

JAVA.IO.DATAOUTPUTSTREAM CLASS

http://www.tutorialspoint.com/java/io/java_io_dataoutputstream.htm

Copyright © tutorialspoint.com

Introduction

The **Java.io.DataOutputStream** class lets an application write primitive Java data types to an output stream in a portable way. An application can then use a data input stream to read the data back in.

Class declaration

Following is the declaration for **Java.io.DataOutputStream** class:

```
public class DataOutputStream
    extends FilterOutputStream
    implements DataOutput
```

Field

Following are the fields for **Java.io.DataOutputStream** class:

- **protected int written** -- This is the number of bytes written to the data output stream so far.
- **protected OutputStream out** -- This is the underlying output stream to be filtered.

Class constructors

S.N. Constructor & Description

- | | |
|---|--|
| 1 | DataOutputStream <i>OutputStreamout</i>

This creates a new data output stream to write data to the specified underlying output stream. |
|---|--|

Class methods

S.N. Method & Description

- | | |
|---|--|
| 1 | <u>void flush</u>

This method flushes this data output stream. |
| 2 | <u>int size</u>

This method returns the current value of the counter written, the number of bytes written to this data output stream so far. |
| 3 | <u>void writebyte[]b, intoff, intlen</u>

This method writes len bytes from the specified byte array starting at offset off to the underlying output stream. |

4

[void writeIntb](#)

This method writes the specified byte *theloweightbitsoftheargumentb* to the underlying output stream.

5

[void writeBooleanbooleany](#)

This method writes a boolean to the underlying output stream as a 1-byte value.

6

[void writeByteintv](#)

This method writes out a byte to the underlying output stream as a 1-byte value.

7

[void writeBytesStrings](#)

This method writes out the string to the underlying output stream as a sequence of bytes.

8

[void writeCharintv](#)

This method writes a char to the underlying output stream as a 2-byte value, high byte first.

9

[void writeCharsStrings](#)

This method writes a string to the underlying output stream as a sequence of characters.

10

[void writeDoubledoublev](#)

This method converts the double argument to a long using the doubleToLongBits method in class Double, and then writes that long value to the underlying output stream as an 8-byte quantity, high byte first.

11

[void writeFloatfloatv](#)

This method converts the float argument to an int using the floatToIntBits method in class Float, and then writes that int value to the underlying output stream as a 4-byte quantity, high byte first.

12

[void writeIntintv](#)

This method writes an int to the underlying output stream as four bytes, high byte first.

13

[void writeLonglongv](#)

This method writes a long to the underlying output stream as eight bytes, high byte first.

14

[void writeShortintv](#)

This method writes a short to the underlying output stream as two bytes, high byte first.

[void writeUTFStringstr](#)

This method writes a string to the underlying output stream using modified UTF-8 encoding in a machine-independent manner.

Methods inherited

This class inherits methods from the following classes:

- [Java.io.FilterOutputStream](#)
- [Java.io.Object](#)
- [Java.io.DataOutput](#)

Loading [MathJax]/jax/output/HTML-CSS/jax.js