| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/lang/Class.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/lang//class-useClass.html)    [**NO FRAMES**](http://docs.google.com/Class.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.lang.Class**

| Packages that use [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [**java.awt**](#3znysh7) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**java.awt.datatransfer**](#2et92p0) | Provides interfaces and classes for transferring data between and within applications. |
| [**java.awt.dnd**](#tyjcwt) | Drag and Drop is a direct manipulation gesture found in many Graphical User Interface systems that provides a mechanism to transfer information between two entities logically associated with presentation elements in the GUI. |
| [**java.awt.image.renderable**](#3dy6vkm) | Provides classes and interfaces for producing rendering-independent images. |
| [**java.beans**](#1t3h5sf) | Contains classes related to developing *beans* -- components based on the JavaBeansTM architecture. |
| [**java.beans.beancontext**](#4d34og8) | Provides classes and interfaces relating to bean context. |
| [**java.io**](#2s8eyo1) | Provides for system input and output through data streams, serialization and the file system. |
| [**java.lang**](#17dp8vu) | Provides classes that are fundamental to the design of the Java programming language. |
| [**java.lang.annotation**](#3rdcrjn) | Provides library support for the Java programming language annotation facility. |
| [**java.lang.instrument**](#26in1rg) | Provides services that allow Java programming language agents to instrument programs running on the JVM. |
| [**java.lang.management**](#lnxbz9) | Provides the management interface for monitoring and management of the Java virtual machine as well as the operating system on which the Java virtual machine is running. |
| [**java.lang.reflect**](#35nkun2) | Provides classes and interfaces for obtaining reflective information about classes and objects. |
| [**java.net**](#1ksv4uv) | Provides the classes for implementing networking applications. |
| [**java.rmi.server**](#44sinio) | Provides classes and interfaces for supporting the server side of RMI. |
| [**java.security**](#2jxsxqh) | Provides the classes and interfaces for the security framework. |
| [**java.sql**](#z337ya) | Provides the API for accessing and processing data stored in a data source (usually a relational database) using the JavaTM programming language. |
| [**java.util**](#3j2qqm3) | 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). |
| [**java.util.concurrent.atomic**](#1y810tw) | A small toolkit of classes that support lock-free thread-safe programming on single variables. |
| [**java.util.prefs**](#4i7ojhp) | This package allows applications to store and retrieve user and system preference and configuration data. |
| [**javax.activation**](#2xcytpi) |  |
| [**javax.annotation.processing**](#1ci93xb) | Facilities for declaring annotation processors and for allowing annotation processors to communicate with an annotation processing tool environment. |
| [**javax.crypto**](#3whwml4) | Provides the classes and interfaces for cryptographic operations. |
| [**javax.imageio.metadata**](#2bn6wsx) | A package of the Java Image I/O API dealing with reading and writing metadata. |
| [**javax.imageio.spi**](#qsh70q) | A package of the Java Image I/O API containing the plug-in interfaces for readers, writers, transcoders, and streams, and a runtime registry. |
| [**javax.lang.model.element**](#3as4poj) | Interfaces used to model elements of the Java programming language. |
| [**javax.management**](#1pxezwc) | Provides the core classes for the Java Management Extensions. |
| [**javax.management.loading**](#49x2ik5) | Provides the classes which implement advanced dynamic loading. |
| [**javax.management.openmbean**](#2p2csry) | Provides the open data types and Open MBean descriptor classes. |
| [**javax.naming.spi**](#147n2zr) | Provides the means for dynamically plugging in support for accessing naming and directory services through the javax.naming and related packages. |
| [**javax.print**](#3o7alnk) | Provides the principal classes and interfaces for the JavaTM Print Service API. |
| [**javax.print.attribute**](#23ckvvd) | Provides classes and interfaces that describe the types of JavaTM Print Service attributes and how they can be collected into attribute sets. |
| [**javax.print.attribute.standard**](#ihv636) | Package javax.print.attribute.standard contains classes for specific printing attributes. |
| [**javax.rmi**](#32hioqz) | Contains user APIs for RMI-IIOP. |
| [**javax.rmi.CORBA**](#1hmsyys) | Contains portability APIs for RMI-IIOP. |
| [**javax.script**](#41mghml) | The scripting API consists of interfaces and classes that define Java TM Scripting Engines and provides a framework for their use in Java applications. |
| [**javax.security.auth**](#2grqrue) | This package provides a framework for authentication and authorization. |
| [**javax.sound.midi**](#vx1227) | Provides interfaces and classes for I/O, sequencing, and synthesis of MIDI (Musical Instrument Digital Interface) data. |
| [**javax.sound.sampled**](#3fwokq0) | Provides interfaces and classes for capture, processing, and playback of sampled audio data. |
| [**javax.sql**](#1v1yuxt) | Provides the API for server side data source access and processing from the JavaTM programming language. |
| [**javax.sql.rowset**](#4f1mdlm) | Standard interfaces and base classes for JDBC RowSet implementations. |
| [**javax.sql.rowset.serial**](#2u6wntf) | Provides utility classes to allow serializable mappings between SQL types and data types in the Java programming language. |
| [**javax.swing**](#19c6y18) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.event**](#3tbugp1) | Provides for events fired by Swing components. |
| [**javax.swing.plaf.synth**](#28h4qwu) | Synth is a skinnable look and feel in which all painting is delegated. |
| [**javax.swing.table**](#nmf14n) | Provides classes and interfaces for dealing with javax.swing.JTable. |
| [**javax.swing.text**](#37m2jsg) | Provides classes and interfaces that deal with editable and noneditable text components. |
| [**javax.swing.tree**](#1mrcu09) | Provides classes and interfaces for dealing with javax.swing.JTree. |
| [**javax.xml.bind**](#46r0co2) | Provides a runtime binding framework for client applications including unmarshalling, marshalling, and validation capabilities. |
| [**javax.xml.bind.helpers**](#2lwamvv) | **JAXB Provider Use Only:** Provides partial default implementations for some of the javax.xml.bind interfaces. |
| [**javax.xml.ws**](#111kx3o) | This package contains the core JAX-WS APIs. |
| [**javax.xml.ws.spi**](#3l18frh) | This package defines SPIs for JAX-WS 2.0. |
| [**org.omg.CORBA**](#206ipza) | Provides the mapping of the OMG CORBA APIs to the JavaTM programming language, including the class ORB, which is implemented so that a programmer can use it as a fully-functional Object Request Broker (ORB). |
| [**org.omg.CORBA\_2\_3.portable**](#4k668n3) | Provides methods for the input and output of value types, and contains other updates to the org/omg/CORBA/portable package. |
| [**org.omg.CORBA.portable**](#2zbgiuw) | Provides a portability layer, that is, a set of ORB APIs that makes it possible for code generated by one vendor to run on another vendor's ORB. |
| [**org.omg.DynamicAny**](#1egqt2p) | Provides classes and interfaces that enable traversal of the data value associated with an any at runtime, and extraction of the primitive constituents of the data value. |
| [**org.omg.PortableServer**](#3ygebqi) | Provides classes and interfaces for making the server side of your applications portable across multivendor ORBs. |

| Uses of [Class](http://docs.google.com/java/lang/Class.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 [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| | <T extends [DragGestureRecognizer](http://docs.google.com/java/awt/dnd/DragGestureRecognizer.html)>  T | | --- | | **Toolkit.**[**createDragGestureRecognizer**](http://docs.google.com/java/awt/Toolkit.html#createDragGestureRecognizer(java.lang.Class,%20java.awt.dnd.DragSource,%20java.awt.Component,%20int,%20java.awt.dnd.DragGestureListener))([Class](http://docs.google.com/java/lang/Class.html)<T> abstractRecognizerClass, [DragSource](http://docs.google.com/java/awt/dnd/DragSource.html) ds, [Component](http://docs.google.com/java/awt/Component.html) c, int srcActions, [DragGestureListener](http://docs.google.com/java/awt/dnd/DragGestureListener.html) dgl)            Creates a concrete, platform dependent, subclass of the abstract DragGestureRecognizer class requested, and associates it with the DragSource, Component and DragGestureListener specified. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **CheckboxMenuItem.**[**getListeners**](http://docs.google.com/java/awt/CheckboxMenuItem.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this CheckboxMenuItem. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **MenuItem.**[**getListeners**](http://docs.google.com/java/awt/MenuItem.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this MenuItem. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **Window.**[**getListeners**](http://docs.google.com/java/awt/Window.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this Window. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **Choice.**[**getListeners**](http://docs.google.com/java/awt/Choice.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this Choice. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **Container.**[**getListeners**](http://docs.google.com/java/awt/Container.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this Container. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **Scrollbar.**[**getListeners**](http://docs.google.com/java/awt/Scrollbar.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this Scrollbar. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **Checkbox.**[**getListeners**](http://docs.google.com/java/awt/Checkbox.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this Checkbox. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **List.**[**getListeners**](http://docs.google.com/java/awt/List.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this List. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **TextComponent.**[**getListeners**](http://docs.google.com/java/awt/TextComponent.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this TextComponent. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **TextField.**[**getListeners**](http://docs.google.com/java/awt/TextField.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this TextField. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **Button.**[**getListeners**](http://docs.google.com/java/awt/Button.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this Button. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **Component.**[**getListeners**](http://docs.google.com/java/awt/Component.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this Component. |
| static   | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **AWTEventMulticaster.**[**getListeners**](http://docs.google.com/java/awt/AWTEventMulticaster.html#getListeners(java.util.EventListener,%20java.lang.Class))([EventListener](http://docs.google.com/java/util/EventListener.html) l, [Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects chained as *Foo*Listeners by the specified java.util.EventListener. |
| protected static void | **AWTKeyStroke.**[**registerSubclass**](http://docs.google.com/java/awt/AWTKeyStroke.html#registerSubclass(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> subclass)            Registers a new class which the factory methods in AWTKeyStroke will use when generating new instances of AWTKeyStrokes. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [java.awt.datatransfer](http://docs.google.com/java/awt/datatransfer/package-summary.html) | |
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| Methods in [java.awt.datatransfer](http://docs.google.com/java/awt/datatransfer/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **DataFlavor.**[**getDefaultRepresentationClass**](http://docs.google.com/java/awt/datatransfer/DataFlavor.html#getDefaultRepresentationClass())() |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **DataFlavor.**[**getRepresentationClass**](http://docs.google.com/java/awt/datatransfer/DataFlavor.html#getRepresentationClass())()            Returns the Class which objects supporting this DataFlavor will return when this DataFlavor is requested. |
| protected static [Class](http://docs.google.com/java/lang/Class.html)<?> | **DataFlavor.**[**tryToLoadClass**](http://docs.google.com/java/awt/datatransfer/DataFlavor.html#tryToLoadClass(java.lang.String,%20java.lang.ClassLoader))([String](http://docs.google.com/java/lang/String.html) className, [ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) fallback)            Tries to load a class from: the bootstrap loader, the system loader, the context loader (if one is present) and finally the loader specified. |

| Constructors in [java.awt.datatransfer](http://docs.google.com/java/awt/datatransfer/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [**DataFlavor**](http://docs.google.com/java/awt/datatransfer/DataFlavor.html#DataFlavor(java.lang.Class,%20java.lang.String))([Class](http://docs.google.com/java/lang/Class.html)<?> representationClass, [String](http://docs.google.com/java/lang/String.html) humanPresentableName)            Constructs a DataFlavor that represents a Java class. |

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

| Methods in [java.awt.dnd](http://docs.google.com/java/awt/dnd/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| | <T extends [DragGestureRecognizer](http://docs.google.com/java/awt/dnd/DragGestureRecognizer.html)>  T | | --- | | **DragSource.**[**createDragGestureRecognizer**](http://docs.google.com/java/awt/dnd/DragSource.html#createDragGestureRecognizer(java.lang.Class,%20java.awt.Component,%20int,%20java.awt.dnd.DragGestureListener))([Class](http://docs.google.com/java/lang/Class.html)<T> recognizerAbstractClass, [Component](http://docs.google.com/java/awt/Component.html) c, int actions, [DragGestureListener](http://docs.google.com/java/awt/dnd/DragGestureListener.html) dgl)            Creates a new DragGestureRecognizer that implements the specified abstract subclass of DragGestureRecognizer, and sets the specified Component and DragGestureListener on the newly created object. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **DragSource.**[**getListeners**](http://docs.google.com/java/awt/dnd/DragSource.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Gets all the objects currently registered as *Foo*Listeners upon this DragSource. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [java.awt.image.renderable](http://docs.google.com/java/awt/image/renderable/package-summary.html) | |
| --- | --- |

| Methods in [java.awt.image.renderable](http://docs.google.com/java/awt/image/renderable/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)[] | **ParameterBlock.**[**getParamClasses**](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html#getParamClasses())()            Returns an array of Class objects describing the types of the parameters. |

