

Class `java.io.PipedOutputStream`

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

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

Piped output stream, must be connected to a `PipedInputStream`. A thread reading from a `PipedInputStream` receives data from a thread writing to the `PipedOutputStream` it is connected to.

See Also:
[PipedInputStream](#)

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Constructor Index

- o **[PipedOutputStream](#)**(`PipedInputStream`)
Creates an output file connected to the specified `PipedInputStream`.
- o **[PipedOutputStream](#)**()
Creates an output file that isn't connected to anything (yet).

Method Index

- o **[close](#)**()
Closes the stream.
- o **[connect](#)**(`PipedInputStream`)
Connect this output stream to a receiver.
- o **[write](#)**(int)
Write a byte.
- o **[write](#)**(byte[], int, int)

Writes a sub array of bytes.

Constructors

o PipedOutputStream

```
public PipedOutputStream(PipedInputStream snk) throws IOException
```

Creates an output file connected to the specified PipedInputStream.

Parameters:

snk – The InputStream to connect to.

o PipedOutputStream

```
public PipedOutputStream()
```

Creates an output file that isn't connected to anything (yet). It must be connected before being used.

Methods

o connect

```
public void connect(PipedInputStream snk) throws IOException
```

Connect this output stream to a receiver.

Parameters:

snk – The InputStream to connect to.

o write

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

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

Parameters:

b – the byte to be written

Throws: IOException

If an I/O error has occurred.

Overrides:

write in class OutputStream

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.

Overrides:

write in class OutputStream

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.

Overrides:

close in class OutputStream