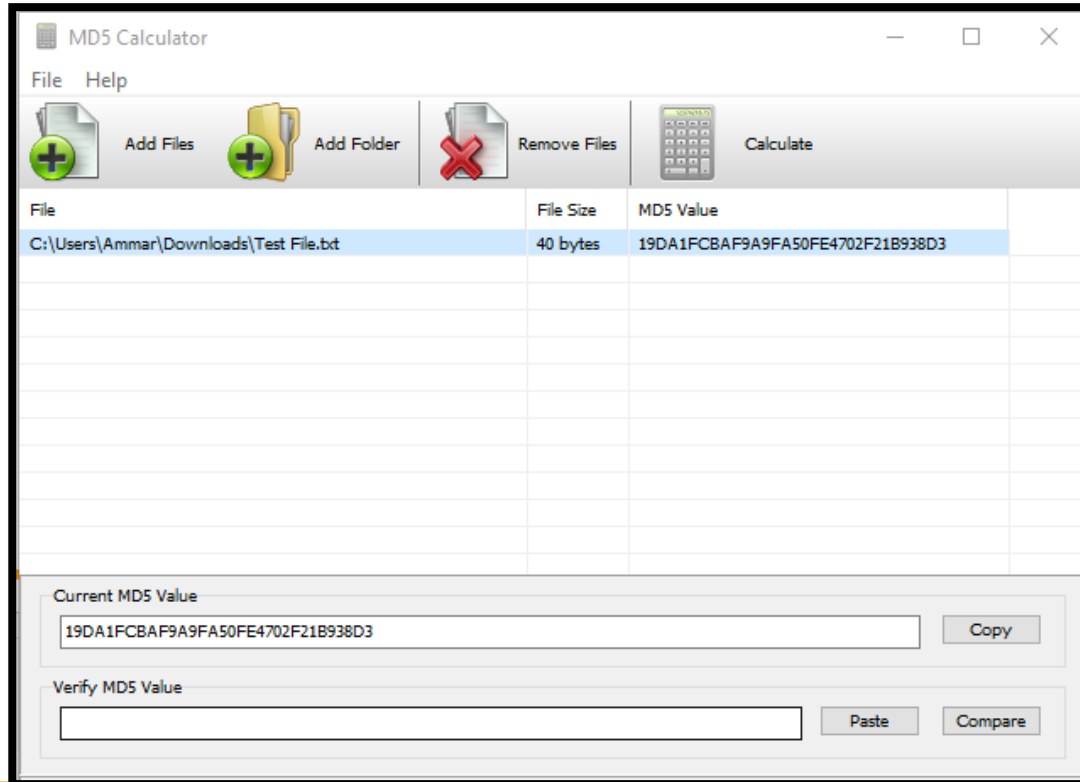
<https://md5calculator.com/>





# MD5 calc

- ❖ Select any file to get its hash value or compare the hash





# HashMyFiles

# Hash My Files

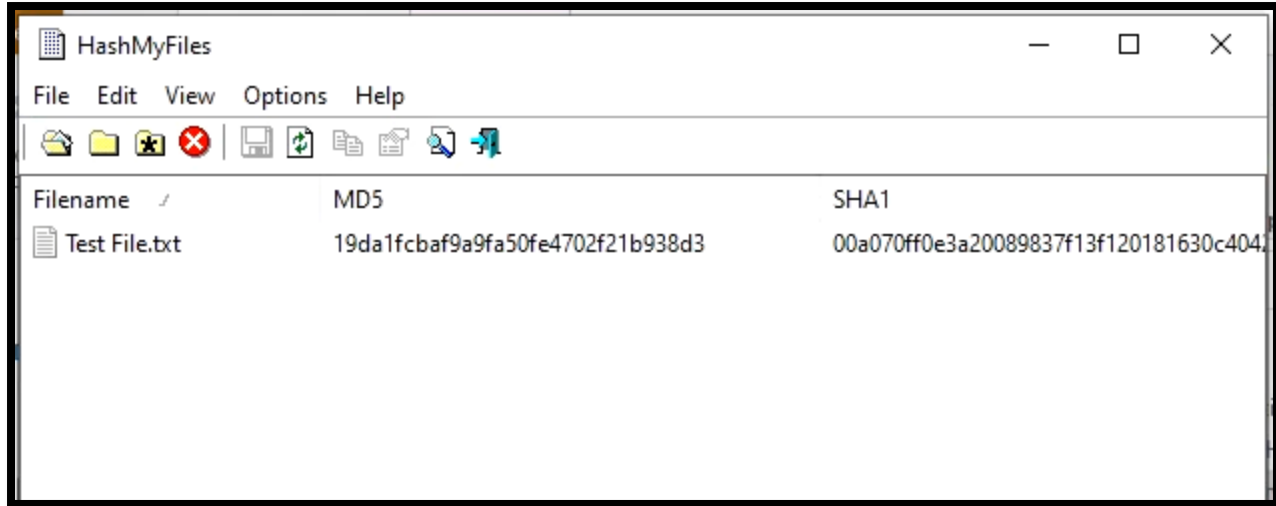
- ❖ Download and install the tool

[https://www.nirsoft.net/utis/hash\\_my\\_files.html](https://www.nirsoft.net/utis/hash_my_files.html)



# Hash My Files

- ❖ Select any file to get its hash value or compare the hash



DEMO



**THANKS**