| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/io/PrintStream.html) | **Use** | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/io//class-usePrintStream.html)    [**NO FRAMES**](http://docs.google.com/PrintStream.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.io.PrintStream**

| Packages that use [PrintStream](http://docs.google.com/java/io/PrintStream.html) | |
| --- | --- |
| [**java.awt**](#3znysh7) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**java.io**](#2et92p0) | Provides for system input and output through data streams, serialization and the file system. |
| [**java.lang**](#tyjcwt) | Provides classes that are fundamental to the design of the Java programming language. |
| [**java.rmi.server**](#3dy6vkm) | Provides classes and interfaces for supporting the server side of RMI. |
| [**java.sql**](#1t3h5sf) | Provides the API for accessing and processing data stored in a data source (usually a relational database) using the JavaTM programming language. |
| [**java.util**](#4d34og8) | Contains the collections framework, legacy collection classes, event model, date and time facilities, internationalization, and miscellaneous utility classes (a string tokenizer, a random-number generator, and a bit array). |
| [**javax.swing**](#2s8eyo1) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.text**](#17dp8vu) | Provides classes and interfaces that deal with editable and noneditable text components. |
| [**javax.xml.bind**](#3rdcrjn) | Provides a runtime binding framework for client applications including unmarshalling, marshalling, and validation capabilities. |
| [**javax.xml.crypto**](#26in1rg) | Common classes for XML cryptography. |
| [**javax.xml.crypto.dsig**](#lnxbz9) | Classes for generating and validating XML digital signatures. |
| [**javax.xml.transform**](#35nkun2) | This package defines the generic APIs for processing transformation instructions, and performing a transformation from source to result. |
| [**javax.xml.xpath**](#1ksv4uv) | This package provides an *object-model neutral* API for the evaluation of XPath expressions and access to the evaluation environment. |

| Uses of [PrintStream](http://docs.google.com/java/io/PrintStream.html) in [java.awt](http://docs.google.com/java/awt/package-summary.html) | |
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| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) with parameters of type [PrintStream](http://docs.google.com/java/io/PrintStream.html) | |
| --- | --- |
| void | **Component.**[**list**](http://docs.google.com/java/awt/Component.html#list(java.io.PrintStream))([PrintStream](http://docs.google.com/java/io/PrintStream.html) out)            Prints a listing of this component to the specified output stream. |
| void | **Container.**[**list**](http://docs.google.com/java/awt/Container.html#list(java.io.PrintStream,%20int))([PrintStream](http://docs.google.com/java/io/PrintStream.html) out, int indent)            Prints a listing of this container to the specified output stream. |
| void | **Component.**[**list**](http://docs.google.com/java/awt/Component.html#list(java.io.PrintStream,%20int))([PrintStream](http://docs.google.com/java/io/PrintStream.html) out, int indent)            Prints out a list, starting at the specified indentation, to the specified print stream. |

| Uses of [PrintStream](http://docs.google.com/java/io/PrintStream.html) in [java.io](http://docs.google.com/java/io/package-summary.html) | |
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| Methods in [java.io](http://docs.google.com/java/io/package-summary.html) that return [PrintStream](http://docs.google.com/java/io/PrintStream.html) | |
| --- | --- |
| [PrintStream](http://docs.google.com/java/io/PrintStream.html) | **PrintStream.**[**append**](http://docs.google.com/java/io/PrintStream.html#append(char))(char c)            Appends the specified character to this output stream. |
| [PrintStream](http://docs.google.com/java/io/PrintStream.html) | **PrintStream.**[**append**](http://docs.google.com/java/io/PrintStream.html#append(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) csq)            Appends the specified character sequence to this output stream. |
| [PrintStream](http://docs.google.com/java/io/PrintStream.html) | **PrintStream.**[**append**](http://docs.google.com/java/io/PrintStream.html#append(java.lang.CharSequence,%20int,%20int))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) csq, int start, int end)            Appends a subsequence of the specified character sequence to this output stream. |
| [PrintStream](http://docs.google.com/java/io/PrintStream.html) | **PrintStream.**[**format**](http://docs.google.com/java/io/PrintStream.html#format(java.util.Locale,%20java.lang.String,%20java.lang.Object...))([Locale](http://docs.google.com/java/util/Locale.html) l, [String](http://docs.google.com/java/lang/String.html) format, [Object](http://docs.google.com/java/lang/Object.html)... args)            Writes a formatted string to this output stream using the specified format string and arguments. |
| [PrintStream](http://docs.google.com/java/io/PrintStream.html) | **PrintStream.**[**format**](http://docs.google.com/java/io/PrintStream.html#format(java.lang.String,%20java.lang.Object...))([String](http://docs.google.com/java/lang/String.html) format, [Object](http://docs.google.com/java/lang/Object.html)... args)            Writes a formatted string to this output stream using the specified format string and arguments. |
| [PrintStream](http://docs.google.com/java/io/PrintStream.html) | **PrintStream.**[**printf**](http://docs.google.com/java/io/PrintStream.html#printf(java.util.Locale,%20java.lang.String,%20java.lang.Object...))([Locale](http://docs.google.com/java/util/Locale.html) l, [String](http://docs.google.com/java/lang/String.html) format, [Object](http://docs.google.com/java/lang/Object.html)... args)            A convenience method to write a formatted string to this output stream using the specified format string and arguments. |
| [PrintStream](http://docs.google.com/java/io/PrintStream.html) | **PrintStream.**[**printf**](http://docs.google.com/java/io/PrintStream.html#printf(java.lang.String,%20java.lang.Object...))([String](http://docs.google.com/java/lang/String.html) format, [Object](http://docs.google.com/java/lang/Object.html)... args)            A convenience method to write a formatted string to this output stream using the specified format string and arguments. |

