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[VBForums](#)   [Visual Basic](#)   [Visual Basic .NET](#)   [2008] How to open HEX file



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Results 1 to 19 of 19

**Thread: [2008] How to open HEX file** 

Dec 17th, 2008, 02:04 PM

#1



**rafzig155**   
**Thread Starter**  
New Member  
  
Join Date: Dec 2008  
Posts: 11

**[2008] How to open HEX file**  
I have problem, how I can import HEX file to my program in VB .NET? And I have question if I can import, What size of file I can import? I have 200MB - 400MB HEX files?? Can I import so huge files? Thanks for all yours replays.

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Dec 17th, 2008, 02:15 PM

#2



**dbasnett**   
Powered By Medtronic  
  
Join Date: Dec 2007  
Location: Pointless Forest  
38.517,-92.023  
Posts: 9,482

**Re: [2008] How to open HEX file**  
do you want to read the file, or add it as part of the project. btw - all files are stored as binary, therefore they are all hex, since hex is just a representation of binary.  
  
[My First Computer](#) -- [Documentation Link \(RTFM\)](#) -- Using the Debugger -- [Prime Number Sieve](#)  
[Counting Bits](#) -- [Subnet Calculator](#) -- [UI Guidelines](#) -- >> [SerialPort Answer](#) <<  
"Those who use Application.DoEvents have no idea what it does and those who know what it does never use it." John Wein

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Dec 17th, 2008, 02:50 PM

#3



**wild\_bill**   
Code Monkey  
  
Join Date: Mar 2005  
Location: Montana  
Posts: 2,993

**Re: [2008] How to open HEX file**  
If you want to view a file in Hex goto, File > Open File, select your file, click the little arrow on the open button, select Open with, and select Binary editor, and hit OK.  
  
That is the very essence of human beings and our very unique capability to perform complex reasoning and actually use our perception to further our understanding of things. We like to solve problems. -Kleinma  
  
Does your code in post #46 look like my code in #45? No, it doesn't. Therefore, wrong is how it looks. - jmcilhinney

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Dec 17th, 2008, 02:59 PM

#4

**rafzig155**   
**Thread Starter**  
New Member  
  
Join Date: Dec 2008  
Posts: 11

**Re: [2008] How to open HEX file**  
I write programe. It work that:  
1. You chose Hex file  
2. Program open hex file and save as string.  
3. Program search in Hex some text  
4. Program save this string in text file.  
  
I have problem with open file. I want do string function on this hex file, like left, right, mid, replace. Can I do It, If yes How??  
  
So my problem is import HEX as String to VB .NET

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Dec 17th, 2008, 03:10 PM

#5

wild\_bill ◉

Code Monkey



Join Date: Mar 2005  
Location: Montana  
Posts: 2,993

**Re: [2008] How to open HEX file**

1. Research open file dialog
2. Research io.binaryreader
3. Research binary to hex conversion
4. Research io.binarywriter

That is the very essence of human beings and our very unique capability to perform complex reasoning and actually use our perception to further our understanding of things. We like to solve problems. -Kleinma

Does your code in post #46 look like my code in #45? No, it doesn't. Therefore, wrong is how it looks. - jmcilhinney

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Dec 17th, 2008, 03:22 PM

#6

rafzig155 ◉

Thread Starter

New Member



Join Date: Dec 2008  
Posts: 11

**Re: [2008] How to open HEX file**

Originally Posted by **wild\_bill**

1. Research open file dialog
2. Research io.binaryreader
3. Research binary to hex conversion
4. Research io.binarywriter

1. I know how to do it.
- 2,3,4. Can you write code which open hex file like aaa.hex and convert it into string?

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Dec 17th, 2008, 03:35 PM

#7

Shaggy Hiker ◉

Super Moderator



Join Date: Aug 2002  
Location: Idaho  
Posts: 37,520

**Re: [2008] How to open HEX file**

Quite possibly no. A string can be either ASCII (one byte per character), Unicode (two bytes per character), or something else (encoded or compressed). If you know that the string is either ASCII or Unicode, then you can convert it easily, as you would be converting a byte array to a string. However, if you don't know how the string is represented in the file, it won't be quite so easy. I suppose you could try it in ASCII and see whether or not it is readable, and if it isn't, then try it in unicode, but it would be best if you knew which it was to start with, and if it is neither ASCII nor Unicode, you may well have a very difficult time converting it.

My usual boring signature: Nothing

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Dec 17th, 2008, 05:22 PM

#8

rafzig155 ◉

Thread Starter

New Member



Join Date: Dec 2008  
Posts: 11

**Re: [2008] How to open HEX file**

Do you see any hex editor. I want have something like in all editors window in string.  
I want have this:  
in string.

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Dec 17th, 2008, 06:34 PM

#9

rafzig155 ◉

Thread Starter

New Member



Join Date: Dec 2008  
Posts: 11

**Re: [2008] How to open HEX file**

Any one can help me?

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Dec 17th, 2008, 07:26 PM

#10

Shaggy Hiker ◉

Super Moderator



Join Date: Aug 2002  
Location: Idaho  
Posts: 37,520

**Re: [2008] How to open HEX file**

Oh, so you actually want to see the byte values rather than trying to interpret the byte values as text?

My usual boring signature: Nothing


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Dec 17th, 2008, 07:33 PM

#11

jmcilhinney

.NUT



Join Date: May 2005  
Location: Sydney, Australia  
Posts: 108,779

Re: [2008] How to open HEX file

vb.net Code:

```
1. Dim builder As New System.Text.StringBuilder
2.
3. Using reader As IO.FileStream = IO.File.OpenRead("file path here")
4.     Dim length As Long = reader.Length
5.
6.     Do Until reader.Position = length
7.         If reader.Position > 0L Then
8.             builder.Append(" c")
9.         End If
10.
11.         builder.Append(reader.ReadByte().ToString("X2"))
12.     Loop
13. End Using
14.
15. MessageBox.Show(builder.ToString())
```

Adjust as required.

