

## Forum:[Hack Forums](#)

Thread: [How to Make your file UD w/ Hex Editing! \[Noob Friendly w/ Pictures!!\]](#)

O?KL?Y - August 14, 2009, 2:19 pm

Hey ppl!

I know that a lot of people new to hacking don't know how to Hex edit files. This isn't always the most efficient way to make a file UD but it works ?

Ok lets get started.

The first thing you need to do before we get started is download a hex editor. I prefer Hex Workshop:

[http://http://download.cnet.com/Hex-Workshop/3000-2352\\_4-10004918.html?part=dl-HexWorksh&subj=dl&tag=button](http://http://download.cnet.com/Hex-Workshop/3000-2352_4-10004918.html?part=dl-HexWorksh&subj=dl&tag=button)

Now we open it up and this is what it should look

like:

Next we're going to open our RAT server or whatever for editing. Go to File>Open and open your file. Now you'll see a ton of numbers and letters like

this:

If you want to know what all this crap means click the spoiler, but if you don't care then just skip over it. Trust me I won't get pissed off at all if you do.

Spoiler ([Click to View](#)) Congratulations! you actually wanted to know! All these numbers and letters are known as Hexidecimal Notation. There are exactly 16 hex digits, numbers 0 - 9 and letters A - F. Every two hex digits makes a byte. This is all data that the computer can read. The editor has 3 sections. The one in the middle is the Hex Section where the contents of the file are displayed as arrays of hex bytes. The Left section is the address or offset section. It shows the first byte of the array of hex digits. Last but not least the section all the way to the right is the ANSI section which shows the contents in characters. When an AV scans a file, it looks through the arrays of bytes for lines in its virus database. What we need to do to make it Undetectable is replace the detected lines with lines of hex bytes that mean the same thing but aren't in the AV's database. Most AV's have 1 - 3 different strings of a certain file Now that thats all explained lets get back to editing.

The First thing you need to do is cut the file in half. So go to the middle of the file in the hex section and highlight all the way down to the bottom and then right-click, and choose fill and then type "00" without quotes and remeber the Offset(left most section) you cut it at!!. Next go to File>Save as and type something like tophalf.exe. Now your file should look like this at the middle:



After you save it re-open your original file and this time cut off the top half above the offset that you cut the bottom half from. Save as bottomhalf.exe.

Now you should have 2 files. Scan both with your AV. If both of the files are detected Congratz! you just isolated all of the detected signatures to two files. If one files are detected you're in luck! Go all the way back to step 1 and split the file again until both files are detected. Now that you have 2 files open one for editing and keep filling the lines about 50 at a time with 00, saving as a new filename and scanning(remember where you cut it each time). Finally, when the file isn't detected anymore, open it and if you can remember what offset you cut it at, go down one line at a time and fill it and save it until it isn't detected. When it isn't detected you're almost done! Not many people are this patient. Go to the Line that's detected



Note: your file will probably not look like this.

and look at the Section to the right. There should be some numbers, letters and dots. all you should

have to do to make the file UD is change an uppercase letter into a lowercase letter. Or you can change a letter like "N" into "O". Now scan the file with your AV to make sure it isn't detected. REMEMBER THE OFFSET AND WHAT YOU CHANGED!!!. do the exact same thing you did with bottom half that you did with the top half. Now that you have both lines to make the file undetectable, go to the original file and replace the two lines with the two UD lines. Now scan it and it shouldn't be Detected!! Have fun with your new UD file!!

All Comments are appreciated!

**mister.o** - August 14, 2009, 2:21 pm

Hmm look nice thanks now its time for studing ?

**??ID4RK-H4x0RI??** - August 16, 2009, 11:08 am

Good tut .....:\_D

**minolta** - August 17, 2009, 3:32 am

a lot of the time this causes the program to fail so if you have set up for smtp this just will not work

**abrak002** - August 17, 2009, 3:34 am

thanks 100 views and only 3 posts that is stupid thanks

**Dr.Dre** - August 17, 2009, 4:22 am

Thanks, might come in handy later onj.

**johnlate** - August 17, 2009, 5:36 am

How many AV's does it bypass?

**BlueMelon** - August 17, 2009, 6:01 am

Good tut thanks!

This could be usefull

**Benji25** - August 17, 2009, 7:24 am

Mine got UD at the first time I cut it in half. What should I do? You are very unclear about that.

