

Demonstrate the use of the Null stream as a bit bucket



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/*
C# Programming Tips & Techniques
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*/
// NullStrm.cs – demonstrate the use of the Null stream as a
// bit bucket.
//
// Compile this program with the following command line:
// C:>csc NullStrm.cs
//
using System;
using System.IO;
namespace nsStreams
{
public class NullStrm
{
static public void Main ()
{
byte [] b = new byte [256];
int count = Stream.Null.Read (b, 0, b.Length);
Console.WriteLine (“Read {0} bytes”, count);
string str = “Hello, World!”;
StringToByte (out b, str);
Stream.Null.Write (b, 0, b.Length);

// Attach a reader and writer to the Null stream
StreamWriter writer = new StreamWriter (Stream.Null);
StreamReader reader = new StreamReader (Stream.Null);
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writer.Write ("This is going nowhere");
str = reader.ReadToEnd ();
Console.Write ("The string read contains {0} bytes",
str.Length);
}

// Convert a buffer of type string to byte
static void StringToByte (out byte [] b, string str)
{
b = new byte [str.Length];
for (int x = 0; x < str.Length; ++x) { b[x] = (byte) str [x];
} } } } [/csharp]
```