

Forum:[Hack Forums](#)

Thread: [Image Encrypt/Decrypt](#)

LucidLullabies - August 31, 2014, 12:24 pm

Here is a program that's almost at 100% completion it's not perfect but I can't be bothered to finish it.

It takes a picture and encodes it and stores it as a text file at it will also do the reverse. It's threaded and its primary function works fine. The only trouble is large encrypted texts take a long time to parse, maybe its something you can fix.

If you'd like the source then message me and I'll provide you with the link :) I realise something like this has been done many times before, but if it can benefit anyone then I'll provide the source.

Opening form

[img]http://s29.postimg.org/6lkbdIfif/Untitled2.png[/img]

Encryption Form

[img]http://s2.postimg.org/ldamtvzbd/Untitled3.png[/img]

Decryption Form

[img]http://s18.postimg.org/4p1nhg2s9/Untitled4.png[/img]

Cornflower Blue ???-? - August 31, 2014, 12:28 pm

So we pm you for 4 lines max of source code?

LucidLullabies - August 31, 2014, 12:33 pm

(Aug 31, 2014 12:28 PM)Cornflower Blue Wrote: [\[CITE\]](#) So we pm you for 4 lines max of source code?

Well obviously not you, this is for beginners who don't know how to thread, use functions or classes, and the like.

Even for such a simple program 4 lines of code is a bit of a short sighted remark don't you think?

Only3 - August 31, 2014, 12:33 pm

(Aug 31, 2014 12:28 PM)Cornflower Blue Wrote: [\[CITE\]](#) So we pm you for 4 lines max of source code?

? 4 ?

```
IO.File.WriteAllBytes("NewImage.jpg",  
Convert.FromBase64String(Convert.ToBase64String(IO.File.ReadAllBytes("Image.jpg"))))
```

Cornflower Blue ???-? - August 31, 2014, 12:57 pm

(Aug 31, 2014 12:33 PM)Only3 Wrote: [\[CITE\]](#) ? 4 ?

```
IO.File.WriteAllBytes("NewImage.jpg",  
Convert.FromBase64String(Convert.ToBase64String(IO.File.ReadAllBytes("Image.jpg"))))  
He has the openFileDialog, and encrypting too, so in total, it's around 4.
```

(Aug 31, 2014 12:33 PM)LucidLullabies Wrote: [\[CITE\]](#) Well obviously not you, this is for beginners who don't know how to thread, use functions or classes, and the like.

Even for such a simple program 4 lines of code is a bit of a short sighted remark don't you think? Nope, this can even be done with 2 lines of code. Like Only3 said.

sesh - August 31, 2014, 1:02 pm

(Aug 31, 2014 12:57 PM)Cornflower Blue Wrote: [\[CITE\]](#) He has the openFileDialog, and encrypting too, so in total, it's around 4.

Nope, this can even be done with 2 lines of code. Like Only3 said.
If you don't want this program why post on the thread?

If you can make this yourself go ahead.

NETExplorer - August 31, 2014, 1:17 pm

(Aug 31, 2014 12:28 PM)Cornflower Blue Wrote: [\[CITE\]](#) So we pm you for 4 lines max of source code?

doucheeee boi is docheyety3e

OP, looks noice, but is it encrypted or encoded?

?lixir - August 31, 2014, 1:19 pm

(Aug 31, 2014 12:57 PM)Cornflower Blue Wrote: [\[CITE\]](#) He has the openFileDialog, and encrypting too, so in total, it's around 4.

Nope, this can even be done with 2 lines of code. Like Only3 said.
Actually, I can make it one line of code.

LucidLullabies - August 31, 2014, 1:23 pm

(Aug 31, 2014 01:17 PM)PatPositron Wrote: [\[CITE\]](#) doucheeee boi is docheyety3e

OP, looks noice, but is it encrypted or encoded?

It's encoded in Base64 but I could change it so that it's encrypted in AES or the like :) But I don't see what it would accomplish, base64 is pretty unintelligible to try and read.

Cornflower Blue ???-?— - August 31, 2014, 1:34 pm

(Aug 31, 2014 01:23 PM)LucidLullabies Wrote: [\[CITE\]](#) It's encoded in Base64 but I could change it so that it's encrypted in AES or the like :) But I don't see what it would accomplish, base64 is pretty unintelligible to try and read.

Not encryption then, Base64 is encoding. There is a HUGE difference.

Tidas - August 31, 2014, 1:44 pm

(Aug 31, 2014 01:19 PM)Dr. Caspers Wrote: [\[CITE\]](#) Actually, I can make it one line of code.
You can do a lot of things in 1 line. If it isn't feasible to read in 1 line, it shouldn't be made in 1 line.