| Uses of [PrintStream](http://docs.google.com/java/io/PrintStream.html) in [java.lang](http://docs.google.com/java/lang/package-summary.html) | |
| --- | --- |

| Fields in [java.lang](http://docs.google.com/java/lang/package-summary.html) declared as [PrintStream](http://docs.google.com/java/io/PrintStream.html) | |
| --- | --- |
| static [PrintStream](http://docs.google.com/java/io/PrintStream.html) | **System.**[**err**](http://docs.google.com/java/lang/System.html#err)            The "standard" error output stream. |
| static [PrintStream](http://docs.google.com/java/io/PrintStream.html) | **System.**[**out**](http://docs.google.com/java/lang/System.html#out)            The "standard" output stream. |

| Methods in [java.lang](http://docs.google.com/java/lang/package-summary.html) with parameters of type [PrintStream](http://docs.google.com/java/io/PrintStream.html) | |
| --- | --- |
| void | **Throwable.**[**printStackTrace**](http://docs.google.com/java/lang/Throwable.html#printStackTrace(java.io.PrintStream))([PrintStream](http://docs.google.com/java/io/PrintStream.html) s)            Prints this throwable and its backtrace to the specified print stream. |
| static void | **System.**[**setErr**](http://docs.google.com/java/lang/System.html#setErr(java.io.PrintStream))([PrintStream](http://docs.google.com/java/io/PrintStream.html) err)            Reassigns the "standard" error output stream. |
| static void | **System.**[**setOut**](http://docs.google.com/java/lang/System.html#setOut(java.io.PrintStream))([PrintStream](http://docs.google.com/java/io/PrintStream.html) out)            Reassigns the "standard" output stream. |

| Uses of [PrintStream](http://docs.google.com/java/io/PrintStream.html) in [java.rmi.server](http://docs.google.com/java/rmi/server/package-summary.html) | |
| --- | --- |

| Subclasses of [PrintStream](http://docs.google.com/java/io/PrintStream.html) in [java.rmi.server](http://docs.google.com/java/rmi/server/package-summary.html) | |
| --- | --- |
| class | [**LogStream**](http://docs.google.com/java/rmi/server/LogStream.html)  **Deprecated.** *no replacement* |

| Methods in [java.rmi.server](http://docs.google.com/java/rmi/server/package-summary.html) that return [PrintStream](http://docs.google.com/java/io/PrintStream.html) | |
| --- | --- |
| static [PrintStream](http://docs.google.com/java/io/PrintStream.html) | **LogStream.**[**getDefaultStream**](http://docs.google.com/java/rmi/server/LogStream.html#getDefaultStream())()  **Deprecated.** *no replacement* |
| static [PrintStream](http://docs.google.com/java/io/PrintStream.html) | **RemoteServer.**[**getLog**](http://docs.google.com/java/rmi/server/RemoteServer.html#getLog())()            Returns stream for the RMI call log. |

| Methods in [java.rmi.server](http://docs.google.com/java/rmi/server/package-summary.html) with parameters of type [PrintStream](http://docs.google.com/java/io/PrintStream.html) | |
| --- | --- |
| static void | **LogStream.**[**setDefaultStream**](http://docs.google.com/java/rmi/server/LogStream.html#setDefaultStream(java.io.PrintStream))([PrintStream](http://docs.google.com/java/io/PrintStream.html) newDefault)  **Deprecated.** *no replacement* |