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Dec 18th, 2008, 12:08 AM

#12

rafzig155

Thread Starter

New Member



Join Date: Dec 2008  
Posts: 11

Re: [2008] How to open HEX file

Originally Posted by jmcilhinney

vb.net Code:

```
1. Dim builder As New System.Text.StringBuilder
2.
3. Using reader As IO.FileStream = IO.File.OpenRead("file path here")
4.     Dim length As Long = reader.Length
5.
6.     Do Until reader.Position = length
7.         If reader.Position > 0L Then
8.             builder.Append(" c")
9.         End If
10.
11.         builder.Append(reader.ReadByte().ToString("X2"))
12.     Loop
13. End Using
14.
15. MessageBox.Show(builder.ToString())
```

Adjust as required.

Big thx. This is what I want. But I have one required. I want have this string with out spaces after all pars of binary. If the code is "31 32 32", I want "313232". What i must do??


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Dec 18th, 2008, 12:10 AM

#13

jmcilhinney

.NUT



Join Date: May 2005  
Location: Sydney, Australia  
Posts: 108,779

Re: [2008] How to open HEX file

What you must do is read the code. You may be new but it shouldn't be very hard to work out where the spaces are being added. You can then simply remove the code that does it. Think first, ask questions later.

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Jan 16th, 2012, 03:33 PM #14

**Sutton2k9**   
New Member  
  
Join Date: Jan 2012  
Posts: 4



**Re: [2008] How to open HEX file**  
I am using this code that you posted  
Code:  

```
Dim builder As New System.Text.StringBuilder
Using reader As IO.FileStream = IO.File.OpenRead("file path here")
Dim length As Long = reader.Length
Do Until reader.Position = length
If reader.Position > 0L Then
builder.Append(" ")
End If
builder.Append(reader.ReadByte().ToString("X2"))
Loop
End Using
MessageBox.Show(builder.ToString())
```



  
How would i now save the file?

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Jan 16th, 2012, 07:15 PM #15

**jmclhinney**   
**.NUT**  
  
Join Date: May 2005  
Location: Sydney, Australia  
Posts: 108,779

**Re: [2008] How to open HEX file**  

 Originally Posted by **Sutton2k9** 

I am using this code that you posted  
Code:  

```
Dim builder As New System.Text.StringBuilder
Using reader As IO.FileStream = IO.File.OpenRead("file path here")
Dim length As Long = reader.Length
Do Until reader.Position = length
If reader.Position > 0L Then
builder.Append(" ")
End If
builder.Append(reader.ReadByte().ToString("X2"))
Loop
End Using
MessageBox.Show(builder.ToString())
```

  
How would i now save the file?



As you can see from reading and running the code, 'builder.ToString()' returns a String containing the hex data. A String is a String. How would you usually save a String to a file?

<http://www.google.com.au/search?q=sa...ient=firefox-a>



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Jan 16th, 2012, 09:15 PM #16

**Sutton2k9**   
New Member  
  
Join Date: Jan 2012  
Posts: 4

**Re: [2008] How to open HEX file**  

 Originally Posted by **jmclhinney** 

As you can see from reading and running the code, 'builder.ToString()' returns a String containing the hex data. A String is a String. How would you usually save a String to a file?  
  
<http://www.google.com.au/search?q=sa...ient=firefox-a>

This is what the first line of file looks like in hex editor

Code:  

```
CON ...e.(aX853932-001..
```

After i have opened it then saved it with out making any changes this is what it looks like

Code:  

```
43 4F 4E 20 01 A8 03 65
```

The code needs to be change from hex before saving it.  
Do you see what i mean?

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Jan 16th, 2012, 09:16 PM #17

Sutton2k9

New Member

Join Date: Jan 2012

Posts: 4

Re: [2008] How to open HEX file

I know how to save it as a string i want to open it change a hex value then save it not as a string.  
I think it has to be changed back into bytes  
This is what the first line of file looks like in hex editor

Code:  
CON ...e.(aX853932-001..

After i have opened it then saved it with out making any changes this is what it looks like

Code:  
43 4F 4E 20 01 A8 03 65

The code needs to be change from hex before saving it.  
Do you see what i mean?

Reply With Quote

Jan 16th, 2012, 09:26 PM #18

jmcilhinney

.NUT

Join Date: May 2005

Location: Sydney, Australia

Posts: 108,779

Re: [2008] How to open HEX file

Originally Posted by Sutton2k9  
*I know how to save it as a string i want to open it change a hex value then save it not as a string.  
I think it has to be changed back into bytes  
This is what the first line of file looks like in hex editor*

Code:  
CON ...e.(aX853932-001..

After i have opened it then saved it with out making any changes this is what it looks like

Code:  
43 4F 4E 20 01 A8 03 65

The code needs to be change from hex before saving it.  
Do you see what i mean?

Either it's a hex file or it's not. If you open it in Notepad do you see pairs of hex characters? If so then it's a hex file and you already have your answer. If not then it's not a hex file.

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Jan 16th, 2012, 09:38 PM #19

Sutton2k9

New Member

Join Date: Jan 2012

Posts: 4

Re: [2008] How to open HEX file

Don't worry i have fixed it i was after a way to change the hex back to bytes so i could save them again but i worked it out

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