

JAVA.UTIL.FORMATTER.FORMAT METHOD

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

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Description

The **java.util.Formatter.format(String format, Object... args)** method writes a formatted string to this object's destination using the specified format string and arguments. The locale used is the one defined during the construction of this formatter.

Declaration

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

```
public Formatter format(String format, Object... args)
```

Parameters

- **format** -- A format string as described in Format string syntax.
- **args** -- Arguments referenced by the format specifiers in the format string. If there are more arguments than format specifiers, the extra arguments are ignored. The maximum number of arguments is limited by the maximum dimension of a Java array as defined by the Java Virtual Machine Specification

Return Value

This method returns this formatter

Exception

- **FormatterClosedException** -- If this formatter has been closed by invoking its close method
- **IllegalFormatException** -- If a format string contains an illegal syntax, a format specifier that is incompatible with the given arguments, insufficient arguments given the format string, or other illegal conditions.

Example

The following example shows the usage of java.util.Formatter.flush 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 with default locale
        System.out.println("" + formatter + " " + formatter.locale());

    }
}
```

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

Hello World ! en US

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