**mana5olia** - August 17, 2009, 7:39 am

nice tut and helpful, black hat 4 u ?

**Gr1ng** - August 17, 2009, 7:45 am

Thanks for this tut ?

**Code4Fun** - August 17, 2009, 7:48 am

man u should make a video, is a good tutorial by the way.

**Ryxa** - August 17, 2009, 12:33 pm

I used to do this before I came across crypters. The good old fashioned way :)

**Wise** - August 17, 2009, 1:33 pm

I enjoy hex editing people's server with my info =)

**Divine** - August 17, 2009, 5:03 pm

This is nice

goodjob :]

**ken2003445** - August 17, 2009, 5:08 pm

nice , time for me to making a RAT UD

**Haznet** - August 17, 2009, 5:10 pm

it looked simple enough, I LIKE IT!!

**[nGc] JinX** - August 17, 2009, 6:26 pm

Nice tut!Looking forward in actually doing it.:)

**Benji25** - August 19, 2009, 9:01 am

(Aug 17, 2009 07:24 AM)Benji25 Wrote: [\[CITE\]](#) Mine got UD at the first time I cut it in half. What should I do? You are very unclear about that.  
Help me please.

**O?KL?Y** - August 20, 2009, 3:00 pm

(Aug 19, 2009 09:01 AM)Benji25 Wrote: [\[CITE\]](#) Help me please.Ok you cut it in half. Which side of the file is undetectable? If both of them are undetected there could be 2 problems:

It wasn't detected before you started(lol)  
you (against almost all odds) cut the signature in half on the first try.  
before you do anything else, go buy a lottery ticket. Next cut the file in half in a different place. I'm not sure if thats the info you wanted so ask me again if your still not getting it.

(Aug 17, 2009 07:48 AM)Code4Fun Wrote: [\[CITE\]](#) man u should make a video, is a good tutorial by the way.

Thanks! I'll think about that ?

**muz3** - August 21, 2009, 1:05 pm

(Aug 20, 2009 03:00 PM)M47R!X Wrote: [\[CITE\]](#) Ok you cut it in half. Which side of the file is undetectable? If both of them are undetected there could be 2 problems:

It wasn't detected before you started(lol)  
you (against almost all odds) cut the signature in half on the first try.  
before you do anything else, go buy a lottery ticket. Next cut the file in half in a different place. I'm not sure if thats the info you wanted so ask me again if your still not getting it.

(Aug 17, 2009 07:48 AM)Code4Fun Wrote: [\[CITE\]](#) man u should make a video, is a good tutorial by the way.

Thanks! I'll think about that ?It would be wonderful if you do a video : )

**SØMNIUM.EXE** - August 21, 2009, 1:06 pm

Good tutorial, but I think n00bs will get it hard to understand...

**minardi** - August 21, 2009, 1:27 pm

(Aug 21, 2009 01:06 PM)Sikatriss Wrote: [\[CITE\]](#) Good tutorial, but I think n00bs will get it hard to understand...

it is not soo hard i am not a newbie i was active on other forums

but i use a file splitter and split in some times then u got 3 lines and its is easier to find the detected singature

**spoon33** - September 12, 2009, 6:52 pm

Will this work if I hex edit it after crypting/binding/changing icon etc?

Because that's what I've been trying and the virus results are not making any sense :S

Before hex editing I get 7/22 on NoVirusThanks for my file. When I hexed the file, after filling top

half, saving it, the bottom half is 0/22. The bottom half is always 0/22 no matter how big I make the bottom half.

For example, I filled just first 3 lines of my file as "00" in the hex editor. After saving the file, i scanned it, and it was 0/22. This doesn't make any sense to me :S ??

Does hex editing not work on crypted files or something?

**..Death Angel..** - September 12, 2009, 8:11 pm

I hexed my keylogger

The top half is gettin detected.

i hexed that tophalf once again and made it 2 parts

Now , both the files are not detected(2 parts of tophalf of keylogger) , what shud i do ?

Thanks for the tut , it was awesome

**O?KL?Y** - September 12, 2009, 8:14 pm

(Sep 12, 2009 06:52 PM)spoon33 Wrote: [\[CITE\]](#) Will this work if I hex edit it after crypting/binding/changing icon etc?

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For example, I filled just first 3 lines of my file as "00" in the hex editor. After saving the file, i scanned it, and it was 0/22. This doesn't make any sense to me :S ??