| Uses of [PrintStream](http://docs.google.com/java/io/PrintStream.html) in [java.sql](http://docs.google.com/java/sql/package-summary.html) | |
| --- | --- |

| Methods in [java.sql](http://docs.google.com/java/sql/package-summary.html) that return [PrintStream](http://docs.google.com/java/io/PrintStream.html) | |
| --- | --- |
| static [PrintStream](http://docs.google.com/java/io/PrintStream.html) | **DriverManager.**[**getLogStream**](http://docs.google.com/java/sql/DriverManager.html#getLogStream())()  **Deprecated.** |

| Methods in [java.sql](http://docs.google.com/java/sql/package-summary.html) with parameters of type [PrintStream](http://docs.google.com/java/io/PrintStream.html) | |
| --- | --- |
| static void | **DriverManager.**[**setLogStream**](http://docs.google.com/java/sql/DriverManager.html#setLogStream(java.io.PrintStream))([PrintStream](http://docs.google.com/java/io/PrintStream.html) out)  **Deprecated.** |

| Uses of [PrintStream](http://docs.google.com/java/io/PrintStream.html) in [java.util](http://docs.google.com/java/util/package-summary.html) | |
| --- | --- |

| Methods in [java.util](http://docs.google.com/java/util/package-summary.html) with parameters of type [PrintStream](http://docs.google.com/java/io/PrintStream.html) | |
| --- | --- |
| void | **Properties.**[**list**](http://docs.google.com/java/util/Properties.html#list(java.io.PrintStream))([PrintStream](http://docs.google.com/java/io/PrintStream.html) out)            Prints this property list out to the specified output stream. |

| Constructors in [java.util](http://docs.google.com/java/util/package-summary.html) with parameters of type [PrintStream](http://docs.google.com/java/io/PrintStream.html) | |
| --- | --- |
| [**Formatter**](http://docs.google.com/java/util/Formatter.html#Formatter(java.io.PrintStream))([PrintStream](http://docs.google.com/java/io/PrintStream.html) ps)            Constructs a new formatter with the specified print stream. |

| Uses of [PrintStream](http://docs.google.com/java/io/PrintStream.html) in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
| --- | --- |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that return [PrintStream](http://docs.google.com/java/io/PrintStream.html) | |
| --- | --- |
| static [PrintStream](http://docs.google.com/java/io/PrintStream.html) | **DebugGraphics.**[**logStream**](http://docs.google.com/javax/swing/DebugGraphics.html#logStream())()            Returns the stream to which the DebugGraphics logs drawing operations. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [PrintStream](http://docs.google.com/java/io/PrintStream.html) | |
| --- | --- |
| static void | **DebugGraphics.**[**setLogStream**](http://docs.google.com/javax/swing/DebugGraphics.html#setLogStream(java.io.PrintStream))([PrintStream](http://docs.google.com/java/io/PrintStream.html) stream)            Sets the stream to which the DebugGraphics logs drawing operations. |

| Uses of [PrintStream](http://docs.google.com/java/io/PrintStream.html) in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) | |
| --- | --- |

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) with parameters of type [PrintStream](http://docs.google.com/java/io/PrintStream.html) | |
| --- | --- |
| void | **AbstractDocument.**[**dump**](http://docs.google.com/javax/swing/text/AbstractDocument.html#dump(java.io.PrintStream))([PrintStream](http://docs.google.com/java/io/PrintStream.html) out)            Gives a diagnostic dump. |
| void | **AbstractDocument.AbstractElement.**[**dump**](http://docs.google.com/javax/swing/text/AbstractDocument.AbstractElement.html#dump(java.io.PrintStream,%20int))([PrintStream](http://docs.google.com/java/io/PrintStream.html) psOut, int indentAmount)            Dumps a debugging representation of the element hierarchy. |

| Uses of [PrintStream](http://docs.google.com/java/io/PrintStream.html) in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) with parameters of type [PrintStream](http://docs.google.com/java/io/PrintStream.html) | |
| --- | --- |
| void | **TypeConstraintException.**[**printStackTrace**](http://docs.google.com/javax/xml/bind/TypeConstraintException.html#printStackTrace(java.io.PrintStream))([PrintStream](http://docs.google.com/java/io/PrintStream.html) s)            Prints this TypeConstraintException and its stack trace (including the stack trace of the linkedException if it is non-null) to the PrintStream. |
| void | **JAXBException.**[**printStackTrace**](http://docs.google.com/javax/xml/bind/JAXBException.html#printStackTrace(java.io.PrintStream))([PrintStream](http://docs.google.com/java/io/PrintStream.html) s)            Prints this JAXBException and its stack trace (including the stack trace of the linkedException if it is non-null) to the PrintStream. |

