JAVA.IO.DATAOUTPUTSTREAM.WRITEBYTES METHOD

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Description

The **java.io.DataInputStream.writeBytes*Strings*** method writes a byte to the underlying stream as a 1-byte value. The counter is incremented by 1 on successful execution of this method.

Declaration

Following is the declaration for **java.io.DataOutputStream.writeBytes*Strings*** method:

```
public final void writeBytes(String s)
```

Parameters

- **s** -- Source as string written as bytes to the stream.

Return Value

This method does not return any value.

Exception

- **IOException** -- If an I/O error occurs.

Example

The following example shows the usage of java.io.DataOutputStream.writeBytes*Strings* method.

```
package com.tutorialspoint;

import java.io.ByteArrayOutputStream;
import java.io.DataOutputStream;
import java.io.IOException;

public class DataOutputStreamDemo {
   public static void main(String[] args) throws IOException {

      ByteArrayOutputStream baos = null;
      DataOutputStream dos = null;
      String s = "Hello World!!";

      try{
         // create byte array output stream
         baos = new ByteArrayOutputStream();

         // create data output stream
         dos = new DataOutputStream(baos);

         // write to the output stream from the string
         dos.writeBytes(s);

         // flushes bytes to underlying output stream
         dos.flush();

         System.out.println(s+" in bytes:");

         // for each byte in the buffer content
         for(byte b:baos.toByteArray())
         {
            // print byte
            System.out.print(b + ",");
         }
```

```
      }catch(Exception e){
         // if any error occurs
         e.printStackTrace();
      }finally{

         // releases all system resources from the streams
         if(baos!=null)
            baos.close();
         if(dos!=null)
            dos.close();
      }
   }
}
```

Let us compile and run the above program, this will produce the following result:

```
Hello World!! in bytes:
72,101,108,108,111,32,87,111,114,108,100,33,33,
```

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