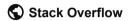
The results are in! See what nearly 90,000 developers picked as their most loved, dreaded, and desired coding languages and more in the 2019 Developer Survey.

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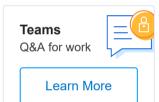
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How to create byte array from HttpPostedFile

Ask Question



I'm using an image component that has a FromBinary method. Wondering how do I convert my input stream into a byte array

145



HttpPostedFile file = context.Request.Files[0];
byte[] buffer = new byte[file.ContentLength];
file.InputStream.Read(buffer, 0, file.ContentLength);



ImageElement image = ImageElement.FromBinary(byteArray);

35



c# arrays

edited Mar 26 '17 at 4:22



Cœur

19.4k 10 116 155

asked Dec 11 '08 at 16:13



frosty

2,828 14 74 120

how are we posting the file in another .aspx page? – shivi Jun 23 '15 at 1:42

Doesn't this line **file.InputStream.Read(buffer, 0, file.ContentLength)**; fill the buffer with bytes from the input stream? Why should we use **BinaryReader.ReadBytes(...)** as mentioned by @Wolfwyrd in the answer below? Won't **ImageElement.FromBinary(buffer)**; fix the problem? – Srinidhi Shankar Jun 20 '17 at 6:00

6 Answers



Use a BinaryReader object to return a byte array from the stream like:

270



byte[] fileData = null;
using (var binaryReader = new BinaryReader(Request.Files[0].InputStr
{
 fileData = binaryReader.ReadBytes(Request.Files[0].ContentLength
}



edited May 5 '11 at 10:17



Robert MacLean **28.1k** 24 94 143

answered Dec 11 '08 at 16:32



Wolfwyrd

13.3k 5 38 66

As mentioned below by jeff, b.ReadBytes(file.InputStream.Length); should be byte[] binData = b.ReadBytes(file.ContentLength); as .Length is a long whereas ReadBytes expects an int. – Spongeboy Dec 17 '09 at 4:13

Remember to close the BinaryReader. – Chris Dwyer Jun 1 '10 at 17:00

Work like a charm. Thank you for this simple solution (with the comments of jeff, Spongeboy and Chris)! − David Jun 9 '10 at 14:59 ✓

- 28 Binary reader doesn't have to be closed, because there is a using that is automaticaly closing the reader on disposal BeardinaSuit Oct 28 '11 at 13:14
- Any idea on why this wouldn't work for a .docx file? stackoverflow.com/questions/19232932/... – wilsjd Oct 7 '13 at 19:42



For images if your using Web Pages v2 use the WebImage Class



var webImage = new System.Web.Helpers.WebImage(Request.Files[0].Inpubyte[] imgByteArray = webImage.GetBytes();



answered May 13 '16 at 11:07





before stream.copyto, you must reset stream.position to 0; then it works fine.

2



edited Jan 23 '14 at 7:47



answered Jan 23 '14 at 7:29





BinaryReader b = new BinaryReader(file.InputStream);
byte[] binData = b.ReadBytes(file.InputStream.Length);

22



line 2 should be replaced with

byte[] binData = b.ReadBytes(file.ContentLength);

edited Jan 2 '14 at 15:26

Andre Figueiredo



7,716 5 33 62

answered Mar 18 '09 at 17:11 jeff



It won't work if your file InputStream. Position is set to the end of the stream. My additional lines:

11

Stream stream = file.InputStream;
stream.Position = 0;

answered Dec 10 '12 at 17:20



,**084** 3 19 2

10 you could have just done file.InputStream.Position = 0; - Serj Sagan Jun 1'13 at 5:31



in your question, both buffer and byteArray seem to be byte[]. So:

3

ImageElement image = ImageElement.FromBinary(buffer);



answered Dec 11 '08 at 16:36



32 8k

3k 5 65 1