

JAVA.IO.PRINTSTREAM CLASS

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

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Introduction

The **Java.io.PrintStream** class adds functionality to another output stream, the ability to print representations of various data values conveniently.

Class declaration

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

```
public class PrintStream
    extends FilterOutputStream
    implements Appendable, Closeable
```

Field

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

- **protected OutputStream out** -- This is the output stream to be filtered.

Class constructors

S.N.	Constructor & Description
1	PrintStreamFilefile This creates a new print stream, without automatic line flushing, with the specified file.
2	PrintStreamFilefile, Stringcsn This creates a new print stream, without automatic line flushing, with the specified file and charset.
3	PrintStreamOutputStreamout This creates a new print stream.
4	PrintStreamOutputStreamout, booleanautoFlush This creates a new print stream.
5	PrintStreamOutputStreamout, booleanautoFlush, Stringencoding This creates a new print stream.
6	PrintStreamStringfileName This creates a new print stream, without automatic line flushing, with the specified file name.

7

`PrintStream`*String**fileName*, *String**csn*

This creates a new print stream, without automatic line flushing, with the specified file name and charset.

Class methods**S.N. Method & Description**

1

[`PrintStream` `appendChar`](#)

This method appends the specified character to this output stream.

2

[`PrintStream` `appendCharSequence`](#)*csq*

This method appends the specified character sequence to this output stream.

3

[`PrintStream` `appendCharSequence`](#)*csq*, *int**start*, *int**end*

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

4

[`boolean` `checkError`](#)

This method flushes the stream and checks its error state.

5

[`protected void` `clearError`](#)

This method clears the internal error state of this stream.

6

[`void` `close`](#)

This method closes the stream.

7

[`void` `flush`](#)

This method flushes the stream.

8

[`PrintStream` `format`](#)*Locale**l*, *String**format*, *Object*...*args*

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

9

[`PrintStream` `formatString`](#)*format*, *Object*...*args*

This method writes a formatted string to this output stream 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

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

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

20

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

This is a convenience method to write a formatted string to this output stream 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 and then terminate the line.

23

[void printlncharx](#)

This method prints a character and then terminate the line.

24

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

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

25

[void printlndoublex](#)

This method prints a double and then terminate the line.

26

[void printlnfloatx](#)

This method Prints a float and then terminate the line.

27

[void printlnintx](#)

This method prints an integer and then terminate the line.

28

[void printlnlongx](#)

This method prints a long and then terminate the line.

29

[void printlnObjectx](#)

This method prints an Object and then terminate the line.

30

[void printlnStringx](#)

This method prints a String and then terminate the line.

31

[protected void setError](#)

This method sets the error state of the stream to true.

32

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

This method writes len bytes from the specified byte array starting at offset off to this stream.

33

[void write***int***b](#)

This method writes the specified byte to this stream.

Methods inherited

This class inherits methods from the following classes:

- [Java.io.FilterOutputStream](#)
- [Java.io.Object](#)

Processing math: 100%