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Thread: [\[C#\] Simple function to merge byte arrays](#)

ubbelol - September 26, 2010, 10:49 am

Very simple function I made to "merge" or append multiple byte arrays, can't find the word for it.

```
Code private byte[] mergeBytes(byte[][] inputBytes)
{
    int tmp = 0;
    byte[] output;

    foreach (byte[] bArr in inputBytes){
        tmp += bArr.Length;
    }

    output = new byte[tmp]; tmp = 0;

    foreach (byte[] bArr in inputBytes){
        Buffer.BlockCopy(bArr, 0, output, tmp, bArr.Length); tmp += bArr.Length;
    }

    return output;
}
```

Example usage:

```
Code byte[] b = new byte[7]; b = Encoding.Default.GetBytes("UbbeLoL");
byte[] b2 = new byte[3]; b2 = Encoding.Default.GetBytes("123");
string str = Encoding.Default.GetString(mergeBytes(new byte[][] { b, b2 })); //<- str = UbbeLoL123
```

pr0t0typ3 - September 26, 2010, 10:53 am

lol when I read the thread title I thought of some sort of compression ^^ nice function anyway I always used array.copy before

ubbelol - September 26, 2010, 10:58 am

(Sep 26, 2010 10:53 AM)pr0t0typ3 Wrote: [\[CITE\]](#) lol when I read the thread title I thought of some sort of compression ^^ nice function anyway I always used array.copy before <http://danielvl.blogspot.com/2004/04/use-bufferblockcopy-instead-of.html> :)

iDope -.- - September 26, 2010, 11:06 am

Can you add [C#] in the Title?

It becomes a bit misleading.

:/

ubbelol - September 26, 2010, 11:09 am

(Sep 26, 2010 11:06 AM)iCore™ Wrote: [\[CITE\]](#) Can you add [C#] in the Title?

It becomes a bit misleading.

:/

I thought it don't make any difference if it's C# or vb.net as this code isn't really hard to convert just run it through an online code convert or something.

But I guess i'll change the title though if it's really that "misleading".

iDope -- - September 26, 2010, 11:18 am

Not that it ain't that simple to conbvert the code, but yeah, still..It's better to be clear..
:)

Nice share nevertheless.