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

| Methods in [java.beans](http://docs.google.com/java/beans/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **BeanDescriptor.**[**getBeanClass**](http://docs.google.com/java/beans/BeanDescriptor.html#getBeanClass())()            Gets the bean's Class object. |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **BeanDescriptor.**[**getCustomizerClass**](http://docs.google.com/java/beans/BeanDescriptor.html#getCustomizerClass())()            Gets the Class object for the bean's customizer. |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **IndexedPropertyDescriptor.**[**getIndexedPropertyType**](http://docs.google.com/java/beans/IndexedPropertyDescriptor.html#getIndexedPropertyType())()            Gets the Class object of the indexed properties' type. |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **EventSetDescriptor.**[**getListenerType**](http://docs.google.com/java/beans/EventSetDescriptor.html#getListenerType())()            Gets the Class object for the target interface. |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **PropertyDescriptor.**[**getPropertyEditorClass**](http://docs.google.com/java/beans/PropertyDescriptor.html#getPropertyEditorClass())()            Gets any explicit PropertyEditor Class that has been registered for this property. |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **PropertyDescriptor.**[**getPropertyType**](http://docs.google.com/java/beans/PropertyDescriptor.html#getPropertyType())()            Gets the Class object for the property. |

| Methods in [java.beans](http://docs.google.com/java/beans/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| static   | <T> T | | --- | | **EventHandler.**[**create**](http://docs.google.com/java/beans/EventHandler.html#create(java.lang.Class,%20java.lang.Object,%20java.lang.String))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerInterface, [Object](http://docs.google.com/java/lang/Object.html) target, [String](http://docs.google.com/java/lang/String.html) action)            Creates an implementation of listenerInterface in which *all* of the methods in the listener interface apply the handler's action to the target. |
| static   | <T> T | | --- | | **EventHandler.**[**create**](http://docs.google.com/java/beans/EventHandler.html#create(java.lang.Class,%20java.lang.Object,%20java.lang.String,%20java.lang.String))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerInterface, [Object](http://docs.google.com/java/lang/Object.html) target, [String](http://docs.google.com/java/lang/String.html) action, [String](http://docs.google.com/java/lang/String.html) eventPropertyName)            /\*\* Creates an implementation of listenerInterface in which *all* of the methods pass the value of the event expression, eventPropertyName, to the final method in the statement, action, which is applied to the target. |
| static   | <T> T | | --- | | **EventHandler.**[**create**](http://docs.google.com/java/beans/EventHandler.html#create(java.lang.Class,%20java.lang.Object,%20java.lang.String,%20java.lang.String,%20java.lang.String))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerInterface, [Object](http://docs.google.com/java/lang/Object.html) target, [String](http://docs.google.com/java/lang/String.html) action, [String](http://docs.google.com/java/lang/String.html) eventPropertyName, [String](http://docs.google.com/java/lang/String.html) listenerMethodName)            Creates an implementation of listenerInterface in which the method named listenerMethodName passes the value of the event expression, eventPropertyName, to the final method in the statement, action, which is applied to the target. |
| static [PropertyEditor](http://docs.google.com/java/beans/PropertyEditor.html) | **PropertyEditorManager.**[**findEditor**](http://docs.google.com/java/beans/PropertyEditorManager.html#findEditor(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> targetType)            Locate a value editor for a given target type. |
| static void | **Introspector.**[**flushFromCaches**](http://docs.google.com/java/beans/Introspector.html#flushFromCaches(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> clz)            Flush the Introspector's internal cached information for a given class. |
| static [BeanInfo](http://docs.google.com/java/beans/BeanInfo.html) | **Introspector.**[**getBeanInfo**](http://docs.google.com/java/beans/Introspector.html#getBeanInfo(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> beanClass)            Introspect on a Java Bean and learn about all its properties, exposed methods, and events. |
| static [BeanInfo](http://docs.google.com/java/beans/BeanInfo.html) | **Introspector.**[**getBeanInfo**](http://docs.google.com/java/beans/Introspector.html#getBeanInfo(java.lang.Class,%20java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> beanClass, [Class](http://docs.google.com/java/lang/Class.html)<?> stopClass)            Introspect on a Java bean and learn all about its properties, exposed methods, below a given "stop" point. |
| static [BeanInfo](http://docs.google.com/java/beans/BeanInfo.html) | **Introspector.**[**getBeanInfo**](http://docs.google.com/java/beans/Introspector.html#getBeanInfo(java.lang.Class,%20java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> beanClass, [Class](http://docs.google.com/java/lang/Class.html)<?> stopClass)            Introspect on a Java bean and learn all about its properties, exposed methods, below a given "stop" point. |
| static [BeanInfo](http://docs.google.com/java/beans/BeanInfo.html) | **Introspector.**[**getBeanInfo**](http://docs.google.com/java/beans/Introspector.html#getBeanInfo(java.lang.Class,%20int))([Class](http://docs.google.com/java/lang/Class.html)<?> beanClass, int flags)            Introspect on a Java bean and learn about all its properties, exposed methods, and events, subject to some control flags. |
| static [Object](http://docs.google.com/java/lang/Object.html) | **Beans.**[**getInstanceOf**](http://docs.google.com/java/beans/Beans.html#getInstanceOf(java.lang.Object,%20java.lang.Class))([Object](http://docs.google.com/java/lang/Object.html) bean, [Class](http://docs.google.com/java/lang/Class.html)<?> targetType)            From a given bean, obtain an object representing a specified type view of that source object. |
| [PersistenceDelegate](http://docs.google.com/java/beans/PersistenceDelegate.html) | **Encoder.**[**getPersistenceDelegate**](http://docs.google.com/java/beans/Encoder.html#getPersistenceDelegate(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> type)            Returns the persistence delegate for the given type. |
| protected  void | **DefaultPersistenceDelegate.**[**initialize**](http://docs.google.com/java/beans/DefaultPersistenceDelegate.html#initialize(java.lang.Class,%20java.lang.Object,%20java.lang.Object,%20java.beans.Encoder))([Class](http://docs.google.com/java/lang/Class.html)<?> type, [Object](http://docs.google.com/java/lang/Object.html) oldInstance, [Object](http://docs.google.com/java/lang/Object.html) newInstance, [Encoder](http://docs.google.com/java/beans/Encoder.html) out)            This default implementation of the initialize method assumes all state held in objects of this type is exposed via the matching pairs of "setter" and "getter" methods in the order they are returned by the Introspector. |
| protected  void | **PersistenceDelegate.**[**initialize**](http://docs.google.com/java/beans/PersistenceDelegate.html#initialize(java.lang.Class,%20java.lang.Object,%20java.lang.Object,%20java.beans.Encoder))([Class](http://docs.google.com/java/lang/Class.html)<?> type, [Object](http://docs.google.com/java/lang/Object.html) oldInstance, [Object](http://docs.google.com/java/lang/Object.html) newInstance, [Encoder](http://docs.google.com/java/beans/Encoder.html) out)            Produce a series of statements with side effects on newInstance so that the new instance becomes *equivalent* to oldInstance. |
| static boolean | **Beans.**[**isInstanceOf**](http://docs.google.com/java/beans/Beans.html#isInstanceOf(java.lang.Object,%20java.lang.Class))([Object](http://docs.google.com/java/lang/Object.html) bean, [Class](http://docs.google.com/java/lang/Class.html)<?> targetType)            Check if a bean can be viewed as a given target type. |
| static void | **PropertyEditorManager.**[**registerEditor**](http://docs.google.com/java/beans/PropertyEditorManager.html#registerEditor(java.lang.Class,%20java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> targetType, [Class](http://docs.google.com/java/lang/Class.html)<?> editorClass)            Register an editor class to be used to edit values of a given target class. |
| static void | **PropertyEditorManager.**[**registerEditor**](http://docs.google.com/java/beans/PropertyEditorManager.html#registerEditor(java.lang.Class,%20java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> targetType, [Class](http://docs.google.com/java/lang/Class.html)<?> editorClass)            Register an editor class to be used to edit values of a given target class. |
| void | **Encoder.**[**setPersistenceDelegate**](http://docs.google.com/java/beans/Encoder.html#setPersistenceDelegate(java.lang.Class,%20java.beans.PersistenceDelegate))([Class](http://docs.google.com/java/lang/Class.html)<?> type, [PersistenceDelegate](http://docs.google.com/java/beans/PersistenceDelegate.html) persistenceDelegate)            Sets the persistence delegate associated with this type to persistenceDelegate. |
| void | **PropertyDescriptor.**[**setPropertyEditorClass**](http://docs.google.com/java/beans/PropertyDescriptor.html#setPropertyEditorClass(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> propertyEditorClass)            Normally PropertyEditors will be found using the PropertyEditorManager. |