| Uses of [PrintStream](http://docs.google.com/java/io/PrintStream.html) in [javax.xml.crypto](http://docs.google.com/javax/xml/crypto/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.crypto](http://docs.google.com/javax/xml/crypto/package-summary.html) with parameters of type [PrintStream](http://docs.google.com/java/io/PrintStream.html) | |
| --- | --- |
| void | **NoSuchMechanismException.**[**printStackTrace**](http://docs.google.com/javax/xml/crypto/NoSuchMechanismException.html#printStackTrace(java.io.PrintStream))([PrintStream](http://docs.google.com/java/io/PrintStream.html) s)            Prints this NoSuchMechanismException, its backtrace and the cause's backtrace to the specified print stream. |
| void | **URIReferenceException.**[**printStackTrace**](http://docs.google.com/javax/xml/crypto/URIReferenceException.html#printStackTrace(java.io.PrintStream))([PrintStream](http://docs.google.com/java/io/PrintStream.html) s)            Prints this URIReferenceException, its backtrace and the cause's backtrace to the specified print stream. |
| void | **MarshalException.**[**printStackTrace**](http://docs.google.com/javax/xml/crypto/MarshalException.html#printStackTrace(java.io.PrintStream))([PrintStream](http://docs.google.com/java/io/PrintStream.html) s)            Prints this MarshalException, its backtrace and the cause's backtrace to the specified print stream. |
| void | **KeySelectorException.**[**printStackTrace**](http://docs.google.com/javax/xml/crypto/KeySelectorException.html#printStackTrace(java.io.PrintStream))([PrintStream](http://docs.google.com/java/io/PrintStream.html) s)            Prints this KeySelectorException, its backtrace and the cause's backtrace to the specified print stream. |

| Uses of [PrintStream](http://docs.google.com/java/io/PrintStream.html) in [javax.xml.crypto.dsig](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.crypto.dsig](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html) with parameters of type [PrintStream](http://docs.google.com/java/io/PrintStream.html) | |
| --- | --- |
| void | **XMLSignatureException.**[**printStackTrace**](http://docs.google.com/javax/xml/crypto/dsig/XMLSignatureException.html#printStackTrace(java.io.PrintStream))([PrintStream](http://docs.google.com/java/io/PrintStream.html) s)            Prints this XMLSignatureException, its backtrace and the cause's backtrace to the specified print stream. |
| void | **TransformException.**[**printStackTrace**](http://docs.google.com/javax/xml/crypto/dsig/TransformException.html#printStackTrace(java.io.PrintStream))([PrintStream](http://docs.google.com/java/io/PrintStream.html) s)            Prints this TransformException, its backtrace and the cause's backtrace to the specified print stream. |

| Uses of [PrintStream](http://docs.google.com/java/io/PrintStream.html) in [javax.xml.transform](http://docs.google.com/javax/xml/transform/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.transform](http://docs.google.com/javax/xml/transform/package-summary.html) with parameters of type [PrintStream](http://docs.google.com/java/io/PrintStream.html) | |
| --- | --- |
| void | **TransformerException.**[**printStackTrace**](http://docs.google.com/javax/xml/transform/TransformerException.html#printStackTrace(java.io.PrintStream))([PrintStream](http://docs.google.com/java/io/PrintStream.html) s)            Print the the trace of methods from where the error originated. |

| Uses of [PrintStream](http://docs.google.com/java/io/PrintStream.html) in [javax.xml.xpath](http://docs.google.com/javax/xml/xpath/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.xpath](http://docs.google.com/javax/xml/xpath/package-summary.html) with parameters of type [PrintStream](http://docs.google.com/java/io/PrintStream.html) | |
| --- | --- |
| void | **XPathException.**[**printStackTrace**](http://docs.google.com/javax/xml/xpath/XPathException.html#printStackTrace(java.io.PrintStream))([PrintStream](http://docs.google.com/java/io/PrintStream.html) s)            Print stack trace to specified PrintStream. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/io/PrintStream.html) | **Use** | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/io//class-usePrintStream.html)    [**NO FRAMES**](http://docs.google.com/PrintStream.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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