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jminusminus

Class CLOutputStream

- [java.lang.Object](#)
 - [java.io.OutputStream](#)
 - [java.io.FilterOutputStream](#)
 - [java.io.DataOutputStream](#)
 - [jminusminus.CLOutputStream](#)
- All Implemented Interfaces:
[Closeable](#), [DataOutput](#), [Flushable](#), [AutoCloseable](#)

```
class CLOutputStream  
extends DataOutputStream
```

Inherits from [java.io.DataOutputStream](#) and provides an extra function for writing unsigned int to the output stream, which is required for writing Java class files.

- **Field Summary**
- **Fields inherited from class [java.io.DataOutputStream](#)**
[written](#)
- **Fields inherited from class [java.io.FilterOutputStream](#)**
[out](#)
- **Constructor Summary**

Constructors

Constructor and Description

```
CLOutputStream(OutputStream out)  
Construct a CLOutputStream from the specified output
```

stream.

- **Method Summary**

Methods

**Modifier and
Type**

Method and Description

void	writeInt (long v) Write four bytes to the output stream to represent the value of the argument.
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- **Methods inherited from class java.io.DataOutputStream**

flush, size, write, write, writeBoolean, writeByte, writeBytes, writeChar, writeChars, writeDouble, writeFloat, writeInt, writeLong, writeShort, writeUTF

- **Methods inherited from class java.io.FilterOutputStream**

close, write

- **Methods inherited from class java.lang.Object**

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

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- **Methods inherited from interface java.io.DataOutput**

write

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- **Constructor Detail**

- **CLOutputStream**

publicCLOutputStream(OutputStreamout)

Construct a CLOutputStream from the specified output stream.

Parameters:

out - output stream.

- **Method Detail**

- **writeInt**

public finalvoidwriteInt(longv)
throws IOException

Write four bytes to the output stream to represent the value of the argument. The byte values to be written, in the order shown, are:

(byte) (0xFF & (v >> 24))

(byte) (0xFF & (v >> 16))

(byte) (0xFF & (v >> 8))

(byte) (0xFF & v)

Parameters:

v - the int value to be written.

Throws:

IOException - if an error occurs while writing.

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