| Constructors in [java.beans](http://docs.google.com/java/beans/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [**BeanDescriptor**](http://docs.google.com/java/beans/BeanDescriptor.html#BeanDescriptor(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> beanClass)            Create a BeanDescriptor for a bean that doesn't have a customizer. |
| [**BeanDescriptor**](http://docs.google.com/java/beans/BeanDescriptor.html#BeanDescriptor(java.lang.Class,%20java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> beanClass, [Class](http://docs.google.com/java/lang/Class.html)<?> customizerClass)            Create a BeanDescriptor for a bean that has a customizer. |
| [**BeanDescriptor**](http://docs.google.com/java/beans/BeanDescriptor.html#BeanDescriptor(java.lang.Class,%20java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> beanClass, [Class](http://docs.google.com/java/lang/Class.html)<?> customizerClass)            Create a BeanDescriptor for a bean that has a customizer. |
| [**EventSetDescriptor**](http://docs.google.com/java/beans/EventSetDescriptor.html#EventSetDescriptor(java.lang.Class,%20java.lang.String,%20java.lang.Class,%20java.lang.String))([Class](http://docs.google.com/java/lang/Class.html)<?> sourceClass, [String](http://docs.google.com/java/lang/String.html) eventSetName, [Class](http://docs.google.com/java/lang/Class.html)<?> listenerType, [String](http://docs.google.com/java/lang/String.html) listenerMethodName)            Creates an EventSetDescriptor assuming that you are following the most simple standard design pattern where a named event "fred" is (1) delivered as a call on the single method of interface FredListener, (2) has a single argument of type FredEvent, and (3) where the FredListener may be registered with a call on an addFredListener method of the source component and removed with a call on a removeFredListener method. |
| [**EventSetDescriptor**](http://docs.google.com/java/beans/EventSetDescriptor.html#EventSetDescriptor(java.lang.Class,%20java.lang.String,%20java.lang.Class,%20java.lang.String))([Class](http://docs.google.com/java/lang/Class.html)<?> sourceClass, [String](http://docs.google.com/java/lang/String.html) eventSetName, [Class](http://docs.google.com/java/lang/Class.html)<?> listenerType, [String](http://docs.google.com/java/lang/String.html) listenerMethodName)            Creates an EventSetDescriptor assuming that you are following the most simple standard design pattern where a named event "fred" is (1) delivered as a call on the single method of interface FredListener, (2) has a single argument of type FredEvent, and (3) where the FredListener may be registered with a call on an addFredListener method of the source component and removed with a call on a removeFredListener method. |
| [**EventSetDescriptor**](http://docs.google.com/java/beans/EventSetDescriptor.html#EventSetDescriptor(java.lang.Class,%20java.lang.String,%20java.lang.Class,%20java.lang.String%5B%5D,%20java.lang.String,%20java.lang.String))([Class](http://docs.google.com/java/lang/Class.html)<?> sourceClass, [String](http://docs.google.com/java/lang/String.html) eventSetName, [Class](http://docs.google.com/java/lang/Class.html)<?> listenerType, [String](http://docs.google.com/java/lang/String.html)[] listenerMethodNames, [String](http://docs.google.com/java/lang/String.html) addListenerMethodName, [String](http://docs.google.com/java/lang/String.html) removeListenerMethodName)            Creates an EventSetDescriptor from scratch using string names. |
| [**EventSetDescriptor**](http://docs.google.com/java/beans/EventSetDescriptor.html#EventSetDescriptor(java.lang.Class,%20java.lang.String,%20java.lang.Class,%20java.lang.String%5B%5D,%20java.lang.String,%20java.lang.String))([Class](http://docs.google.com/java/lang/Class.html)<?> sourceClass, [String](http://docs.google.com/java/lang/String.html) eventSetName, [Class](http://docs.google.com/java/lang/Class.html)<?> listenerType, [String](http://docs.google.com/java/lang/String.html)[] listenerMethodNames, [String](http://docs.google.com/java/lang/String.html) addListenerMethodName, [String](http://docs.google.com/java/lang/String.html) removeListenerMethodName)            Creates an EventSetDescriptor from scratch using string names. |
| [**EventSetDescriptor**](http://docs.google.com/java/beans/EventSetDescriptor.html#EventSetDescriptor(java.lang.Class,%20java.lang.String,%20java.lang.Class,%20java.lang.String%5B%5D,%20java.lang.String,%20java.lang.String,%20java.lang.String))([Class](http://docs.google.com/java/lang/Class.html)<?> sourceClass, [String](http://docs.google.com/java/lang/String.html) eventSetName, [Class](http://docs.google.com/java/lang/Class.html)<?> listenerType, [String](http://docs.google.com/java/lang/String.html)[] listenerMethodNames, [String](http://docs.google.com/java/lang/String.html) addListenerMethodName, [String](http://docs.google.com/java/lang/String.html) removeListenerMethodName, [String](http://docs.google.com/java/lang/String.html) getListenerMethodName)            This constructor creates an EventSetDescriptor from scratch using string names. |
| [**EventSetDescriptor**](http://docs.google.com/java/beans/EventSetDescriptor.html#EventSetDescriptor(java.lang.Class,%20java.lang.String,%20java.lang.Class,%20java.lang.String%5B%5D,%20java.lang.String,%20java.lang.String,%20java.lang.String))([Class](http://docs.google.com/java/lang/Class.html)<?> sourceClass, [String](http://docs.google.com/java/lang/String.html) eventSetName, [Class](http://docs.google.com/java/lang/Class.html)<?> listenerType, [String](http://docs.google.com/java/lang/String.html)[] listenerMethodNames, [String](http://docs.google.com/java/lang/String.html) addListenerMethodName, [String](http://docs.google.com/java/lang/String.html) removeListenerMethodName, [String](http://docs.google.com/java/lang/String.html) getListenerMethodName)            This constructor creates an EventSetDescriptor from scratch using string names. |
| [**EventSetDescriptor**](http://docs.google.com/java/beans/EventSetDescriptor.html#EventSetDescriptor(java.lang.String,%20java.lang.Class,%20java.lang.reflect.Method%5B%5D,%20java.lang.reflect.Method,%20java.lang.reflect.Method))([String](http://docs.google.com/java/lang/String.html) eventSetName, [Class](http://docs.google.com/java/lang/Class.html)<?> listenerType, [Method](http://docs.google.com/java/lang/reflect/Method.html)[] listenerMethods, [Method](http://docs.google.com/java/lang/reflect/Method.html) addListenerMethod, [Method](http://docs.google.com/java/lang/reflect/Method.html) removeListenerMethod)            Creates an EventSetDescriptor from scratch using java.lang.reflect.Method and java.lang.Class objects. |
| [**EventSetDescriptor**](http://docs.google.com/java/beans/EventSetDescriptor.html#EventSetDescriptor(java.lang.String,%20java.lang.Class,%20java.lang.reflect.Method%5B%5D,%20java.lang.reflect.Method,%20java.lang.reflect.Method,%20java.lang.reflect.Method))([String](http://docs.google.com/java/lang/String.html) eventSetName, [Class](http://docs.google.com/java/lang/Class.html)<?> listenerType, [Method](http://docs.google.com/java/lang/reflect/Method.html)[] listenerMethods, [Method](http://docs.google.com/java/lang/reflect/Method.html) addListenerMethod, [Method](http://docs.google.com/java/lang/reflect/Method.html) removeListenerMethod, [Method](http://docs.google.com/java/lang/reflect/Method.html) getListenerMethod)            This constructor creates an EventSetDescriptor from scratch using java.lang.reflect.Method and java.lang.Class objects. |
| [**EventSetDescriptor**](http://docs.google.com/java/beans/EventSetDescriptor.html#EventSetDescriptor(java.lang.String,%20java.lang.Class,%20java.beans.MethodDescriptor%5B%5D,%20java.lang.reflect.Method,%20java.lang.reflect.Method))([String](http://docs.google.com/java/lang/String.html) eventSetName, [Class](http://docs.google.com/java/lang/Class.html)<?> listenerType, [MethodDescriptor](http://docs.google.com/java/beans/MethodDescriptor.html)[] listenerMethodDescriptors, [Method](http://docs.google.com/java/lang/reflect/Method.html) addListenerMethod, [Method](http://docs.google.com/java/lang/reflect/Method.html) removeListenerMethod)            Creates an EventSetDescriptor from scratch using java.lang.reflect.MethodDescriptor and java.lang.Class objects. |
| [**IndexedPropertyDescriptor**](http://docs.google.com/java/beans/IndexedPropertyDescriptor.html#IndexedPropertyDescriptor(java.lang.String,%20java.lang.Class))([String](http://docs.google.com/java/lang/String.html) propertyName, [Class](http://docs.google.com/java/lang/Class.html)<?> beanClass)            This constructor constructs an IndexedPropertyDescriptor for a property that follows the standard Java conventions by having getFoo and setFoo accessor methods, for both indexed access and array access. |
| [**IndexedPropertyDescriptor**](http://docs.google.com/java/beans/IndexedPropertyDescriptor.html#IndexedPropertyDescriptor(java.lang.String,%20java.lang.Class,%20java.lang.String,%20java.lang.String,%20java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) propertyName, [Class](http://docs.google.com/java/lang/Class.html)<?> beanClass, [String](http://docs.google.com/java/lang/String.html) readMethodName, [String](http://docs.google.com/java/lang/String.html) writeMethodName, [String](http://docs.google.com/java/lang/String.html) indexedReadMethodName, [String](http://docs.google.com/java/lang/String.html) indexedWriteMethodName)            This constructor takes the name of a simple property, and method names for reading and writing the property, both indexed and non-indexed. |
| [**PropertyDescriptor**](http://docs.google.com/java/beans/PropertyDescriptor.html#PropertyDescriptor(java.lang.String,%20java.lang.Class))([String](http://docs.google.com/java/lang/String.html) propertyName, [Class](http://docs.google.com/java/lang/Class.html)<?> beanClass)            Constructs a PropertyDescriptor for a property that follows the standard Java convention by having getFoo and setFoo accessor methods. |
| [**PropertyDescriptor**](http://docs.google.com/java/beans/PropertyDescriptor.html#PropertyDescriptor(java.lang.String,%20java.lang.Class,%20java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) propertyName, [Class](http://docs.google.com/java/lang/Class.html)<?> beanClass, [String](http://docs.google.com/java/lang/String.html) readMethodName, [String](http://docs.google.com/java/lang/String.html) writeMethodName)            This constructor takes the name of a simple property, and method names for reading and writing the property. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [java.beans.beancontext](http://docs.google.com/java/beans/beancontext/package-summary.html) | |
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| Fields in [java.beans.beancontext](http://docs.google.com/java/beans/beancontext/package-summary.html) declared as [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| protected  [Class](http://docs.google.com/java/lang/Class.html) | **BeanContextServiceAvailableEvent.**[**serviceClass**](http://docs.google.com/java/beans/beancontext/BeanContextServiceAvailableEvent.html#serviceClass)            A Class reference to the newly available service |
| protected  [Class](http://docs.google.com/java/lang/Class.html) | **BeanContextServiceRevokedEvent.**[**serviceClass**](http://docs.google.com/java/beans/beancontext/BeanContextServiceRevokedEvent.html#serviceClass)            A Class reference to the service that is being revoked. |

| Methods in [java.beans.beancontext](http://docs.google.com/java/beans/beancontext/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html) | **BeanContextServiceAvailableEvent.**[**getServiceClass**](http://docs.google.com/java/beans/beancontext/BeanContextServiceAvailableEvent.html#getServiceClass())()            Gets the service class that is the subject of this notification. |
| [Class](http://docs.google.com/java/lang/Class.html) | **BeanContextServiceRevokedEvent.**[**getServiceClass**](http://docs.google.com/java/beans/beancontext/BeanContextServiceRevokedEvent.html#getServiceClass())()            Gets the service class that is the subject of this notification |

| Methods in [java.beans.beancontext](http://docs.google.com/java/beans/beancontext/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| boolean | **BeanContextServicesSupport.**[**addService**](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.html#addService(java.lang.Class,%20java.beans.beancontext.BeanContextServiceProvider))([Class](http://docs.google.com/java/lang/Class.html) serviceClass, [BeanContextServiceProvider](http://docs.google.com/java/beans/beancontext/BeanContextServiceProvider.html) bcsp)            add a service |
| boolean | **BeanContextServices.**[**addService**](http://docs.google.com/java/beans/beancontext/BeanContextServices.html#addService(java.lang.Class,%20java.beans.beancontext.BeanContextServiceProvider))([Class](http://docs.google.com/java/lang/Class.html) serviceClass, [BeanContextServiceProvider](http://docs.google.com/java/beans/beancontext/BeanContextServiceProvider.html) serviceProvider)            Adds a service to this BeanContext. |
| protected  boolean | **BeanContextServicesSupport.**[**addService**](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.html#addService(java.lang.Class,%20java.beans.beancontext.BeanContextServiceProvider,%20boolean))([Class](http://docs.google.com/java/lang/Class.html) serviceClass, [BeanContextServiceProvider](http://docs.google.com/java/beans/beancontext/BeanContextServiceProvider.html) bcsp, boolean fireEvent)            add a service |
| protected static boolean | **BeanContextSupport.**[**classEquals**](http://docs.google.com/java/beans/beancontext/BeanContextSupport.html#classEquals(java.lang.Class,%20java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html) first, [Class](http://docs.google.com/java/lang/Class.html) second)            Tests to see if two class objects, or their names are equal. |
| protected static boolean | **BeanContextSupport.**[**classEquals**](http://docs.google.com/java/beans/beancontext/BeanContextSupport.html#classEquals(java.lang.Class,%20java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html) first, [Class](http://docs.google.com/java/lang/Class.html) second)            Tests to see if two class objects, or their names are equal. |
| protected  [BeanContextServicesSupport.BCSSServiceProvider](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.BCSSServiceProvider.html) | **BeanContextServicesSupport.**[**createBCSSServiceProvider**](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.html#createBCSSServiceProvider(java.lang.Class,%20java.beans.beancontext.BeanContextServiceProvider))([Class](http://docs.google.com/java/lang/Class.html) sc, [BeanContextServiceProvider](http://docs.google.com/java/beans/beancontext/BeanContextServiceProvider.html) bcsp)            subclasses can override this method to create new subclasses of BCSSServiceProvider without having to overrride addService() in order to instantiate. |
| protected  void | **BeanContextServicesSupport.**[**fireServiceAdded**](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.html#fireServiceAdded(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html) serviceClass)            Fires a BeanContextServiceEvent notifying of a new service. |
| protected  void | **BeanContextServicesSupport.**[**fireServiceRevoked**](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.html#fireServiceRevoked(java.lang.Class,%20boolean))([Class](http://docs.google.com/java/lang/Class.html) serviceClass, boolean revokeNow)            Fires a BeanContextServiceRevokedEvent indicating that a particular service is no longer available. |
| [Iterator](http://docs.google.com/java/util/Iterator.html) | **BeanContextServicesSupport.BCSSProxyServiceProvider.**[**getCurrentServiceSelectors**](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.BCSSProxyServiceProvider.html#getCurrentServiceSelectors(java.beans.beancontext.BeanContextServices,%20java.lang.Class))([BeanContextServices](http://docs.google.com/java/beans/beancontext/BeanContextServices.html) bcs, [Class](http://docs.google.com/java/lang/Class.html) serviceClass) |
| [Iterator](http://docs.google.com/java/util/Iterator.html) | **BeanContextServiceProvider.**[**getCurrentServiceSelectors**](http://docs.google.com/java/beans/beancontext/BeanContextServiceProvider.html#getCurrentServiceSelectors(java.beans.beancontext.BeanContextServices,%20java.lang.Class))([BeanContextServices](http://docs.google.com/java/beans/beancontext/BeanContextServices.html) bcs, [Class](http://docs.google.com/java/lang/Class.html) serviceClass)            Invoked by BeanContextServices, this method gets the current service selectors for the specified service. |
| [Iterator](http://docs.google.com/java/util/Iterator.html) | **BeanContextServicesSupport.**[**getCurrentServiceSelectors**](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.html#getCurrentServiceSelectors(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html) serviceClass) |
| [Iterator](http://docs.google.com/java/util/Iterator.html) | **BeanContextServices.**[**getCurrentServiceSelectors**](http://docs.google.com/java/beans/beancontext/BeanContextServices.html#getCurrentServiceSelectors(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html) serviceClass)            Gets the list of service dependent service parameters (Service Selectors) for the specified service, by calling getCurrentServiceSelectors() on the underlying BeanContextServiceProvider. |
| [Object](http://docs.google.com/java/lang/Object.html) | **BeanContextServicesSupport.**[**getService**](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.html#getService(java.beans.beancontext.BeanContextChild,%20java.lang.Object,%20java.lang.Class,%20java.lang.Object,%20java.beans.beancontext.BeanContextServiceRevokedListener))([BeanContextChild](http://docs.google.com/java/beans/beancontext/BeanContextChild.html) child, [Object](http://docs.google.com/java/lang/Object.html) requestor, [Class](http://docs.google.com/java/lang/Class.html) serviceClass, [Object](http://docs.google.com/java/lang/Object.html) serviceSelector, [BeanContextServiceRevokedListener](http://docs.google.com/java/beans/beancontext/BeanContextServiceRevokedListener.html) bcsrl)            obtain a service which may be delegated |
| [Object](http://docs.google.com/java/lang/Object.html) | **BeanContextServices.**[**getService**](http://docs.google.com/java/beans/beancontext/BeanContextServices.html#getService(java.beans.beancontext.BeanContextChild,%20java.lang.Object,%20java.lang.Class,%20java.lang.Object,%20java.beans.beancontext.BeanContextServiceRevokedListener))([BeanContextChild](http://docs.google.com/java/beans/beancontext/BeanContextChild.html) child, [Object](http://docs.google.com/java/lang/Object.html) requestor, [Class](http://docs.google.com/java/lang/Class.html) serviceClass, [Object](http://docs.google.com/java/lang/Object.html) serviceSelector, [BeanContextServiceRevokedListener](http://docs.google.com/java/beans/beancontext/BeanContextServiceRevokedListener.html) bcsrl)            A BeanContextChild, or any arbitrary object associated with a BeanContextChild, may obtain a reference to a currently registered service from its nesting BeanContextServices via invocation of this method. |
| [Object](http://docs.google.com/java/lang/Object.html) | **BeanContextServicesSupport.BCSSProxyServiceProvider.**[**getService**](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.BCSSProxyServiceProvider.html#getService(java.beans.beancontext.BeanContextServices,%20java.lang.Object,%20java.lang.Class,%20java.lang.Object))([BeanContextServices](http://docs.google.com/java/beans/beancontext/BeanContextServices.html) bcs, [Object](http://docs.google.com/java/lang/Object.html) requestor, [Class](http://docs.google.com/java/lang/Class.html) serviceClass, [Object](http://docs.google.com/java/lang/Object.html) serviceSelector) |
| [Object](http://docs.google.com/java/lang/Object.html) | **BeanContextServiceProvider.**[**getService**](http://docs.google.com/java/beans/beancontext/BeanContextServiceProvider.html#getService(java.beans.beancontext.BeanContextServices,%20java.lang.Object,%20java.lang.Class,%20java.lang.Object))([BeanContextServices](http://docs.google.com/java/beans/beancontext/BeanContextServices.html) bcs, [Object](http://docs.google.com/java/lang/Object.html) requestor, [Class](http://docs.google.com/java/lang/Class.html) serviceClass, [Object](http://docs.google.com/java/lang/Object.html) serviceSelector)            Invoked by BeanContextServices, this method requests an instance of a service from this BeanContextServiceProvider. |
| boolean | **BeanContextServicesSupport.**[**hasService**](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.html#hasService(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html) serviceClass)            has a service, which may be delegated |
| boolean | **BeanContextServices.**[**hasService**](http://docs.google.com/java/beans/beancontext/BeanContextServices.html#hasService(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html) serviceClass)            Reports whether or not a given service is currently available from this context. |
| boolean | **BeanContextServiceRevokedEvent.**[**isServiceClass**](http://docs.google.com/java/beans/beancontext/BeanContextServiceRevokedEvent.html#isServiceClass(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html) service)            Checks this event to determine whether or not the service being revoked is of a particular class. |
| void | **BeanContextServicesSupport.**[**revokeService**](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.html#revokeService(java.lang.Class,%20java.beans.beancontext.BeanContextServiceProvider,%20boolean))([Class](http://docs.google.com/java/lang/Class.html) serviceClass, [BeanContextServiceProvider](http://docs.google.com/java/beans/beancontext/BeanContextServiceProvider.html) bcsp, boolean revokeCurrentServicesNow)            remove a service |
| void | **BeanContextServices.**[**revokeService**](http://docs.google.com/java/beans/beancontext/BeanContextServices.html#revokeService(java.lang.Class,%20java.beans.beancontext.BeanContextServiceProvider,%20boolean))([Class](http://docs.google.com/java/lang/Class.html) serviceClass, [BeanContextServiceProvider](http://docs.google.com/java/beans/beancontext/BeanContextServiceProvider.html) serviceProvider, boolean revokeCurrentServicesNow)            BeanContextServiceProviders wishing to remove a currently registered service from this context may do so via invocation of this method. |

