

JAVA.IO.OBJECTOUTPUTSTREAM.FLUSH METHOD

http://www.tutorialspoint.com/java/io/objectoutputstream_flush.htm

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Description

The **java.io.ObjectOutputStream.flush** method flushes the stream. This will write any buffered output bytes and flush through to the underlying stream.

Declaration

Following is the declaration for **java.io.ObjectOutputStream.flush** method.

```
public void flush()
```

Parameters

- NA

Return Value

This method does not return a value.

Exception

- **IOException** -- If an I/O error has occurred.

Example

The following example shows the usage of **java.io.ObjectOutputStream.flush** method.

```
package com.tutorialspoint;

import java.io.*;

public class ObjectOutputStreamDemo {

    public static void main(String[] args) {

        int i = 319874;
        try {

            // create a new file with an ObjectOutputStream
            FileOutputStream out = new FileOutputStream("test.txt");
            ObjectOutputStream oout = new ObjectOutputStream(out);

            // write something in the file
            oout.writeInt(i);
            oout.writeInt(1653984);

            // flush the stream
            oout.flush();

            // close the stream
            oout.close();

            // create an ObjectInputStream for the file we created before
            ObjectInputStream ois =
                new ObjectInputStream(new FileInputStream("test.txt"));

            // read and print an int
            System.out.println(" " + ois.readInt());

            // read and print an int
            System.out.println(" " + ois.readInt());

        } catch (IOException e) {
            e.printStackTrace();
        }
    }
}
```

```
    } catch (Exception ex) {  
        ex.printStackTrace();  
    }  
}
```

Let us compile and run the above program, this will produce the following result:

```
319874  
1653984
```

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