Does hex editing not work on crypted files or something?Not completely sure what your problem is... ?

maybe try google

**pal62** - September 13, 2009, 2:47 am

Outstanding tut...thank you.

**WhiteFlame** - September 13, 2009, 3:00 am

(Aug 17, 2009 07:24 AM)Benji25 Wrote: [\[CITE\]](#) Mine got UD at the first time I cut it in half. What should I do? You are very unclear about that.

Then it must already have been ud :S

Thanks, the tut is very helpful :)

**jetmirking** - September 13, 2009, 3:56 am

Good Tutorial.....

**the\_metalisme\_again** - September 13, 2009, 3:58 am

thanks but i saw it some where else any way thanks

**Saki~chan** - October 27, 2009, 4:45 pm

THIS IS A VERY NICE TUTORIAL!!! Finally a great HEX EDIT tutorial that i actually understand!!

**[Crysis]** - October 27, 2009, 4:59 pm

damn im a lucky one 1/23 now lol

**Saki~chan** - October 28, 2009, 1:03 pm

Each time i cut in half, one is always detect.....ive been trying this about 10 times

**saheliano** - December 10, 2009, 4:21 am

Verry nice TuT ! And important ! Thanks guy !

**BaNNED** - December 10, 2009, 7:53 am

Finally i found Hexing tutorial .

**dunke** - December 10, 2009, 7:18 pm

thanks alot been trying it out and its working great, takes a long time but i think its worth it, thanks for tut

**Nyk0n** - December 23, 2009, 2:20 pm

Thanks alot this tutorial is great

**stephen1341** - December 28, 2009, 9:29 am

hmmm I just tried this with my turkojan 4.1 gold edition server file. I got it down to the line that was getting detected and then changed a U into a u, now the file is not detected but it won't work... I have tried this with all the different letters in the string and each time it is undetectable but corrupt. So anything I can do? or am I just screwed with this particular file?

**specter8472** - March 2, 2010, 5:39 pm

(Aug 19, 2009 09:01 AM)Benji25 Wrote: [\[CITE\]](#) Help me please.no dont listen to these fools if you cut it the first time that means you cut the code in in half so you go to where the top half ends and bottom begins then you hex edit that part (in the original) and a mistake the dude made in the tut was if you only get one file detected then that is better because you only have to edit everything to zero in that file (instead of both) until you find the code then just hex edit that in the original

**Pinacalada** - March 2, 2010, 10:39 pm

Never mind, link fail's and shit, specter stop gravedigging :D Im sure that you have better thing's to do in you'r life than gd.

**-mothered-** - March 3, 2010, 5:06 am

Have seen similar one's around, but nonetheless, a good tut.  
Thanks for the share.

**specter8472** - March 4, 2010, 2:47 pm

(Mar 2, 2010 11:39 PM)Pinacalada Wrote: [\[CITE\]](#) Never mind, link fail's and shit, specter stop gravedigging :D Im sure that you have better thing's to do in you'r life than gd.  
Gravedigging??

**Deadpool™** - March 7, 2010, 7:09 pm

Ok, Can you make a video first off.

Second, Can you make this tutorial more clear. I'm not understanding parts of it. Seems like your skipping something. As in, I cut my file in half and the bottom part is detected. I don't know which file to cut now. Please explain this more or go into depth about this. The tutorial is also very pushed

together. Use the Enter key more to space it out more. With it all pushed together it is a bit overwhelming.

**okasha** - March 8, 2010, 8:26 am

hey , Ex"me , the link is not working  
thank u for the program

**tutu0666** - March 8, 2010, 11:24 am

thanks nice tutorial

**O?KL?Y** - March 10, 2010, 7:29 pm

Thanks everyone for the comments!

The reason I'm not making a video is because youtube does not support videos that are 30 mins long lol.

@Whoever said the letter changing isn't working: Hex editing doesn't always work for all files, Try a crypter.

**O?KL?Y** - May 20, 2010, 1:16 pm

Even though this is an old thread comments are still appreciated!

**[K???TiK]™** - May 20, 2010, 5:03 pm

Same with me. The split files were both UD.  
What to do?