| Constructors in [java.beans.beancontext](http://docs.google.com/java/beans/beancontext/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [**BeanContextServiceAvailableEvent**](http://docs.google.com/java/beans/beancontext/BeanContextServiceAvailableEvent.html#BeanContextServiceAvailableEvent(java.beans.beancontext.BeanContextServices,%20java.lang.Class))([BeanContextServices](http://docs.google.com/java/beans/beancontext/BeanContextServices.html) bcs, [Class](http://docs.google.com/java/lang/Class.html) sc)            Construct a BeanContextAvailableServiceEvent. |
| [**BeanContextServiceRevokedEvent**](http://docs.google.com/java/beans/beancontext/BeanContextServiceRevokedEvent.html#BeanContextServiceRevokedEvent(java.beans.beancontext.BeanContextServices,%20java.lang.Class,%20boolean))([BeanContextServices](http://docs.google.com/java/beans/beancontext/BeanContextServices.html) bcs, [Class](http://docs.google.com/java/lang/Class.html) sc, boolean invalidate)            Construct a BeanContextServiceEvent. |

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

| Methods in [java.io](http://docs.google.com/java/io/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **ObjectStreamClass.**[**forClass**](http://docs.google.com/java/io/ObjectStreamClass.html#forClass())()            Return the class in the local VM that this version is mapped to. |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **ObjectStreamField.**[**getType**](http://docs.google.com/java/io/ObjectStreamField.html#getType())()            Get the type of the field. |
| protected  [Class](http://docs.google.com/java/lang/Class.html)<?> | **ObjectInputStream.**[**resolveClass**](http://docs.google.com/java/io/ObjectInputStream.html#resolveClass(java.io.ObjectStreamClass))([ObjectStreamClass](http://docs.google.com/java/io/ObjectStreamClass.html) desc)            Load the local class equivalent of the specified stream class description. |
| protected  [Class](http://docs.google.com/java/lang/Class.html)<?> | **ObjectInputStream.**[**resolveProxyClass**](http://docs.google.com/java/io/ObjectInputStream.html#resolveProxyClass(java.lang.String%5B%5D))([String](http://docs.google.com/java/lang/String.html)[] interfaces)            Returns a proxy class that implements the interfaces named in a proxy class descriptor; subclasses may implement this method to read custom data from the stream along with the descriptors for dynamic proxy classes, allowing them to use an alternate loading mechanism for the interfaces and the proxy class. |

| Methods in [java.io](http://docs.google.com/java/io/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| protected  void | **ObjectOutputStream.**[**annotateClass**](http://docs.google.com/java/io/ObjectOutputStream.html#annotateClass(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> cl)            Subclasses may implement this method to allow class data to be stored in the stream. |
| protected  void | **ObjectOutputStream.**[**annotateProxyClass**](http://docs.google.com/java/io/ObjectOutputStream.html#annotateProxyClass(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> cl)            Subclasses may implement this method to store custom data in the stream along with descriptors for dynamic proxy classes. |
| static [ObjectStreamClass](http://docs.google.com/java/io/ObjectStreamClass.html) | **ObjectStreamClass.**[**lookup**](http://docs.google.com/java/io/ObjectStreamClass.html#lookup(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> cl)            Find the descriptor for a class that can be serialized. |
| static [ObjectStreamClass](http://docs.google.com/java/io/ObjectStreamClass.html) | **ObjectStreamClass.**[**lookupAny**](http://docs.google.com/java/io/ObjectStreamClass.html#lookupAny(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> cl)            Returns the descriptor for any class, regardless of whether it implements [Serializable](http://docs.google.com/java/io/Serializable.html). |

| Constructors in [java.io](http://docs.google.com/java/io/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [**ObjectStreamField**](http://docs.google.com/java/io/ObjectStreamField.html#ObjectStreamField(java.lang.String,%20java.lang.Class))([String](http://docs.google.com/java/lang/String.html) name, [Class](http://docs.google.com/java/lang/Class.html)<?> type)            Create a Serializable field with the specified type. |
| [**ObjectStreamField**](http://docs.google.com/java/io/ObjectStreamField.html#ObjectStreamField(java.lang.String,%20java.lang.Class,%20boolean))([String](http://docs.google.com/java/lang/String.html) name, [Class](http://docs.google.com/java/lang/Class.html)<?> type, boolean unshared)            Creates an ObjectStreamField representing a serializable field with the given name and type. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [java.lang](http://docs.google.com/java/lang/package-summary.html) | |
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| Fields in [java.lang](http://docs.google.com/java/lang/package-summary.html) declared as [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| static [Class](http://docs.google.com/java/lang/Class.html)<[Void](http://docs.google.com/java/lang/Void.html)> | **Void.**[**TYPE**](http://docs.google.com/java/lang/Void.html#TYPE)            The Class object representing the pseudo-type corresponding to the keyword void. |
| static [Class](http://docs.google.com/java/lang/Class.html)<[Double](http://docs.google.com/java/lang/Double.html)> | **Double.**[**TYPE**](http://docs.google.com/java/lang/Double.html#TYPE)            The Class instance representing the primitive type double. |
| static [Class](http://docs.google.com/java/lang/Class.html)<[Float](http://docs.google.com/java/lang/Float.html)> | **Float.**[**TYPE**](http://docs.google.com/java/lang/Float.html#TYPE)            The Class instance representing the primitive type float. |
| static [Class](http://docs.google.com/java/lang/Class.html)<[Short](http://docs.google.com/java/lang/Short.html)> | **Short.**[**TYPE**](http://docs.google.com/java/lang/Short.html#TYPE)            The Class instance representing the primitive type short. |
| static [Class](http://docs.google.com/java/lang/Class.html)<[Byte](http://docs.google.com/java/lang/Byte.html)> | **Byte.**[**TYPE**](http://docs.google.com/java/lang/Byte.html#TYPE)            The Class instance representing the primitive type byte. |
| static [Class](http://docs.google.com/java/lang/Class.html)<[Integer](http://docs.google.com/java/lang/Integer.html)> | **Integer.**[**TYPE**](http://docs.google.com/java/lang/Integer.html#TYPE)            The Class instance representing the primitive type int. |
| static [Class](http://docs.google.com/java/lang/Class.html)<[Character](http://docs.google.com/java/lang/Character.html)> | **Character.**[**TYPE**](http://docs.google.com/java/lang/Character.html#TYPE)            The Class instance representing the primitive type char. |
| static [Class](http://docs.google.com/java/lang/Class.html)<[Boolean](http://docs.google.com/java/lang/Boolean.html)> | **Boolean.**[**TYPE**](http://docs.google.com/java/lang/Boolean.html#TYPE)            The Class object representing the primitive type boolean. |
| static [Class](http://docs.google.com/java/lang/Class.html)<[Long](http://docs.google.com/java/lang/Long.html)> | **Long.**[**TYPE**](http://docs.google.com/java/lang/Long.html#TYPE)            The Class instance representing the primitive type long. |

