

JAVA.UTIL.FORMATTER.CLOSE METHOD

http://www.tutorialspoint.com/java/util/formatter_close.htm

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Description

The **java.util.Formatter.close** method closes this formatter. If the destination implements the Closeable interface, its close method will be invoked. Closing a formatter allows it to release resources it may be holding *such as open files*. If the formatter is already closed, then invoking this method has no effect.

Declaration

Following is the declaration for **java.util.Formatter.close** method

```
public void close()
```

Parameters

- NA

Return Value

This method does not return a value.

Exception

- NA

Example

The following example shows the usage of java.util.Formatter.close method.

```
package com.tutorialspoint;

import java.util.Formatter;
import java.util.Locale;

public class FormatterDemo {

    public static void main(String[] args) {

        // create a new formatter
        StringBuffer buffer = new StringBuffer();
        Formatter formatter = new Formatter(buffer, Locale.US);

        // format a new string
        String name = "World";
        formatter.format("Hello %s !", name);

        // print the formatted string
        System.out.println(formatter);

        // close the formatter
        formatter.close();

        // attempt to access the formatter results in exception
        System.out.println(formatter);
    }
}
```

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

```
Hello World !
```

```
Exception in thread "main" java.util.FormatterClosedException
    at java.util.Formatter.ensureOpen(Formatter.java:2318)
    at java.util.Formatter.toString(Formatter.java:2265)
    at java.lang.String.valueOf(String.java:2826)
    at java.lang.StringBuilder.append(StringBuilder.java:115)
    at com.tutorialspoint.FormatterDemo.main(FormatterDemo.java:25)
Java Result: 1
```

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