**MrHax** - May 20, 2010, 7:14 pm

sweet, very time consuming but worth it. thx

**O?KL?Y** - May 27, 2010, 9:14 am

bump

<too short> </too short>

**sattar** - May 27, 2010, 9:28 am

thanks you very much ,appreciate that

**SerialFF** - May 27, 2010, 2:18 pm

I meet a problem...

I cut my 2parts and scan them, they are FUD...

My server is detected :/

**O?KL?Y** - June 9, 2010, 3:37 pm

bump

still useful to some people

**O?KL?Y** - June 25, 2010, 7:22 am

<bump>bump</bump>

Spoiler ([Click to View](#)) Still too short

**Great Prosperity** - June 28, 2010, 11:38 pm

Hmmm.

So do you just practically keep cutting your file in half until you find the detected code and then you replace that detected line with 00's and hope that it won't corrupt the file?

How easy would this be if the file your hexing is 12kb?

Like I'm trying with my ss rat miniserver :P

**O?KL?Y** - June 29, 2010, 11:18 am

@Spikeye

The smaller the easier. No, you do not replace the line w/ 00's you replace one of the letters in the ASCII column with an equivalent letter, for example:

a - A; c - C; D - d

Hope i helped you understand this better

**SivaKuMar** - June 29, 2010, 12:35 pm

ok its helpfull thanku??

**O?KL?Y** - June 29, 2010, 3:00 pm

(Jun 29, 2010 12:35 PM)chiru1239 Wrote: [\[CITE\]](#) ok its helpfull thanku??

Thanks for commenting, glad it helped you.

**The Name's Bing** - June 30, 2010, 6:28 am

Great TuT man, I can see you put a lot of time into this ?

Can this only be done with Servers, or can it be used on the Stub also?

**Suma** - June 30, 2010, 6:45 am

Luv the tut.

Anyone have any luck with editing Turk?

**Slug** - June 30, 2010, 6:49 am

Great tutorial, I used this a while back and it helped me spread

**tornpaper** - July 16, 2010, 12:31 am

well i tried and my server is FUD, i will post again and let you know if it still works, or if it was corrupted. By the way i only changed one letter from r to R. Will post results.

**ani\_1** - July 16, 2010, 1:45 am

Thanx man nice tut.?

**Valour** - July 16, 2010, 5:11 am

Good work ...

Thanks for this .

I will try doing it..

I will need to go through this many times and follow it step by step..

**tornpaper** - July 16, 2010, 10:58 am

(Jul 16, 2010 12:31 AM)tornpaper Wrote: [\[CITE\]](#) well i tried and my server is FUD, i will post again and let you know if it still works, or if it was corrupted. By the way i only changed one letter from r to R. Will post results.

Sorry I ended up going to bed before I tested my server. I used a slightly different method than you, but worked fine and did the job I needed it too. Server is fully functional, thanks for the info man really helped.

**12KPR** - July 16, 2010, 11:30 am

Great Tutorial Thanks ...)

**ch0c4nto** - August 25, 2010, 8:06 am

Very great tutorial ! It's very usefull ! Tanks alot ! :)

**alltimelearner** - August 25, 2010, 8:33 am

Good tutorial :D

Thanks for sharing (:

**illera88** - August 25, 2010, 8:52 am

I cant see the images that are hosted  
fix it

**Xcstacy** - August 25, 2010, 6:12 pm

Why don't you use Dsplit to split the file you want and detect the signature? It's easier!

<https://hackforums.net/showthread.php?tid=115111>

**coolmac123** - August 25, 2010, 6:21 pm

It says that the images are not found

**blackshadowbutt** - October 2, 2010, 12:57 am

Please if u can then correct the images...

**Evil-Reddy** - October 2, 2010, 4:32 am

good tutorial bro.. nice i liked the way.

old but efficient.

**Mint** - November 14, 2010, 10:22 pm

Great tutorial, but please reupload the images :/

**Damion774** - November 15, 2010, 2:51 am

Good, easy to understand tutorial :D

Just no pictures :P

**bernardbear** - November 15, 2010, 3:39 am

can you fix the image ?

image gone . . . maybe delete from server .

**liquidworm** - November 15, 2010, 6:33 am

Nice tutorial it could do with better grammar and paragraphs :).

**eXpLoD** - November 15, 2010, 6:40 am

So this doesnt corrupt the server?I would actually spend a week hexing to make it fud if it doesnt get corrupted.