| Methods in [java.lang](http://docs.google.com/java/lang/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| | <U> [Class](http://docs.google.com/java/lang/Class.html)<? extends U> | | --- | | **Class.**[**asSubclass**](http://docs.google.com/java/lang/Class.html#asSubclass(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<U> clazz)            Casts this Class object to represent a subclass of the class represented by the specified class object. |
| protected  [Class](http://docs.google.com/java/lang/Class.html)<?> | **SecurityManager.**[**currentLoadedClass**](http://docs.google.com/java/lang/SecurityManager.html#currentLoadedClass())()  **Deprecated.** *This type of security checking is not recommended. It is recommended that the checkPermission call be used instead.* |
| protected  [Class](http://docs.google.com/java/lang/Class.html)<?> | **ClassLoader.**[**defineClass**](http://docs.google.com/java/lang/ClassLoader.html#defineClass(byte%5B%5D,%20int,%20int))(byte[] b, int off, int len)  **Deprecated.** *Replaced by* [*defineClass(String, byte[], int, int)*](http://docs.google.com/java/lang/ClassLoader.html#defineClass(java.lang.String,%20byte%5B%5D,%20int,%20int)) |
| protected  [Class](http://docs.google.com/java/lang/Class.html)<?> | **ClassLoader.**[**defineClass**](http://docs.google.com/java/lang/ClassLoader.html#defineClass(java.lang.String,%20byte%5B%5D,%20int,%20int))([String](http://docs.google.com/java/lang/String.html) name, byte[] b, int off, int len)            Converts an array of bytes into an instance of class Class. |
| protected  [Class](http://docs.google.com/java/lang/Class.html)<?> | **ClassLoader.**[**defineClass**](http://docs.google.com/java/lang/ClassLoader.html#defineClass(java.lang.String,%20byte%5B%5D,%20int,%20int,%20java.security.ProtectionDomain))([String](http://docs.google.com/java/lang/String.html) name, byte[] b, int off, int len, [ProtectionDomain](http://docs.google.com/java/security/ProtectionDomain.html) protectionDomain)            Converts an array of bytes into an instance of class Class, with an optional ProtectionDomain. |
| protected  [Class](http://docs.google.com/java/lang/Class.html)<?> | **ClassLoader.**[**defineClass**](http://docs.google.com/java/lang/ClassLoader.html#defineClass(java.lang.String,%20java.nio.ByteBuffer,%20java.security.ProtectionDomain))([String](http://docs.google.com/java/lang/String.html) name, [ByteBuffer](http://docs.google.com/java/nio/ByteBuffer.html) b, [ProtectionDomain](http://docs.google.com/java/security/ProtectionDomain.html) protectionDomain)            Converts a [ByteBuffer](http://docs.google.com/java/nio/ByteBuffer.html) into an instance of class Class, with an optional ProtectionDomain. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Enum](http://docs.google.com/java/lang/Enum.html)> | **EnumConstantNotPresentException.**[**enumType**](http://docs.google.com/java/lang/EnumConstantNotPresentException.html#enumType())()            Returns the type of the missing enum constant. |
| protected  [Class](http://docs.google.com/java/lang/Class.html)<?> | **ClassLoader.**[**findClass**](http://docs.google.com/java/lang/ClassLoader.html#findClass(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Finds the class with the specified [binary name](http://docs.google.com/java/lang/#name). |
| protected  [Class](http://docs.google.com/java/lang/Class.html)<?> | **ClassLoader.**[**findLoadedClass**](http://docs.google.com/java/lang/ClassLoader.html#findLoadedClass(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Returns the class with the given [binary name](http://docs.google.com/java/lang/#name) if this loader has been recorded by the Java virtual machine as an initiating loader of a class with that [binary name](http://docs.google.com/java/lang/#name). |
| protected  [Class](http://docs.google.com/java/lang/Class.html)<?> | **ClassLoader.**[**findSystemClass**](http://docs.google.com/java/lang/ClassLoader.html#findSystemClass(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Finds a class with the specified [binary name](http://docs.google.com/java/lang/#name), loading it if necessary. |
| static [Class](http://docs.google.com/java/lang/Class.html)<?> | **Class.**[**forName**](http://docs.google.com/java/lang/Class.html#forName(java.lang.String))([String](http://docs.google.com/java/lang/String.html) className)            Returns the Class object associated with the class or interface with the given string name. |
| static [Class](http://docs.google.com/java/lang/Class.html)<?> | **Class.**[**forName**](http://docs.google.com/java/lang/Class.html#forName(java.lang.String,%20boolean,%20java.lang.ClassLoader))([String](http://docs.google.com/java/lang/String.html) name, boolean initialize, [ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) loader)            Returns the Class object associated with the class or interface with the given string name, using the given class loader. |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **Object.**[**getClass**](http://docs.google.com/java/lang/Object.html#getClass())()            Returns the runtime class of this Object. |
| protected  [Class](http://docs.google.com/java/lang/Class.html)[] | **SecurityManager.**[**getClassContext**](http://docs.google.com/java/lang/SecurityManager.html#getClassContext())()            Returns the current execution stack as an array of classes. |
| [Class](http://docs.google.com/java/lang/Class.html)<?>[] | **Class.**[**getClasses**](http://docs.google.com/java/lang/Class.html#getClasses())()            Returns an array containing Class objects representing all the public classes and interfaces that are members of the class represented by this Class object. |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **Class.**[**getComponentType**](http://docs.google.com/java/lang/Class.html#getComponentType())()            Returns the Class representing the component type of an array. |
| [Class](http://docs.google.com/java/lang/Class.html)<?>[] | **Class.**[**getDeclaredClasses**](http://docs.google.com/java/lang/Class.html#getDeclaredClasses())()            Returns an array of Class objects reflecting all the classes and interfaces declared as members of the class represented by this Class object. |
| [Class](http://docs.google.com/java/lang/Class.html)<[E](http://docs.google.com/java/lang/Enum.html)> | **Enum.**[**getDeclaringClass**](http://docs.google.com/java/lang/Enum.html#getDeclaringClass())()            Returns the Class object corresponding to this enum constant's enum type. |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **Class.**[**getDeclaringClass**](http://docs.google.com/java/lang/Class.html#getDeclaringClass())()            If the class or interface represented by this Class object is a member of another class, returns the Class object representing the class in which it was declared. |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **Class.**[**getEnclosingClass**](http://docs.google.com/java/lang/Class.html#getEnclosingClass())()            Returns the immediately enclosing class of the underlying class. |
| [Class](http://docs.google.com/java/lang/Class.html)<?>[] | **Class.**[**getInterfaces**](http://docs.google.com/java/lang/Class.html#getInterfaces())()            Determines the interfaces implemented by the class or interface represented by this object. |
| [Class](http://docs.google.com/java/lang/Class.html)<? super [T](http://docs.google.com/java/lang/Class.html)> | **Class.**[**getSuperclass**](http://docs.google.com/java/lang/Class.html#getSuperclass())()            Returns the Class representing the superclass of the entity (class, interface, primitive type or void) represented by this Class. |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **ClassLoader.**[**loadClass**](http://docs.google.com/java/lang/ClassLoader.html#loadClass(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Loads the class with the specified [binary name](http://docs.google.com/java/lang/#name). |
| protected  [Class](http://docs.google.com/java/lang/Class.html)<?> | **ClassLoader.**[**loadClass**](http://docs.google.com/java/lang/ClassLoader.html#loadClass(java.lang.String,%20boolean))([String](http://docs.google.com/java/lang/String.html) name, boolean resolve)            Loads the class with the specified [binary name](http://docs.google.com/java/lang/#name). |

| Methods in [java.lang](http://docs.google.com/java/lang/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| | <U> [Class](http://docs.google.com/java/lang/Class.html)<? extends U> | | --- | | **Class.**[**asSubclass**](http://docs.google.com/java/lang/Class.html#asSubclass(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<U> clazz)            Casts this Class object to represent a subclass of the class represented by the specified class object. |
| void | **SecurityManager.**[**checkMemberAccess**](http://docs.google.com/java/lang/SecurityManager.html#checkMemberAccess(java.lang.Class,%20int))([Class](http://docs.google.com/java/lang/Class.html)<?> clazz, int which)            Throws a SecurityException if the calling thread is not allowed to access members. |
| static boolean | **Compiler.**[**compileClass**](http://docs.google.com/java/lang/Compiler.html#compileClass(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> clazz)            Compiles the specified class. |
| | <A extends [Annotation](http://docs.google.com/java/lang/annotation/Annotation.html)>  A | | --- | | **Package.**[**getAnnotation**](http://docs.google.com/java/lang/Package.html#getAnnotation(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<A> annotationClass) |
| | <A extends [Annotation](http://docs.google.com/java/lang/annotation/Annotation.html)>  A | | --- | | **Class.**[**getAnnotation**](http://docs.google.com/java/lang/Class.html#getAnnotation(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<A> annotationClass) |
| [Constructor](http://docs.google.com/java/lang/reflect/Constructor.html)<[T](http://docs.google.com/java/lang/Class.html)> | **Class.**[**getConstructor**](http://docs.google.com/java/lang/Class.html#getConstructor(java.lang.Class...))([Class](http://docs.google.com/java/lang/Class.html)<?>... parameterTypes)            Returns a Constructor object that reflects the specified public constructor of the class represented by this Class object. |
| [Constructor](http://docs.google.com/java/lang/reflect/Constructor.html)<[T](http://docs.google.com/java/lang/Class.html)> | **Class.**[**getDeclaredConstructor**](http://docs.google.com/java/lang/Class.html#getDeclaredConstructor(java.lang.Class...))([Class](http://docs.google.com/java/lang/Class.html)<?>... parameterTypes)            Returns a Constructor object that reflects the specified constructor of the class or interface represented by this Class object. |
| [Method](http://docs.google.com/java/lang/reflect/Method.html) | **Class.**[**getDeclaredMethod**](http://docs.google.com/java/lang/Class.html#getDeclaredMethod(java.lang.String,%20java.lang.Class...))([String](http://docs.google.com/java/lang/String.html) name, [Class](http://docs.google.com/java/lang/Class.html)<?>... parameterTypes)            Returns a Method object that reflects the specified declared method of the class or interface represented by this Class object. |
| [Method](http://docs.google.com/java/lang/reflect/Method.html) | **Class.**[**getMethod**](http://docs.google.com/java/lang/Class.html#getMethod(java.lang.String,%20java.lang.Class...))([String](http://docs.google.com/java/lang/String.html) name, [Class](http://docs.google.com/java/lang/Class.html)<?>... parameterTypes)            Returns a Method object that reflects the specified public member method of the class or interface represented by this Class object. |
| boolean | **Package.**[**isAnnotationPresent**](http://docs.google.com/java/lang/Package.html#isAnnotationPresent(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<? extends [Annotation](http://docs.google.com/java/lang/annotation/Annotation.html)> annotationClass) |
| boolean | **Class.**[**isAnnotationPresent**](http://docs.google.com/java/lang/Class.html#isAnnotationPresent(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<? extends [Annotation](http://docs.google.com/java/lang/annotation/Annotation.html)> annotationClass) |
| boolean | **Class.**[**isAssignableFrom**](http://docs.google.com/java/lang/Class.html#isAssignableFrom(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> cls)            Determines if the class or interface represented by this Class object is either the same as, or is a superclass or superinterface of, the class or interface represented by the specified Class parameter. |
| protected  void | **ClassLoader.**[**resolveClass**](http://docs.google.com/java/lang/ClassLoader.html#resolveClass(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> c)            Links the specified class. |
| protected  void | **ClassLoader.**[**setSigners**](http://docs.google.com/java/lang/ClassLoader.html#setSigners(java.lang.Class,%20java.lang.Object%5B%5D))([Class](http://docs.google.com/java/lang/Class.html)<?> c, [Object](http://docs.google.com/java/lang/Object.html)[] signers)            Sets the signers of a class. |
| static   | <T extends [Enum](http://docs.google.com/java/lang/Enum.html)<T>>  T | | --- | | **Enum.**[**valueOf**](http://docs.google.com/java/lang/Enum.html#valueOf(java.lang.Class,%20java.lang.String))([Class](http://docs.google.com/java/lang/Class.html)<T> enumType, [String](http://docs.google.com/java/lang/String.html) name)            Returns the enum constant of the specified enum type with the specified name. |

| Constructors in [java.lang](http://docs.google.com/java/lang/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [**EnumConstantNotPresentException**](http://docs.google.com/java/lang/EnumConstantNotPresentException.html#EnumConstantNotPresentException(java.lang.Class,%20java.lang.String))([Class](http://docs.google.com/java/lang/Class.html)<? extends [Enum](http://docs.google.com/java/lang/Enum.html)> enumType, [String](http://docs.google.com/java/lang/String.html) constantName)            Constructs an EnumConstantNotPresentException for the specified constant. |

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

| Methods in [java.lang.annotation](http://docs.google.com/java/lang/annotation/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Annotation](http://docs.google.com/java/lang/annotation/Annotation.html)> | **IncompleteAnnotationException.**[**annotationType**](http://docs.google.com/java/lang/annotation/IncompleteAnnotationException.html#annotationType())()            Returns the Class object for the annotation type with the missing element. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Annotation](http://docs.google.com/java/lang/annotation/Annotation.html)> | **Annotation.**[**annotationType**](http://docs.google.com/java/lang/annotation/Annotation.html#annotationType())()            Returns the annotation type of this annotation. |

| Constructors in [java.lang.annotation](http://docs.google.com/java/lang/annotation/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [**IncompleteAnnotationException**](http://docs.google.com/java/lang/annotation/IncompleteAnnotationException.html#IncompleteAnnotationException(java.lang.Class,%20java.lang.String))([Class](http://docs.google.com/java/lang/Class.html)<? extends [Annotation](http://docs.google.com/java/lang/annotation/Annotation.html)> annotationType, [String](http://docs.google.com/java/lang/String.html) elementName)            Constructs an IncompleteAnnotationException to indicate that the named element was missing from the specified annotation type. |

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

| Methods in [java.lang.instrument](http://docs.google.com/java/lang/instrument/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)[] | **Instrumentation.**[**getAllLoadedClasses**](http://docs.google.com/java/lang/instrument/Instrumentation.html#getAllLoadedClasses())()            Returns an array of all classes currently loaded by the JVM. |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **ClassDefinition.**[**getDefinitionClass**](http://docs.google.com/java/lang/instrument/ClassDefinition.html#getDefinitionClass())()            Returns the class. |
| [Class](http://docs.google.com/java/lang/Class.html)[] | **Instrumentation.**[**getInitiatedClasses**](http://docs.google.com/java/lang/instrument/Instrumentation.html#getInitiatedClasses(java.lang.ClassLoader))([ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) loader)            Returns an array of all classes for which loader is an initiating loader. |

| Methods in [java.lang.instrument](http://docs.google.com/java/lang/instrument/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| boolean | **Instrumentation.**[**isModifiableClass**](http://docs.google.com/java/lang/instrument/Instrumentation.html#isModifiableClass(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> theClass)            Determines whether a class is modifiable by [retransformation](http://docs.google.com/java/lang/instrument/Instrumentation.html#retransformClasses(java.lang.Class...)) or [redefinition](http://docs.google.com/java/lang/instrument/Instrumentation.html#redefineClasses(java.lang.instrument.ClassDefinition...)). |
| void | **Instrumentation.**[**retransformClasses**](http://docs.google.com/java/lang/instrument/Instrumentation.html#retransformClasses(java.lang.Class...))([Class](http://docs.google.com/java/lang/Class.html)<?>... classes)            Retransform the supplied set of classes. |
| byte[] | **ClassFileTransformer.**[**transform**](http://docs.google.com/java/lang/instrument/ClassFileTransformer.html#transform(java.lang.ClassLoader,%20java.lang.String,%20java.lang.Class,%20java.security.ProtectionDomain,%20byte%5B%5D))([ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) loader, [String](http://docs.google.com/java/lang/String.html) className, [Class](http://docs.google.com/java/lang/Class.html)<?> classBeingRedefined, [ProtectionDomain](http://docs.google.com/java/security/ProtectionDomain.html) protectionDomain, byte[] classfileBuffer)            The implementation of this method may transform the supplied class file and return a new replacement class file. |

| Constructors in [java.lang.instrument](http://docs.google.com/java/lang/instrument/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [**ClassDefinition**](http://docs.google.com/java/lang/instrument/ClassDefinition.html#ClassDefinition(java.lang.Class,%20byte%5B%5D))([Class](http://docs.google.com/java/lang/Class.html)<?> theClass, byte[] theClassFile)            Creates a new ClassDefinition binding using the supplied class and class file bytes. |

