Interface java.io.DataOutput

public interface **DataOutput**
extends Object

DataOutput is an interface describing streams that can write output in a machine−independent format.

See Also:
DataOutputStream, DataInput
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Methods

- **write**

```
public abstract void write(int b) throws IOException
```

Writes a byte. Will block until the byte is actually written.

Parameters:

b – the byte to be written

Throws: IOException

If an I/O error has occurred.

- **write**

```
public abstract void write(byte b[]) throws IOException
```

Writes an array of bytes.

Parameters:

b – the data to be written

Throws: IOException

If an I/O error has occurred.

- **write**

```
public abstract void write(byte b[],
                           int off,
                           int len) throws IOException
```

Writes a sub array of bytes.

Parameters:

b – the data to be written

off – the start offset in the data

len – the number of bytes that are written

Throws: IOException

If an I/O error has occurred.

- **writeBoolean**

```
public abstract void writeBoolean(boolean v) throws IOException
```

Writes a boolean.

Parameters:

v – the boolean to be written

o **writeByte**

```
public abstract void writeByte(int v) throws IOException
```

Writes an 8 bit byte.
Parameters:
v – the byte value to be written

o **writeShort**

```
public abstract void writeShort(int v) throws IOException
```

Writes a 16 bit short.
Parameters:
v – the short value to be written

o **writeChar**

```
public abstract void writeChar(int v) throws IOException
```

Writes a 16 bit char.
Parameters:
v – the char value to be written

o **writeInt**

```
public abstract void writeInt(int v) throws IOException
```

Writes a 32 bit int.
Parameters:
v – the integer value to be written

o **writeLong**

```
public abstract void writeLong(long v) throws IOException
```

Writes a 64 bit long.
Parameters:
v – the long value to be written

o **writeFloat**

```
public abstract void writeFloat(float v) throws IOException
```

Writes a 32 bit float.
Parameters:
v – the float value to be written

o **writeDouble**

```
public abstract void writeDouble(double v) throws IOException
```

Writes a 64 bit double.
Parameters:
v – the double value to be written

o **writeBytes**

```
public abstract void writeBytes(String s) throws IOException
```

Writes a String as a sequence of bytes.
Parameters:
s – the String of bytes to be written

o **writeChars**

```
public abstract void writeChars(String s) throws IOException
```

Writes a String as a sequence of chars.
Parameters:
s – the String of chars to be written

o **writeUTF**

```
public abstract void writeUTF(String str) throws IOException
```

Writes a String in UTF format.
Parameters:
str – the String in UTF format