

Forum:[Hack Forums](#)

Thread: [\[RELEASE\] HUMMINGBIRD v0.1 - VERY FAST MD5 HASH CRACKER](#)
[\[MULTITHREADED\]](#) [\[OPEN SOURCE\]](#)

malo1992 - June 30, 2011, 6:29 am

!!! HUMMINGBIRD VERSION 0.1 !!!
PASSWORD RECOVERY TOOL FOR MD5 HASHS
USING BRUTE FORCE

Probably one of the fastest CPU-based MD5 hash brute forcer that you ever used!

PICTURES

[IMG]<http://img204.imageshack.us/img204/3194/hummingbird1.jpg>[/IMG]

[IMG]<http://img3.imageshack.us/img3/3910/hummingbird3b.jpg>[/IMG]

[IMG]<http://img703.imageshack.us/img703/2554/hummingbird4.jpg>[/IMG]

CREDITS

I could not have developed this application without the great work of Anthony Williams (boost/thread, <http://www.boost.org/>) and Benjamin Grüdelbach (hashlib++, <http://hashlib2plus.sourceforge.net/>).

INSTALLATION

What about extracting the .rar-file?

HOW IT WORKS

Hummingbird attacks a given hash string with a so-called "bruteword" (= every possible character combination) by encrypting it and then comparing this MD5 with the given one. When a matching bruteword is found, the application stops the attack and creates a textfile with the results.

ABOUT THE SOURCE CODE

To compile the source code, you will need to download the Boost C++ Library (<http://www.boost.org/>) and apply it correctly to the project.

THE MD5 HASH CREATOR

The hummingbird01.rar contains this little program as an extra feature.
You may use it for testing hummingbird or whatever.

ADDITIONAL INFORMATION

Hummingbird v0.1 has only been tested on a Windows XP 32-bit System. On Vista/Win7 may possibly occur errors, I don't know. Please post a feedback here.

Due to the excessive multithreading, which makes hummingbird so fast(it checks 8 brutewords in 1 cpu step), you probably won't be able to use high-demanding 3D applications during the brute force attack. Additionally, the less programs

are running on your system

at once, the faster hummingbird works. Check the system load with your Taskmanager for further information.

The example.txt file in the .rar contains an MD5 hash that means "malo". On MY computer(core 2 duo 1,86 Ghz, 2GB RAM)

hummingbird gets it in about 30 seconds by attacking with lower case letters. I tested four other MD5 brute forcers(two of

them found on HF), until I had enough of their slowness and coded my own one. Each of these needed at

least 6 minutes for my encrypted "malo" string. And that sucked.

DOWNLOAD

<http://www.mediafire.com/?594t6nsuc9pokw5>

VIRUS SCAN

Spoiler ([Click to View](#))

File name: Hummingbird01.rar

Submission date: 2011-06-30 13:46:11 (UTC)

Current status: finished

Result: 0/ 42 (0.0%)

Antivirus	Version	Last Update	Result
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AhnLab-V3	2011.06.30.01	2011.06.30	-
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AntiVir	7.11.10.172	2011.06.30	-
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Antiy-AVL	2.0.3.7	2011.06.30	-
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Avast	4.8.1351.0	2011.06.30	-
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Avast5	5.0.677.0	2011.06.30	-
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AVG	10.0.0.1190	2011.06.30	-
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BitDefender	7.2	2011.06.30	-
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CAT-QuickHeal	11.00	2011.06.30	-
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ClamAV	0.97.0.0	2011.06.30	-
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CommTouch	5.3.2.6	2011.06.30	-
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Comodo	9231	2011.06.30	-
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DrWeb	5.0.2.03300	2011.06.30	-
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eSafe	7.0.17.0	2011.06.29	-
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eTrust-Vet	36.1.8418	2011.06.30	-
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F-Prot	4.6.2.117	2011.06.30	-
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F-Secure	9.0.16440.0	2011.06.30	-
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Fortinet	4.2.257.0	2011.06.30	-
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GData	22	2011.06.30	-
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Ikarus	T3.1.1.104.0	2011.06.30	-
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Jiangmin	13.0.900	2011.06.29	-
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K7AntiVirus	9.106.4856	2011.06.29	-
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Kaspersky	9.0.0.837	2011.06.30	-
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McAfee	5.400.0.1158	2011.06.30	-
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McAfee-GW-Edition	2010.1D	2011.06.30	-
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Microsoft	1.7000	2011.06.30	-
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NOD32	6252	2011.06.30	-
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Norman	6.07.10	2011.06.30	-
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nProtect	2011-06-30.01	2011.06.30	-
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Panda	10.0.3.5	2011.06.30	-
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PCTools	8.0.0.5	2011.06.30	-
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Prevx 3.0 2011.06.30 -
Rising 23.64.03.03 2011.06.30 -
Sophos 4.66.0 2011.06.30 -
SUPERAntiSpyware 4.40.0.1006 2011.06.30 -
Symantec 20111.1.0.186 2011.06.30 -
TheHacker 6.7.0.1.245 2011.06.29 -
TrendMicro 9.200.0.1012 2011.06.30 -
TrendMicro-HouseCall 9.200.0.1012 2011.06.30 -
VBA32 3.12.16.3 2011.06.29 -
VIPRE 9729 2011.06.30 -
ViRobot 2011.6.30.4542 2011.06.30 -
VirusBuster 14.0.103.0 2011.06.30 -

Additional information

MD5 : 474508fa0ad1f567eb90b37e2c485d33

SHA1 : d62de97d6e6e5217db26d21607250d958ff9df3e

SHA256: 716c49de15a2dbadbb8e8a05d205c425d7dc051d37ac4a47e1ebc889088e76a4

That's it. Have fun.