**O?KL?Y** - December 14, 2010, 5:08 pm

Sorry all the images were erased. This tutorial is pretty old and I haven't been on this site for a long time so I have no idea where the images are and I really don't plan on re-uploading them. I hope this tutorial is still just as easy to understand without them. @eXpLoD - It works for most servers, but it depends on what kind you are using. The only way to know is to test it out yourself.

**Rukkas** - December 27, 2010, 3:34 pm

I followed your tutorial, got my file UD but how to i get it back to exe?  
Lol. Nvm, i figured it out.

**sammetail92** - January 8, 2011, 2:17 am

Helped me loads. And on the video thing, definitely do that since many people don't like reading long stuff. Cheers!

**seskanda** - January 22, 2011, 11:29 pm

I really wish this still had pictures

**RaNsOm2010** - January 22, 2011, 11:31 pm

very nice, please fix pictures though?

**le@rner** - January 25, 2011, 1:33 am

Images are not visible plz edit your tutorial

**Loop** - January 25, 2011, 2:40 am

Good tutorial, thanks a lot. ;D

**sidahmedhussain** - January 25, 2011, 4:10 am

thanks, looks great. I think i will try it :D

**JMobile** - January 25, 2011, 4:22 am

fix pictures please and a vid tut would be good too.

**xSkilLedx** - January 25, 2011, 4:23 am

Should come in handy, thanks for it man.

**Cyb3rc0re** - March 2, 2011, 8:27 am

Please reupload the pictures man

**PhineasPhreak** - March 2, 2011, 9:00 am

Don't see how this works... does this just mean that the hex that contains the detection is detected and the others aren't? If so then won't you have to put it back together again for the program to work?

Then you just wasted your time no?

Explain please. Someone.

**RaZa** - March 2, 2011, 5:19 pm

I guess your not really making any sense because you bundled all your words into like 10 lines, so fix the pictures, and make it more clear on the cutting part.

**Tech-N9ne** - March 2, 2011, 5:58 pm

Please fix the picture's ..Thanks.

**Auturun.inf** - March 2, 2011, 7:33 pm

You want to say, cut the file into two, scan both(say a1 and a2), if a1 detects and a2 not detects, we will focus in a1? Then cut a1 again into two(say a1.1 and a1.2), if a1.1 detects and a1.2 not detects, we will focus in a1.1 until we found the fucking offset?

**DorieDiBenedetto** - March 2, 2011, 10:44 pm

thanks, this really helped me and my nooby self = p

**joel.dcosta160985** - March 3, 2011, 1:50 am

Wait a min... was that a crack?

**lars90** - June 1, 2011, 11:50 am

emm first of all why not use a file splitter to do the first work it makes it way easier and what if 33 lines are destected as a virus plz help :(

**morpheus93** - September 27, 2011, 11:28 am

yes please fix the pictures. without them it's not really clear.

**arthas7891** - September 27, 2011, 1:08 pm

great tutorial i love it nice job realy awesome

**numbers.** - February 20, 2012, 5:53 pm

easily followed the tut thanks! but pics would be nice

**rbcasale** - February 20, 2012, 6:57 pm

Thanks great tutorial (empty space)

**miketh2005** - March 2, 2012, 10:33 pm

Pics not working, lol.... that sucks, I wanted to see this. =P

**XOwnage** - June 22, 2012, 5:44 am

all images are down ... at least for me .You may fix this

**homemadejam** - June 22, 2012, 7:29 am

This tutorial is getting on for being 4 years old now :(

I wonder if someone could re-upload the images, or maybe make a new tutorial? I'd like to see a new one :D

**O?KL?Y** - June 22, 2012, 8:02 pm

(Jun 22, 2012 07:29 AM)homemadejam Wrote: [\[CITE\]](#) This tutorial is getting on for being 4 years old now :(

I wonder if someone could re-upload the images, or maybe make a new tutorial? I'd like to see a new one :DThanks for your comment, but please let this thread die. I wrote this a long, long time ago, and unfortunately, I don't have access to the images nor will I be uploading new images. There are many more options for crypting these days than there were when I created this, and most of them are pretty inexpensive, or even free. I've gotten negative repped before because someone didn't like that the images were missing, so please, no more comments after this post. This tutorial is now almost impossible to follow and there is no use for it anymore. Thanks

**Lime Whips** - June 22, 2012, 8:09 pm

Thank you very much wen I get home I'm gonna try this.