

JAVA.IO.PRINTWRITER CLASS

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

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Introduction

The **Java.io.PrintWriter** class prints formatted representations of objects to a text-output stream.

Class declaration

Following is the declaration for **Java.io.PrintWriter** class:

```
public class PrintWriter  
    extends Writer
```

Field

Following are the fields for **Java.io.PrintWriter** class:

- **protected Writer out** -- This is the character-output stream of this PrintWriter.
- **protected Object lock** -- This is the object used to synchronize operations on this stream.

Class constructors

S.N.	Constructor & Description
1	PrintWriterFilefile This creates a new PrintWriter, without automatic line flushing, with the specified file.
2	PrintWriterFilefile, Stringcsn This creates a new PrintWriter, without automatic line flushing, with the specified file and charset.
3	PrintWriterOutputStreamout This creates a new PrintWriter, without automatic line flushing, from an existing OutputStream.
4	PrintWriterOutputStreamout, booleanautoFlush This creates a new PrintWriter from an existing OutputStream.
5	PrintWriterStringfileName This creates a new PrintWriter, without automatic line flushing, with the specified file name.
6	PrintWriterStringfileName, Stringcsn This creates a new PrintWriter, without automatic line flushing, with the specified file name and charset.

7

PrintWriter*Writerout*

This creates a new PrintWriter, without automatic line flushing.

8

PrintWriter*Writerout, booleanautoFlush*

This creates a new PrintWriter.

Class methods

S.N.	Method & Description
1	PrintWriter appendcharc This method appends the specified character to this writer.
2	PrintWriter appendCharSequencecsq This method appends the specified character sequence to this writer.
3	PrintWriter appendCharSequencecsq, intstart, intend This method appends a subsequence of the specified character sequence to this writer.
4	boolean checkError This method flushes the stream if it's not closed and checks its error state.
5	protected void clearError This method Clears the error state of this stream.
6	void close This method Closes the stream and releases any system resources associated with it.
7	void flush This method Flushes the stream.
8	PrintWriter formatLocalel, Stringformat, Object... args This method writes a formatted string to this writer using the specified format string and arguments.
9	

1

[PrintWriter appendcharc](#)

This method appends the specified character to this writer.

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[PrintWriter appendCharSequencecsq](#)

This method appends the specified character sequence to this writer.

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[PrintWriter appendCharSequencecsq, intstart, intend](#)

This method appends a subsequence of the specified character sequence to this writer.

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[boolean checkError](#)

This method flushes the stream if it's not closed and checks its error state.

5

[protected void clearError](#)

This method Clears the error state of this stream.

6

[void close](#)

This method Closes the stream and releases any system resources associated with it.

7

[void flush](#)

This method Flushes the stream.

8

[PrintWriter formatLocalel, Stringformat, Object... args](#)

This method writes a formatted string to this writer using the specified format string and arguments.

9

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

This method writes a formatted string to this writer using the specified format string and arguments.

10

[void printbooleanb](#)

This method prints a boolean value.

11

[void printcharc](#)

This method prints a character.

12

[void printchar\[\]s](#)

This method Prints an array of characters.

13

[void printdoubled](#)

This method Prints a double-precision floating-point number.

14

[void printfloatf](#)

This method prints a floating-point number.

15

[void printinti](#)

This method prints an integer.

16

[void printlongl](#)

This method prints a long integer.

17

[void printObjectobj](#)

This method prints an object.

18

[void printStrings](#)

This method prints a string.

19

[PrintWriter printfLocalel, Stringformat, Object... args](#)

This is a convenience method to write a formatted string to this writer using the specified format string and arguments.

20

[PrintWriter printfStringformat, Object... args](#)

This is a convenience method to write a formatted string to this writer using the specified

format string and arguments.

21

[void println](#)

This method terminates the current line by writing the line separator string.

22

[void printlnbooleanx](#)

This method prints a boolean value and then terminates the line.

23

[void printlncharx](#)

This method prints a character and then terminates the line.

24

[void printlnchar\[\]x](#)

This method prints an array of characters and then terminates the line.

25

[void printlndoublex](#)

This method prints a double-precision floating-point number and then terminates the line.

26

[void printlnfloatx](#)

This method prints a floating-point number and then terminates the line.

27

[void printlnintx](#)

This method prints an integer and then terminates the line.

28

[void printlnlongx](#)

This method prints a long integer and then terminates the line.

29

[void printlnObjectx](#)

This method prints an Object and then terminates the line.

30

[void printlnStringx](#)

This method prints a String and then terminates the line.

31

[protected void setError](#)

This method indicates that an error has occurred.

32

[void writechar\[\]buf](#)

This method writes an array of characters.

33

[void writechar\[\]buf, intoff, intlen](#)

This method writes a portion of an array of characters.

34

[void writeintc](#)

This methodWrites a single character.

35

[void writeStrings](#)

This method writes a string.

36

[void writeStrings, intoff, intlen](#)

This method writes a portion of a string.

Methods inherited

This class inherits methods from the following classes:

• java.io.Object

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