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

| Methods in [java.lang.management](http://docs.google.com/java/lang/management/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| static   | <T> T | | --- | | **ManagementFactory.**[**newPlatformMXBeanProxy**](http://docs.google.com/java/lang/management/ManagementFactory.html#newPlatformMXBeanProxy(javax.management.MBeanServerConnection,%20java.lang.String,%20java.lang.Class))([MBeanServerConnection](http://docs.google.com/javax/management/MBeanServerConnection.html) connection, [String](http://docs.google.com/java/lang/String.html) mxbeanName, [Class](http://docs.google.com/java/lang/Class.html)<T> mxbeanInterface)            Returns a proxy for a platform MXBean interface of a given [MXBean name](http://docs.google.com/java/lang/management/#MXBeanNames) that forwards its method calls through the given MBeanServerConnection. |

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

| Methods in [java.lang.reflect](http://docs.google.com/java/lang/reflect/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **Field.**[**getDeclaringClass**](http://docs.google.com/java/lang/reflect/Field.html#getDeclaringClass())()            Returns the Class object representing the class or interface that declares the field represented by this Field object. |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **Method.**[**getDeclaringClass**](http://docs.google.com/java/lang/reflect/Method.html#getDeclaringClass())()            Returns the Class object representing the class or interface that declares the method represented by this Method object. |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **Member.**[**getDeclaringClass**](http://docs.google.com/java/lang/reflect/Member.html#getDeclaringClass())()            Returns the Class object representing the class or interface that declares the member or constructor represented by this Member. |
| [Class](http://docs.google.com/java/lang/Class.html)<[T](http://docs.google.com/java/lang/reflect/Constructor.html)> | **Constructor.**[**getDeclaringClass**](http://docs.google.com/java/lang/reflect/Constructor.html#getDeclaringClass())()            Returns the Class object representing the class that declares the constructor represented by this Constructor object. |
| [Class](http://docs.google.com/java/lang/Class.html)<?>[] | **Method.**[**getExceptionTypes**](http://docs.google.com/java/lang/reflect/Method.html#getExceptionTypes())()            Returns an array of Class objects that represent the types of the exceptions declared to be thrown by the underlying method represented by this Method object. |
| [Class](http://docs.google.com/java/lang/Class.html)<?>[] | **Constructor.**[**getExceptionTypes**](http://docs.google.com/java/lang/reflect/Constructor.html#getExceptionTypes())()            Returns an array of Class objects that represent the types of exceptions declared to be thrown by the underlying constructor represented by this Constructor object. |
| [Class](http://docs.google.com/java/lang/Class.html)<?>[] | **Method.**[**getParameterTypes**](http://docs.google.com/java/lang/reflect/Method.html#getParameterTypes())()            Returns an array of Class objects that represent the formal parameter types, in declaration order, of the method represented by this Method object. |
| [Class](http://docs.google.com/java/lang/Class.html)<?>[] | **Constructor.**[**getParameterTypes**](http://docs.google.com/java/lang/reflect/Constructor.html#getParameterTypes())()            Returns an array of Class objects that represent the formal parameter types, in declaration order, of the constructor represented by this Constructor object. |
| static [Class](http://docs.google.com/java/lang/Class.html)<?> | **Proxy.**[**getProxyClass**](http://docs.google.com/java/lang/reflect/Proxy.html#getProxyClass(java.lang.ClassLoader,%20java.lang.Class...))([ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) loader, [Class](http://docs.google.com/java/lang/Class.html)<?>... interfaces)            Returns the java.lang.Class object for a proxy class given a class loader and an array of interfaces. |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **Method.**[**getReturnType**](http://docs.google.com/java/lang/reflect/Method.html#getReturnType())()            Returns a Class object that represents the formal return type of the method represented by this Method object. |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **Field.**[**getType**](http://docs.google.com/java/lang/reflect/Field.html#getType())()            Returns a Class object that identifies the declared type for the field represented by this Field object. |

| Methods in [java.lang.reflect](http://docs.google.com/java/lang/reflect/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| | <T extends [Annotation](http://docs.google.com/java/lang/annotation/Annotation.html)>  T | | --- | | **Field.**[**getAnnotation**](http://docs.google.com/java/lang/reflect/Field.html#getAnnotation(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> annotationClass) |
| | <T extends [Annotation](http://docs.google.com/java/lang/annotation/Annotation.html)>  T | | --- | | **Method.**[**getAnnotation**](http://docs.google.com/java/lang/reflect/Method.html#getAnnotation(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> annotationClass) |
| | <T extends [Annotation](http://docs.google.com/java/lang/annotation/Annotation.html)>  T | | --- | | **AccessibleObject.**[**getAnnotation**](http://docs.google.com/java/lang/reflect/AccessibleObject.html#getAnnotation(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> annotationClass) |
| | <T extends [Annotation](http://docs.google.com/java/lang/annotation/Annotation.html)>  T | | --- | | **Constructor.**[**getAnnotation**](http://docs.google.com/java/lang/reflect/Constructor.html#getAnnotation(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> annotationClass) |
| | <T extends [Annotation](http://docs.google.com/java/lang/annotation/Annotation.html)>  T | | --- | | **AnnotatedElement.**[**getAnnotation**](http://docs.google.com/java/lang/reflect/AnnotatedElement.html#getAnnotation(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> annotationClass)            Returns this element's annotation for the specified type if such an annotation is present, else null. |
| static [Class](http://docs.google.com/java/lang/Class.html)<?> | **Proxy.**[**getProxyClass**](http://docs.google.com/java/lang/reflect/Proxy.html#getProxyClass(java.lang.ClassLoader,%20java.lang.Class...))([ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) loader, [Class](http://docs.google.com/java/lang/Class.html)<?>... interfaces)            Returns the java.lang.Class object for a proxy class given a class loader and an array of interfaces. |
| boolean | **AccessibleObject.**[**isAnnotationPresent**](http://docs.google.com/java/lang/reflect/AccessibleObject.html#isAnnotationPresent(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<? extends [Annotation](http://docs.google.com/java/lang/annotation/Annotation.html)> annotationClass) |
| boolean | **AnnotatedElement.**[**isAnnotationPresent**](http://docs.google.com/java/lang/reflect/AnnotatedElement.html#isAnnotationPresent(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<? extends [Annotation](http://docs.google.com/java/lang/annotation/Annotation.html)> annotationClass)            Returns true if an annotation for the specified type is present on this element, else false. |
| static boolean | **Proxy.**[**isProxyClass**](http://docs.google.com/java/lang/reflect/Proxy.html#isProxyClass(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> cl)            Returns true if and only if the specified class was dynamically generated to be a proxy class using the getProxyClass method or the newProxyInstance method. |
| static [Object](http://docs.google.com/java/lang/Object.html) | **Array.**[**newInstance**](http://docs.google.com/java/lang/reflect/Array.html#newInstance(java.lang.Class,%20int...))([Class](http://docs.google.com/java/lang/Class.html)<?> componentType, int... dimensions)            Creates a new array with the specified component type and dimensions. |
| static [Object](http://docs.google.com/java/lang/Object.html) | **Array.**[**newInstance**](http://docs.google.com/java/lang/reflect/Array.html#newInstance(java.lang.Class,%20int))([Class](http://docs.google.com/java/lang/Class.html)<?> componentType, int length)            Creates a new array with the specified component type and length. |
| static [Object](http://docs.google.com/java/lang/Object.html) | **Proxy.**[**newProxyInstance**](http://docs.google.com/java/lang/reflect/Proxy.html#newProxyInstance(java.lang.ClassLoader,%20java.lang.Class%5B%5D,%20java.lang.reflect.InvocationHandler))([ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) loader, [Class](http://docs.google.com/java/lang/Class.html)<?>[] interfaces, [InvocationHandler](http://docs.google.com/java/lang/reflect/InvocationHandler.html) h)            Returns an instance of a proxy class for the specified interfaces that dispatches method invocations to the specified invocation handler. |

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

| Methods in [java.net](http://docs.google.com/java/net/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| protected  [Class](http://docs.google.com/java/lang/Class.html)<?> | **URLClassLoader.**[**findClass**](http://docs.google.com/java/net/URLClassLoader.html#findClass(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Finds and loads the class with the specified name from the URL search path. |

| Methods in [java.net](http://docs.google.com/java/net/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | **URLConnection.**[**getContent**](http://docs.google.com/java/net/URLConnection.html#getContent(java.lang.Class%5B%5D))([Class](http://docs.google.com/java/lang/Class.html)[] classes)            Retrieves the contents of this URL connection. |
| [Object](http://docs.google.com/java/lang/Object.html) | **URL.**[**getContent**](http://docs.google.com/java/net/URL.html#getContent(java.lang.Class%5B%5D))([Class](http://docs.google.com/java/lang/Class.html)[] classes)            Gets the contents of this URL. |
| [Object](http://docs.google.com/java/lang/Object.html) | **ContentHandler.**[**getContent**](http://docs.google.com/java/net/ContentHandler.html#getContent(java.net.URLConnection,%20java.lang.Class%5B%5D))([URLConnection](http://docs.google.com/java/net/URLConnection.html) urlc, [Class](http://docs.google.com/java/lang/Class.html)[] classes)            Given a URL connect stream positioned at the beginning of the representation of an object, this method reads that stream and creates an object that matches one of the types specified. |

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

| Methods in [java.rmi.server](http://docs.google.com/java/rmi/server/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **LoaderHandler.**[**loadClass**](http://docs.google.com/java/rmi/server/LoaderHandler.html#loadClass(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)  **Deprecated.** *no replacement* |
| static [Class](http://docs.google.com/java/lang/Class.html)<?> | **RMIClassLoader.**[**loadClass**](http://docs.google.com/java/rmi/server/RMIClassLoader.html#loadClass(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)  **Deprecated.** *replaced by loadClass(String,String) method* |
| static [Class](http://docs.google.com/java/lang/Class.html)<?> | **RMIClassLoader.**[**loadClass**](http://docs.google.com/java/rmi/server/RMIClassLoader.html#loadClass(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) codebase, [String](http://docs.google.com/java/lang/String.html) name)            Loads a class from a codebase URL path. |
| static [Class](http://docs.google.com/java/lang/Class.html)<?> | **RMIClassLoader.**[**loadClass**](http://docs.google.com/java/rmi/server/RMIClassLoader.html#loadClass(java.lang.String,%20java.lang.String,%20java.lang.ClassLoader))([String](http://docs.google.com/java/lang/String.html) codebase, [String](http://docs.google.com/java/lang/String.html) name, [ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) defaultLoader)            Loads a class from a codebase URL path, optionally using the supplied loader. |
| abstract  [Class](http://docs.google.com/java/lang/Class.html)<?> | **RMIClassLoaderSpi.**[**loadClass**](http://docs.google.com/java/rmi/server/RMIClassLoaderSpi.html#loadClass(java.lang.String,%20java.lang.String,%20java.lang.ClassLoader))([String](http://docs.google.com/java/lang/String.html) codebase, [String](http://docs.google.com/java/lang/String.html) name, [ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) defaultLoader)            Provides the implementation for [RMIClassLoader.loadClass(URL,String)](http://docs.google.com/java/rmi/server/RMIClassLoader.html#loadClass(java.net.URL,%20java.lang.String)), [RMIClassLoader.loadClass(String,String)](http://docs.google.com/java/rmi/server/RMIClassLoader.html#loadClass(java.lang.String,%20java.lang.String)), and [RMIClassLoader.loadClass(String,String,ClassLoader)](http://docs.google.com/java/rmi/server/RMIClassLoader.html#loadClass(java.lang.String,%20java.lang.String,%20java.lang.ClassLoader)). |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **LoaderHandler.**[**loadClass**](http://docs.google.com/java/rmi/server/LoaderHandler.html#loadClass(java.net.URL,%20java.lang.String))([URL](http://docs.google.com/java/net/URL.html) codebase, [String](http://docs.google.com/java/lang/String.html) name)  **Deprecated.** *no replacement* |
| static [Class](http://docs.google.com/java/lang/Class.html)<?> | **RMIClassLoader.**[**loadClass**](http://docs.google.com/java/rmi/server/RMIClassLoader.html#loadClass(java.net.URL,%20java.lang.String))([URL](http://docs.google.com/java/net/URL.html) codebase, [String](http://docs.google.com/java/lang/String.html) name)            Loads a class from a codebase URL. |
| static [Class](http://docs.google.com/java/lang/Class.html)<?> | **RMIClassLoader.**[**loadProxyClass**](http://docs.google.com/java/rmi/server/RMIClassLoader.html#loadProxyClass(java.lang.String,%20java.lang.String%5B%5D,%20java.lang.ClassLoader))([String](http://docs.google.com/java/lang/String.html) codebase, [String](http://docs.google.com/java/lang/String.html)[] interfaces, [ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) defaultLoader)            Loads a dynamic proxy class (see [Proxy](http://docs.google.com/java/lang/reflect/Proxy.html)) that implements a set of interfaces with the given names from a codebase URL path. |
| abstract  [Class](http://docs.google.com/java/lang/Class.html)<?> | **RMIClassLoaderSpi.**[**loadProxyClass**](http://docs.google.com/java/rmi/server/RMIClassLoaderSpi.html#loadProxyClass(java.lang.String,%20java.lang.String%5B%5D,%20java.lang.ClassLoader))([String](http://docs.google.com/java/lang/String.html) codebase, [String](http://docs.google.com/java/lang/String.html)[] interfaces, [ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) defaultLoader)            Provides the implementation for [RMIClassLoader.loadProxyClass(String,String[],ClassLoader)](http://docs.google.com/java/rmi/server/RMIClassLoader.html#loadProxyClass(java.lang.String,%20java.lang.String%5B%5D,%20java.lang.ClassLoader)). |

