

Javadocs

- Annotations
- Interactive Docs
- javadoc tool

Introduction to Java



See Also

<http://www.oracle.com/technetwork/articles/java/index-137868.html>

<http://www.oracle.com/technetwork/articles/java/index-jsp-135444.html>



Annotations

```
/**
 * Returns an Image object that can then be painted on the screen.
 * The url argument must specify an absolute {@link URL}. The name
 * argument is a specifier that is relative to the url argument.
 * <p>
 * This method always returns immediately, whether or not the
 * image exists. When this applet attempts to draw the image on
 * the screen, the data will be loaded. The graphics primitives
 * that draw the image will incrementally paint on the screen.
 *
 * @param url an absolute URL giving the base location of the image
 * @param name the location of the image, relative to the url argument
 * @return the image at the specified URL
 * @see Image
 */
public Image getImage(URL url, String name) {
    try {
        return getImage(new URL(url, name));
    } catch (MalformedURLException e) {
        return null;
    }
}
```

Tag

[@author](#)

[{@code}](#)

[{@docRoot}](#)

[@deprecated](#)

[@exception](#)

[{@inheritDoc}](#)

[{@link}](#)

[{@linkplain}](#)

[{@literal}](#)

[@param](#)

[@return](#)

[@see](#)

[@serial](#)

[@serialData](#)

[@serialField](#)

[@since](#)

[@throws](#)

[{@value}](#)

[@version](#)

Interactive Docs

Christopher

String (Java Platform SE 7)

docs.oracle.com/javase/7/docs/api/

java.io
java.lang
java.lang.annotation
java.lang.instrument
java.lang.invoke
java.lang.management
java.lang.ref
java.lang.reflect
java.math
java.net
java.nio
Thread.UncaughtExceptionHandler

Classes

Boolean
Byte
Character
Character.Subset
Character.UnicodeBlock
Class
ClassLoader
ClassValue
Compiler
Double
Enum
Float
InheritableThreadLocal
Integer
Long
Math
Number
Object
Package
Process
ProcessBuilder
ProcessBuilder.Redirect
Runtime

The Java language provides special support for the string concatenation operator (+), and for conversion of other objects to strings. String concatenation is implemented through the `StringBuilder` (or `StringBuffer`) class and its `append` method. String conversions are implemented through the method `toString`, defined by `Object` and inherited by all classes in Java. For additional information on string concatenation and conversion, see Gosling, Joy, and Steele, *The Java Language Specification*.

Unless otherwise noted, passing a `null` argument to a constructor or method in this class will cause a `NullPointerException` to be thrown.

A `String` represents a string in the UTF-16 format in which *supplementary characters* are represented by *surrogate pairs* (see the section `Unicode Character Representations` in the `Character` class for more information). Index values refer to `char` code units, so a supplementary character uses two positions in a `String`.

The `String` class provides methods for dealing with Unicode code points (i.e., characters), in addition to those for dealing with Unicode code units (i.e., `char` values).

Since:
JDK1.0

See Also:
`Object.toString()`, `StringBuffer`, `StringBuilder`, `Charset`, `Serialized Form`

Field Summary

Fields

Modifier and Type	Field and Description
<code>static Comparator<String></code>	<code>CASE_INSENSITIVE_ORDER</code> A <code>Comparator</code> that orders <code>String</code> objects as by <code>compareToIgnoreCase</code> .

Constructor Summary

Constructors

Constructor and Description

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Javadoc Tool

```
javadoc -sourcepath $(SRCDIR) \ /* Sets path for source files */
-overview $(SRCDIR)/overview.html \ /* Sets file for overview text */
-d /java/jdk/build/api \ /* Sets destination directory */
-use \ /* Adds "Use" files */
-splitIndex \ /* Splits index A-Z */
-windowtitle $(WINDOWTITLE) \ /* Adds a window title */
-doctitle $(DOCTITLE) \ /* Adds a doc title */
-header $(HEADER) \ /* Adds running header text */
-bottom $(BOTTOM) \ /* Adds text at bottom */
-group $(GROUPCORE) \ /* 1st subhead on overview page */
-group $(GROUPEXT) \ /* 2nd subhead on overview page */
-J-Xmx180m \ /* Sets memory to 180MB */
java.lang java.lang.reflect \ /* Sets packages to document */
java.util java.io java.net \
java.applet
```

WINDOWTITLE = 'Java™ SE 7 API Specification'

DOCTITLE = 'Java™ Platform Standard Edition 7 API Specification'

HEADER = 'Java™ SE 7'

BOTTOM = '

<http://bugreport.sun.com/bugreport/>>Submit a bug or feature

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GROUPCORE = '"Core Packages" "java.*:com.sun.java.*:org.omg.*"'

GROUPEXT = '"Extension Packages" "javax.*"'

SRCDIR = '/java/jdk/1.7.0/src/share/classes'

Tinkering

- Add javadocs to your last exercise
- Retype a few of the “main” lines and see your javadoc help info when you press the “dots”
- Surf the online interactive javadocs for some of the language classes you know

