

JAVA.UTIL.FORMATTER CLASS

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

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Introduction

The **java.util.Formatter** class provides support for layout justification and alignment, common formats for numeric, string, and date/time data, and locale-specific output. Following are the important points about Formatter:

- Formatters are not necessarily safe for multithreaded access. Thread safety is optional and is the responsibility of users of methods in this class.

Class declaration

Following is the declaration for **java.util.Formatter** class:

```
public final class Formatter
    extends Object
    implements Closeable, Flushable
```

Class constructors

S.N.	Constructor & Description
1	Formatter This constructor constructs a new formatter.
2	FormatterAppendablea This constructor constructs a new formatter with the specified destination.
3	FormatterAppendablea, Localel This constructor constructs a new formatter with the specified destination and locale.
4	FormatterFilefile This constructor constructs a new formatter with the specified file.
5	FormatterFilefile, Stringcsn This constructor constructs a new formatter with the specified file and charset.
6	FormatterFilefile, Stringcsn, Localel This constructor constructs a new formatter with the specified file, charset, and locale.
7	FormatterLocalel This constructor constructs a new formatter with the specified locale.

8

FormatterOutputStreamos

This constructor constructs a new formatter with the specified output stream.

9

FormatterOutputStreamos, Stringcsn

This constructor constructs a new formatter with the specified output stream and charset.

10

FormatterOutputStreamos, Stringcsn, Localel

This constructor constructs a new formatter with the specified output stream, charset, and locale.

11

FormatterPrintStreamps

This constructor constructs a new formatter with the specified print stream.

12

FormatterStringfileName

This constructor constructs a new formatter with the specified file name.

13

FormatterStringfileName, Stringcsn

This constructor constructs a new formatter with the specified file name and charset.

14

FormatterStringfileName, Stringcsn, Localel

This constructor constructs a new formatter with the specified file name, charset, and locale.

Class methods

S.N.	Method & Description
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1	<u>void close</u> This method closes this formatter.
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2	<u>void flush</u> This method flushes this formatter.
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3	<u>Formatter formatLocalel, Stringformat, Object... args</u> This method writes a formatted string to this object's destination using the specified locale, format string, and arguments.
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4

[Formatter formatStringformat, Object...args](#)

This method writes a formatted string to this object's destination using the specified format string and arguments.

5

[IOException ioException](#)

This method returns the IOException last thrown by this formatter's Appendable.

6

[Locale locale](#)

This method returns the locale set by the construction of this formatter.

7

[Appendable out](#)

This method returns the destination for the output.

8

[String toString](#)

This method returns the result of invoking toString on the destination for the output.

Methods inherited

This class inherits methods from the following classes:

• java.util.Object

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