LucidLullabies - August 31, 2014, 1:46 pm

(Aug 31, 2014 01:34 PM)Cornflower Blue Wrote: [\[CITE\]](#) Not encryption then, Base64 is encoding.
There is a HUGE difference.

If you read the quote that you quoted you would see that I used to term encoded and not encrypted.
You must be quite bored to keep trashing this thread.

Cornflower Blue ???-?— - August 31, 2014, 1:52 pm

(Aug 31, 2014 01:46 PM)LucidLullabies Wrote: [\[CITE\]](#) If you read the quote that you quoted you would see that I used to term encoded and not encrypted. You must be quite bored to keep trashing this thread.

Please.

LucidLullabies - August 31, 2014, 2:09 pm

(Aug 31, 2014 01:52 PM)Cornflower Blue Wrote: [\[CITE\]](#) Please.

So if you read the file that the encoded image was contained in, you'd be able to tell what it was huh? For all intents and purposes that image is encrypted if the original information is indecipherable to anyone else.

Please.

Odus - August 31, 2014, 2:39 pm

(Aug 31, 2014 02:09 PM)LucidLullabies Wrote: [\[CITE\]](#) So if you read the file that the encoded image was contained in, you'd be able to tell what it was huh? For all intents and purposes that image is encrypted if the original information is indecipherable to anyone else.

Please.

I get your point but this is encoding. All anyone needs to reverse it is the algorithm, which is public. Encryption would be using a key and that would mean it is intended only for certain people. You're not transforming the data to hide it, you're simply converting it into another data type. That's the simplest way I can explain the difference.

zeroexp - August 31, 2014, 4:01 pm

Why not make your own simple cipher instead ?

Also, Base64 = encoding , encoding != encryption

PapaBeans - August 31, 2014, 4:23 pm

(Aug 31, 2014 04:01 PM)Wops Wrote: [\[CITE\]](#) Why not make your own simple cipher instead ?

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Why would you change the syntax to another language in the VB thread! My OCD went crazy xDD
Spoiler ([Click to View](#)) encoding <> encryption

Yui Asuna - August 31, 2014, 4:54 pm

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Please.

Please.

Learn shit before trying to educate others.

Anyone with a sixteenth of a brain can Google "base64 to image", thus getting the image.

zeroexp - August 31, 2014, 5:22 pm

(Aug 31, 2014 04:01 PM)Wops Wrote: [\[CITE\]](#) Why not make your own simple cipher instead ?

Also, Base64 = encoding , encoding != encryption

Sorry, this was not the most straight-forward answer so I'll reply again.

Base64 is an encoding algorithm meaning anyone can see your image because there is no security whatsoever, and, as someone stated before, anyone can use google and turn your string back into the image.

If you want encryption then at least encrypt the actual Base64 string with an encryption algorithm with a password.

Now, about the 'cipher'. I meant , you could create your custom process which will turn your image into a string, Base64 is not the only way.

For instance, go through every pixel , get it's RGB code and put that into a string (133,211,31)
Continue the process until you reach the end.

Lets say you have a basic 2x2 image, it will look like this.
132,13,214-142,152,11#142,152,11,222,33,132

Then, it should be easy to turn that back into an image.
By the way, # marks a new layer (1 height)

For security you just need a little creativity.
It might be pretty fun, try it out.

LucidLullabies - August 31, 2014, 5:41 pm

(Aug 31, 2014 05:22 PM)Wops Wrote: [\[CITE\]](#) Sorry, this was not the most straight-forward answer so I'll reply again.

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Thanks for not being a douchebag guys, I value your constructive inputs ?

But honestly, if someone discovered the text file how would anyone know that it was an encoded image, people are right to say you can use web tools to reverse, but that's only because they know what the program does and what it outputs. It's not so straight-forward when you open it blind. But I get your point, its not secure. I will try your suggestion about the RGB :)

log dot zip - September 1, 2014, 1:03 am

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Stop embarresing yourself. Accept and apologize.

LordCoder - September 1, 2014, 2:29 am

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Huh anyone can see a Base64 encoding without even trying to decode it.

LucidLullabies - September 1, 2014, 4:12 am

(Sep 1, 2014 01:03 AM)log dot zip Wrote: [\[CITE\]](#) Stop embarresing yourself. Accept and apologize.
> embarrassing

[img]http://x4.fjcdn.com/comments/gt+jill+sandwich+gt+i+have+the+moyo+_088a8d87e35f2b47089e3fabb8edccfa.jpg[/img]

Washi - September 1, 2014, 7:45 am

Please, HackForums, quit this stupid useless discussion about terminology, correct spelling, and what not. There is literally no point. Some people do not have the luxury of being a native English speaker, and might not know everything from the top off their head, including myself. It's nothing but childish to even bother making these comments.

On topic: A source would be nice to see. Without it, we cannot really review your little project you've been working on other than just testing the functionality ;).