| Methods in [java.rmi.server](http://docs.google.com/java/rmi/server/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| static [String](http://docs.google.com/java/lang/String.html) | **RMIClassLoader.**[**getClassAnnotation**](http://docs.google.com/java/rmi/server/RMIClassLoader.html#getClassAnnotation(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> cl)            Returns the annotation string (representing a location for the class definition) that RMI will use to annotate the class descriptor when marshalling objects of the given class. |
| abstract  [String](http://docs.google.com/java/lang/String.html) | **RMIClassLoaderSpi.**[**getClassAnnotation**](http://docs.google.com/java/rmi/server/RMIClassLoaderSpi.html#getClassAnnotation(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> cl)            Provides the implementation for [RMIClassLoader.getClassAnnotation(Class)](http://docs.google.com/java/rmi/server/RMIClassLoader.html#getClassAnnotation(java.lang.Class)). |

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

| Methods in [java.security](http://docs.google.com/java/security/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| protected  [Class](http://docs.google.com/java/lang/Class.html)<?> | **SecureClassLoader.**[**defineClass**](http://docs.google.com/java/security/SecureClassLoader.html#defineClass(java.lang.String,%20byte%5B%5D,%20int,%20int,%20java.security.CodeSource))([String](http://docs.google.com/java/lang/String.html) name, byte[] b, int off, int len, [CodeSource](http://docs.google.com/java/security/CodeSource.html) cs)            Converts an array of bytes into an instance of class Class, with an optional CodeSource. |
| protected  [Class](http://docs.google.com/java/lang/Class.html)<?> | **SecureClassLoader.**[**defineClass**](http://docs.google.com/java/security/SecureClassLoader.html#defineClass(java.lang.String,%20java.nio.ByteBuffer,%20java.security.CodeSource))([String](http://docs.google.com/java/lang/String.html) name, [ByteBuffer](http://docs.google.com/java/nio/ByteBuffer.html) b, [CodeSource](http://docs.google.com/java/security/CodeSource.html) cs)            Converts a [ByteBuffer](http://docs.google.com/java/nio/ByteBuffer.html) into an instance of class Class, with an optional CodeSource. |

| Methods in [java.security](http://docs.google.com/java/security/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| boolean | **KeyStoreSpi.**[**engineEntryInstanceOf**](http://docs.google.com/java/security/KeyStoreSpi.html#engineEntryInstanceOf(java.lang.String,%20java.lang.Class))([String](http://docs.google.com/java/lang/String.html) alias, [Class](http://docs.google.com/java/lang/Class.html)<? extends [KeyStore.Entry](http://docs.google.com/java/security/KeyStore.Entry.html)> entryClass)            Determines if the keystore Entry for the specified alias is an instance or subclass of the specified entryClass. |
| protected abstract   | <T extends [KeySpec](http://docs.google.com/java/security/spec/KeySpec.html)>  T | | --- | | **KeyFactorySpi.**[**engineGetKeySpec**](http://docs.google.com/java/security/KeyFactorySpi.html#engineGetKeySpec(java.security.Key,%20java.lang.Class))([Key](http://docs.google.com/java/security/Key.html) key, [Class](http://docs.google.com/java/lang/Class.html)<T> keySpec)            Returns a specification (key material) of the given key object. |
| protected abstract   | <T extends [AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html)>  T | | --- | | **AlgorithmParametersSpi.**[**engineGetParameterSpec**](http://docs.google.com/java/security/AlgorithmParametersSpi.html#engineGetParameterSpec(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> paramSpec)            Returns a (transparent) specification of this parameters object. |
| boolean | **KeyStore.**[**entryInstanceOf**](http://docs.google.com/java/security/KeyStore.html#entryInstanceOf(java.lang.String,%20java.lang.Class))([String](http://docs.google.com/java/lang/String.html) alias, [Class](http://docs.google.com/java/lang/Class.html)<? extends [KeyStore.Entry](http://docs.google.com/java/security/KeyStore.Entry.html)> entryClass)            Determines if the keystore Entry for the specified alias is an instance or subclass of the specified entryClass. |
| | <T extends [KeySpec](http://docs.google.com/java/security/spec/KeySpec.html)>  T | | --- | | **KeyFactory.**[**getKeySpec**](http://docs.google.com/java/security/KeyFactory.html#getKeySpec(java.security.Key,%20java.lang.Class))([Key](http://docs.google.com/java/security/Key.html) key, [Class](http://docs.google.com/java/lang/Class.html)<T> keySpec)            Returns a specification (key material) of the given key object. |
| | <T extends [AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html)>  T | | --- | | **AlgorithmParameters.**[**getParameterSpec**](http://docs.google.com/java/security/AlgorithmParameters.html#getParameterSpec(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> paramSpec)            Returns a (transparent) specification of this parameter object. |

| Uses of [Class](http://docs.google.com/java/lang/Class.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 types with arguments of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> | **Connection.**[**getTypeMap**](http://docs.google.com/java/sql/Connection.html#getTypeMap())()            Retrieves the Map object associated with this Connection object. |

| Methods in [java.sql](http://docs.google.com/java/sql/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| | <T extends [Source](http://docs.google.com/javax/xml/transform/Source.html)>  T | | --- | | **SQLXML.**[**getSource**](http://docs.google.com/java/sql/SQLXML.html#getSource(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> sourceClass)            Returns a Source for reading the XML value designated by this SQLXML instance. |
| boolean | **Wrapper.**[**isWrapperFor**](http://docs.google.com/java/sql/Wrapper.html#isWrapperFor(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> iface)            Returns true if this either implements the interface argument or is directly or indirectly a wrapper for an object that does. |
| | <T extends [Result](http://docs.google.com/javax/xml/transform/Result.html)>  T | | --- | | **SQLXML.**[**setResult**](http://docs.google.com/java/sql/SQLXML.html#setResult(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> resultClass)            Returns a Result for setting the XML value designated by this SQLXML instance. |
| | <T> T | | --- | | **Wrapper.**[**unwrap**](http://docs.google.com/java/sql/Wrapper.html#unwrap(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> iface)            Returns an object that implements the given interface to allow access to non-standard methods, or standard methods not exposed by the proxy. |

| Method parameters in [java.sql](http://docs.google.com/java/sql/package-summary.html) with type arguments of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | **Array.**[**getArray**](http://docs.google.com/java/sql/Array.html#getArray(long,%20int,%20java.util.Map))(long index, int count, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> map)            Retreives a slice of the SQL ARRAY value designated by this Array object, beginning with the specified index and containing up to count successive elements of the SQL array. |
| [Object](http://docs.google.com/java/lang/Object.html) | **Array.**[**getArray**](http://docs.google.com/java/sql/Array.html#getArray(java.util.Map))([Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> map)            Retrieves the contents of the SQL ARRAY value designated by this Array object. |
| [Object](http://docs.google.com/java/lang/Object.html)[] | **Struct.**[**getAttributes**](http://docs.google.com/java/sql/Struct.html#getAttributes(java.util.Map))([Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> map)            Produces the ordered values of the attributes of the SQL structured type that this Struct object represents. |
| [Object](http://docs.google.com/java/lang/Object.html) | **CallableStatement.**[**getObject**](http://docs.google.com/java/sql/CallableStatement.html#getObject(int,%20java.util.Map))(int parameterIndex, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> map)            Returns an object representing the value of OUT parameter parameterIndex and uses map for the custom mapping of the parameter value. |
| [Object](http://docs.google.com/java/lang/Object.html) | **ResultSet.**[**getObject**](http://docs.google.com/java/sql/ResultSet.html#getObject(int,%20java.util.Map))(int columnIndex, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> map)            Retrieves the value of the designated column in the current row of this ResultSet object as an Object in the Java programming language. |
| [Object](http://docs.google.com/java/lang/Object.html) | **Ref.**[**getObject**](http://docs.google.com/java/sql/Ref.html#getObject(java.util.Map))([Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> map)            Retrieves the referenced object and maps it to a Java type using the given type map. |
| [Object](http://docs.google.com/java/lang/Object.html) | **CallableStatement.**[**getObject**](http://docs.google.com/java/sql/CallableStatement.html#getObject(java.lang.String,%20java.util.Map))([String](http://docs.google.com/java/lang/String.html) parameterName, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> map)            Returns an object representing the value of OUT parameter parameterName and uses map for the custom mapping of the parameter value. |
| [Object](http://docs.google.com/java/lang/Object.html) | **ResultSet.**[**getObject**](http://docs.google.com/java/sql/ResultSet.html#getObject(java.lang.String,%20java.util.Map))([String](http://docs.google.com/java/lang/String.html) columnLabel, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> map)            Retrieves the value of the designated column in the current row of this ResultSet object as an Object in the Java programming language. |
| [ResultSet](http://docs.google.com/java/sql/ResultSet.html) | **Array.**[**getResultSet**](http://docs.google.com/java/sql/Array.html#getResultSet(long,%20int,%20java.util.Map))(long index, int count, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> map)            Retrieves a result set holding the elements of the subarray that starts at index index and contains up to count successive elements. |
| [ResultSet](http://docs.google.com/java/sql/ResultSet.html) | **Array.**[**getResultSet**](http://docs.google.com/java/sql/Array.html#getResultSet(java.util.Map))([Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> map)            Retrieves a result set that contains the elements of the SQL ARRAY value designated by this Array object. |
| void | **Connection.**[**setTypeMap**](http://docs.google.com/java/sql/Connection.html#setTypeMap(java.util.Map))([Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> map)            Installs the given TypeMap object as the type map for this Connection object. |

| Uses of [Class](http://docs.google.com/java/lang/Class.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) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **IllegalFormatConversionException.**[**getArgumentClass**](http://docs.google.com/java/util/IllegalFormatConversionException.html#getArgumentClass())()            Returns the class of the mismatched argument. |