Best regards,
malo

Germany, 6-30-2011

zer0day - June 30, 2011, 6:34 am

Thanks for sharing, going to check it out when I get home.

malo1992 - June 30, 2011, 7:01 am

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Spoiler ([Click to View](#))

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Microsoft 1.7000 2011.06.30 -
NOD32 6252 2011.06.30 -
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SHA256: 716c49de15a2dbadbb8e8a05d205c425d7dc051d37ac4a47e1ebc889088e76a4

ignite2030 - June 30, 2011, 7:24 am

Thanks for posting this tutorial.

Ever had any success with the program? I read it should take forever to crack MD5 hash on an average computer.

malo1992 - June 30, 2011, 8:20 am

Yeah ignite, you're right ? I once stole a little user:password list from a german programming forum via SQLi, but every brute force program I tried was soo fucking slow. That's why I coded my own one.

As I already mentioned in my opening post, hummingbird busts the MD5 of "malo" in 30-40 seconds, when [this one](#), for example, takes about 7-8 minutes for the same string and with the same settings(not to make freyr's contribution bad, it's just a fact.)

Anyway, I'm starting to attack the hashes in my list tomorrow morning with hummingbird and I hope that this won't take too long ?

The problem is that i've got 100 % CPU utilization(says my taskmgr) during the attack, thus I can't play my games, and that's exactly what I'm going to do this evening ^^ (I live in germany, it's 5:20 pm here)

Whatever, tomorrow I'll see how good my program REALLY is. ?

M8R-qvr3e1 - June 30, 2011, 8:45 am

(Jun 30, 2011 07:24 AM)ignite2030 Wrote: [\[CITE\]](#) Thanks for posting this tutorial.

Ever had any success with the program? I read it should take forever to crack MD5 hash on an average computer.

Code <http://www.lockdown.co.uk/?pg=combind> depends on the password

iolaka - June 30, 2011, 8:46 am

Does this support salted MD5 hashes?

malo1992 - June 30, 2011, 9:03 am

(Jun 30, 2011 08:46 AM)iolaka Wrote: [\[CITE\]](#) Does this support salted MD5 hashes?No, not yet. Maybe I'll add this later on, just like some SHA1 and SHA256-SHA512 functions. We'll see...

Anyway, it's open source, so if you don't want to wait -> upgrade it!

cicaglisa - February 11, 2013, 12:05 am

Download link is dead... Anyone has source code laying around somewhere?

PedroDJ - February 11, 2013, 12:06 am

(Feb 11, 2013 01:05 AM)cicaglis Wrote: [\[CITE\]](#) Download link is dead... Anyone has source code laying around somewhere?

Thread little bit outdated: 06-30-2011, 04:29 PM (This post was last modified: 06-30-2011 08:22 PM by malo1992.)

cicaglisa - February 11, 2013, 12:11 am

Yeah I know, but I haven't found any other multi threaded brute forcing tool source code that would fit my needs besides this one, so I gave it a shot... :/ Hopefully someone will have it..

NewMen2 - February 11, 2013, 10:07 am

Thanks for sharing, going to check it out when I get home.

Mayzer™ - February 11, 2013, 10:02 pm

Hi, Looks like mediafire took it down would you mind sending me a copy or re-upp'n?

Cheers :)

malo1992 - April 13, 2015, 6:03 am

Damn, all that stuff happend 4 years ago! Time flies by....

Anyway, due to some requests I reupped the whole thing. Hoping those who were interested are still alive.

NEW DOWNLOAD LINK (source code + binary)

<http://www.mediafire.com/download/ap5zt9eol9jztw5/Hummingbird01.rar>

CAUTION! I don't know why the f*ck Icarus detects anything. Nor do I care - probably not being able to change it anyway. Accordingly, everything happens on your own risk.

<https://www.virustotal.com/de/file/716c49de15a2dbadbb8e8a05d205c425d7dc051d37ac4a47e1ebc889088e76a4/analysis/1428929943/>

Spoiler ([Click to View](#))SHA256:

716c49de15a2dbadbb8e8a05d205c425d7dc051d37ac4a47e1ebc889088e76a4

Dateiname: Hummingbird01.rar

Erkennungsrate: 1 / 55

Analyse-Datum: 2015-04-13 12:59:03 UTC (vor 1 Minute)

Ikarus Backdoor.Poison 20150413

Happy cracking.

Cheers