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
Version:
1.3, 08/10/95
Author:
Frank Yellin

Method Index

o **write**(int)
Writes a byte.
o **write**(byte[])
Writes an array of bytes.
o **write**(byte[], int, int)
Writes a sub array of bytes.
o **writeBoolean**(boolean)
Writes a boolean.
o **writeByte**(int)
Writes an 8 bit byte.
o **writeBytes**(String)
Writes a String as a sequence of bytes.
o **writeChar**(int)
Writes a 16 bit char.
o **writeChars**(String)
Writes a String as a sequence of chars.
o **writeDouble**(double)
Writes a 64 bit double.
o **writeFloat**(float)
Writes a 32 bit float.
o **writeInt**(int)
Writes a 32 bit int.
o **writeLong**(long)
Writes a 64 bit long.

o **writeShort**(int)

  Writes a 16 bit short.
o **writeUTF**(String)

  Writes a String in UTF format.

Methods

o **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.

o **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.

o **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.

o **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