

Class `java.io.OutputStream`

```
java.lang.Object
|
+----java.io.OutputStream
```

public class **OutputStream**
extends [Object](#)

Abstract class representing an output stream of bytes. All `OutputStreams` are based on this class.

See Also:

[InputStream](#), [FilterOutputStream](#), [BufferedOutputStream](#), [DataOutputStream](#), [ByteArrayOutputStream](#)

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o [close\(\)](#)

Closes the stream.

o [flush\(\)](#)

Flushes the stream.

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.

Constructors

o OutputStream

```
public OutputStream()
```

Methods

o write

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

Writes a byte. This method will block until the byte is actually written.

Parameters:

b – the byte

Throws: IOException

If an I/O error has occurred.

o write

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

Writes an array of bytes. This method will block until the bytes are actually written.

Parameters:

b – the data to be written

Throws: IOException

If an I/O error has occurred.

o write

```
public 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 flush

```
public void flush() throws IOException
```

Flushes the stream. This will write any buffered output bytes.

Throws: IOException

If an I/O error has occurred.

o close

```
public void close() throws IOException
```

Closes the stream. This method must be called to release any resources associated with the stream.

Throws: IOException

If an I/O error has occurred.

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