| Methods in [java.util](http://docs.google.com/java/util/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| static   | <E extends [Enum](http://docs.google.com/java/lang/Enum.html)<E>>  [EnumSet](http://docs.google.com/java/util/EnumSet.html)<E> | | --- | | **EnumSet.**[**allOf**](http://docs.google.com/java/util/EnumSet.html#allOf(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<E> elementType)            Creates an enum set containing all of the elements in the specified element type. |
| static   | <E> [Collection](http://docs.google.com/java/util/Collection.html)<E> | | --- | | **Collections.**[**checkedCollection**](http://docs.google.com/java/util/Collections.html#checkedCollection(java.util.Collection,%20java.lang.Class))([Collection](http://docs.google.com/java/util/Collection.html)<E> c, [Class](http://docs.google.com/java/lang/Class.html)<E> type)            Returns a dynamically typesafe view of the specified collection. |
| static   | <E> [List](http://docs.google.com/java/util/List.html)<E> | | --- | | **Collections.**[**checkedList**](http://docs.google.com/java/util/Collections.html#checkedList(java.util.List,%20java.lang.Class))([List](http://docs.google.com/java/util/List.html)<E> list, [Class](http://docs.google.com/java/lang/Class.html)<E> type)            Returns a dynamically typesafe view of the specified list. |
| static   | <K,V> [Map](http://docs.google.com/java/util/Map.html)<K,V> | | --- | | **Collections.**[**checkedMap**](http://docs.google.com/java/util/Collections.html#checkedMap(java.util.Map,%20java.lang.Class,%20java.lang.Class))([Map](http://docs.google.com/java/util/Map.html)<K,V> m, [Class](http://docs.google.com/java/lang/Class.html)<K> keyType, [Class](http://docs.google.com/java/lang/Class.html)<V> valueType)            Returns a dynamically typesafe view of the specified map. |
| static   | <K,V> [Map](http://docs.google.com/java/util/Map.html)<K,V> | | --- | | **Collections.**[**checkedMap**](http://docs.google.com/java/util/Collections.html#checkedMap(java.util.Map,%20java.lang.Class,%20java.lang.Class))([Map](http://docs.google.com/java/util/Map.html)<K,V> m, [Class](http://docs.google.com/java/lang/Class.html)<K> keyType, [Class](http://docs.google.com/java/lang/Class.html)<V> valueType)            Returns a dynamically typesafe view of the specified map. |
| static   | <E> [Set](http://docs.google.com/java/util/Set.html)<E> | | --- | | **Collections.**[**checkedSet**](http://docs.google.com/java/util/Collections.html#checkedSet(java.util.Set,%20java.lang.Class))([Set](http://docs.google.com/java/util/Set.html)<E> s, [Class](http://docs.google.com/java/lang/Class.html)<E> type)            Returns a dynamically typesafe view of the specified set. |
| static   | <K,V> [SortedMap](http://docs.google.com/java/util/SortedMap.html)<K,V> | | --- | | **Collections.**[**checkedSortedMap**](http://docs.google.com/java/util/Collections.html#checkedSortedMap(java.util.SortedMap,%20java.lang.Class,%20java.lang.Class))([SortedMap](http://docs.google.com/java/util/SortedMap.html)<K,V> m, [Class](http://docs.google.com/java/lang/Class.html)<K> keyType, [Class](http://docs.google.com/java/lang/Class.html)<V> valueType)            Returns a dynamically typesafe view of the specified sorted map. |
| static   | <K,V> [SortedMap](http://docs.google.com/java/util/SortedMap.html)<K,V> | | --- | | **Collections.**[**checkedSortedMap**](http://docs.google.com/java/util/Collections.html#checkedSortedMap(java.util.SortedMap,%20java.lang.Class,%20java.lang.Class))([SortedMap](http://docs.google.com/java/util/SortedMap.html)<K,V> m, [Class](http://docs.google.com/java/lang/Class.html)<K> keyType, [Class](http://docs.google.com/java/lang/Class.html)<V> valueType)            Returns a dynamically typesafe view of the specified sorted map. |
| static   | <E> [SortedSet](http://docs.google.com/java/util/SortedSet.html)<E> | | --- | | **Collections.**[**checkedSortedSet**](http://docs.google.com/java/util/Collections.html#checkedSortedSet(java.util.SortedSet,%20java.lang.Class))([SortedSet](http://docs.google.com/java/util/SortedSet.html)<E> s, [Class](http://docs.google.com/java/lang/Class.html)<E> type)            Returns a dynamically typesafe view of the specified sorted set. |
| static   | <T,U> T[] | | --- | | **Arrays.**[**copyOf**](http://docs.google.com/java/util/Arrays.html#copyOf(U%5B%5D,%20int,%20java.lang.Class))(U[] original, int newLength, [Class](http://docs.google.com/java/lang/Class.html)<? extends T[]> newType)            Copies the specified array, truncating or padding with nulls (if necessary) so the copy has the specified length. |
| static   | <T,U> T[] | | --- | | **Arrays.**[**copyOfRange**](http://docs.google.com/java/util/Arrays.html#copyOfRange(U%5B%5D,%20int,%20int,%20java.lang.Class))(U[] original, int from, int to, [Class](http://docs.google.com/java/lang/Class.html)<? extends T[]> newType)            Copies the specified range of the specified array into a new array. |
| static   | <S> [ServiceLoader](http://docs.google.com/java/util/ServiceLoader.html)<S> | | --- | | **ServiceLoader.**[**load**](http://docs.google.com/java/util/ServiceLoader.html#load(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<S> service)            Creates a new service loader for the given service type, using the current thread's [context class loader](http://docs.google.com/java/lang/Thread.html#getContextClassLoader()). |
| static   | <S> [ServiceLoader](http://docs.google.com/java/util/ServiceLoader.html)<S> | | --- | | **ServiceLoader.**[**load**](http://docs.google.com/java/util/ServiceLoader.html#load(java.lang.Class,%20java.lang.ClassLoader))([Class](http://docs.google.com/java/lang/Class.html)<S> service, [ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) loader)            Creates a new service loader for the given service type and class loader. |
| static   | <S> [ServiceLoader](http://docs.google.com/java/util/ServiceLoader.html)<S> | | --- | | **ServiceLoader.**[**loadInstalled**](http://docs.google.com/java/util/ServiceLoader.html#loadInstalled(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<S> service)            Creates a new service loader for the given service type, using the extension class loader. |
| static   | <E extends [Enum](http://docs.google.com/java/lang/Enum.html)<E>>  [EnumSet](http://docs.google.com/java/util/EnumSet.html)<E> | | --- | | **EnumSet.**[**noneOf**](http://docs.google.com/java/util/EnumSet.html#noneOf(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<E> elementType)            Creates an empty enum set with the specified element type. |

| Constructors in [java.util](http://docs.google.com/java/util/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [**EnumMap**](http://docs.google.com/java/util/EnumMap.html#EnumMap(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<[K](http://docs.google.com/java/util/EnumMap.html)> keyType)            Creates an empty enum map with the specified key type. |
| [**IllegalFormatConversionException**](http://docs.google.com/java/util/IllegalFormatConversionException.html#IllegalFormatConversionException(char,%20java.lang.Class))(char c, [Class](http://docs.google.com/java/lang/Class.html)<?> arg)            Constructs an instance of this class with the mismatched conversion and the corresponding argument class. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [java.util.concurrent.atomic](http://docs.google.com/java/util/concurrent/atomic/package-summary.html) | |
| --- | --- |

| Methods in [java.util.concurrent.atomic](http://docs.google.com/java/util/concurrent/atomic/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| static   | <U,W> [AtomicReferenceFieldUpdater](http://docs.google.com/java/util/concurrent/atomic/AtomicReferenceFieldUpdater.html)<U,W> | | --- | | **AtomicReferenceFieldUpdater.**[**newUpdater**](http://docs.google.com/java/util/concurrent/atomic/AtomicReferenceFieldUpdater.html#newUpdater(java.lang.Class,%20java.lang.Class,%20java.lang.String))([Class](http://docs.google.com/java/lang/Class.html)<U> tclass, [Class](http://docs.google.com/java/lang/Class.html)<W> vclass, [String](http://docs.google.com/java/lang/String.html) fieldName)            Creates and returns an updater for objects with the given field. |
| static   | <U,W> [AtomicReferenceFieldUpdater](http://docs.google.com/java/util/concurrent/atomic/AtomicReferenceFieldUpdater.html)<U,W> | | --- | | **AtomicReferenceFieldUpdater.**[**newUpdater**](http://docs.google.com/java/util/concurrent/atomic/AtomicReferenceFieldUpdater.html#newUpdater(java.lang.Class,%20java.lang.Class,%20java.lang.String))([Class](http://docs.google.com/java/lang/Class.html)<U> tclass, [Class](http://docs.google.com/java/lang/Class.html)<W> vclass, [String](http://docs.google.com/java/lang/String.html) fieldName)            Creates and returns an updater for objects with the given field. |
| static   | <U> [AtomicLongFieldUpdater](http://docs.google.com/java/util/concurrent/atomic/AtomicLongFieldUpdater.html)<U> | | --- | | **AtomicLongFieldUpdater.**[**newUpdater**](http://docs.google.com/java/util/concurrent/atomic/AtomicLongFieldUpdater.html#newUpdater(java.lang.Class,%20java.lang.String))([Class](http://docs.google.com/java/lang/Class.html)<U> tclass, [String](http://docs.google.com/java/lang/String.html) fieldName)            Creates and returns an updater for objects with the given field. |
| static   | <U> [AtomicIntegerFieldUpdater](http://docs.google.com/java/util/concurrent/atomic/AtomicIntegerFieldUpdater.html)<U> | | --- | | **AtomicIntegerFieldUpdater.**[**newUpdater**](http://docs.google.com/java/util/concurrent/atomic/AtomicIntegerFieldUpdater.html#newUpdater(java.lang.Class,%20java.lang.String))([Class](http://docs.google.com/java/lang/Class.html)<U> tclass, [String](http://docs.google.com/java/lang/String.html) fieldName)            Creates and returns an updater for objects with the given field. |

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

| Methods in [java.util.prefs](http://docs.google.com/java/util/prefs/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| static [Preferences](http://docs.google.com/java/util/prefs/Preferences.html) | **Preferences.**[**systemNodeForPackage**](http://docs.google.com/java/util/prefs/Preferences.html#systemNodeForPackage(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> c)            Returns the preference node from the system preference tree that is associated (by convention) with the specified class's package. |
| static [Preferences](http://docs.google.com/java/util/prefs/Preferences.html) | **Preferences.**[**userNodeForPackage**](http://docs.google.com/java/util/prefs/Preferences.html#userNodeForPackage(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> c)            Returns the preference node from the calling user's preference tree that is associated (by convention) with the specified class's package. |

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

| Methods in [javax.activation](http://docs.google.com/javax/activation/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html) | **ActivationDataFlavor.**[**getRepresentationClass**](http://docs.google.com/javax/activation/ActivationDataFlavor.html#getRepresentationClass())()            Return the representation class. |

| Constructors in [javax.activation](http://docs.google.com/javax/activation/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [**ActivationDataFlavor**](http://docs.google.com/javax/activation/ActivationDataFlavor.html#ActivationDataFlavor(java.lang.Class,%20java.lang.String))([Class](http://docs.google.com/java/lang/Class.html) representationClass, [String](http://docs.google.com/java/lang/String.html) humanPresentableName)            Construct a DataFlavor that represents a MimeType. |
| [**ActivationDataFlavor**](http://docs.google.com/javax/activation/ActivationDataFlavor.html#ActivationDataFlavor(java.lang.Class,%20java.lang.String,%20java.lang.String))([Class](http://docs.google.com/java/lang/Class.html) representationClass, [String](http://docs.google.com/java/lang/String.html) mimeType, [String](http://docs.google.com/java/lang/String.html) humanPresentableName)            Construct a DataFlavor that represents an arbitrary Java object. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [javax.annotation.processing](http://docs.google.com/javax/annotation/processing/package-summary.html) | |
| --- | --- |

| Methods in [javax.annotation.processing](http://docs.google.com/javax/annotation/processing/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Set](http://docs.google.com/java/util/Set.html)<? extends [Element](http://docs.google.com/javax/lang/model/element/Element.html)> | **RoundEnvironment.**[**getElementsAnnotatedWith**](http://docs.google.com/javax/annotation/processing/RoundEnvironment.html#getElementsAnnotatedWith(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<? extends [Annotation](http://docs.google.com/java/lang/annotation/Annotation.html)> a)            Returns the elements annotated with the given annotation type. |

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

| Methods in [javax.crypto](http://docs.google.com/javax/crypto/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| protected abstract  [KeySpec](http://docs.google.com/java/security/spec/KeySpec.html) | **SecretKeyFactorySpi.**[**engineGetKeySpec**](http://docs.google.com/javax/crypto/SecretKeyFactorySpi.html#engineGetKeySpec(javax.crypto.SecretKey,%20java.lang.Class))([SecretKey](http://docs.google.com/javax/crypto/SecretKey.html) key, [Class](http://docs.google.com/java/lang/Class.html) keySpec)            Returns a specification (key material) of the given key object in the requested format. |
| [KeySpec](http://docs.google.com/java/security/spec/KeySpec.html) | **SecretKeyFactory.**[**getKeySpec**](http://docs.google.com/javax/crypto/SecretKeyFactory.html#getKeySpec(javax.crypto.SecretKey,%20java.lang.Class))([SecretKey](http://docs.google.com/javax/crypto/SecretKey.html) key, [Class](http://docs.google.com/java/lang/Class.html) keySpec)            Returns a specification (key material) of the given key object in the requested format. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [javax.imageio.metadata](http://docs.google.com/javax/imageio/metadata/package-summary.html) | |
| --- | --- |

| Methods in [javax.imageio.metadata](http://docs.google.com/javax/imageio/metadata/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **IIOMetadataFormatImpl.**[**getObjectClass**](http://docs.google.com/javax/imageio/metadata/IIOMetadataFormatImpl.html#getObjectClass(java.lang.String))([String](http://docs.google.com/java/lang/String.html) elementName) |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **IIOMetadataFormat.**[**getObjectClass**](http://docs.google.com/javax/imageio/metadata/IIOMetadataFormat.html#getObjectClass(java.lang.String))([String](http://docs.google.com/java/lang/String.html) elementName)            Returns the Class type of the Object reference stored within the element. |

| Methods in [javax.imageio.metadata](http://docs.google.com/javax/imageio/metadata/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| protected  void | **IIOMetadataFormatImpl.**[**addObjectValue**](http://docs.google.com/javax/imageio/metadata/IIOMetadataFormatImpl.html#addObjectValue(java.lang.String,%20java.lang.Class,%20int,%20int))([String](http://docs.google.com/java/lang/String.html) elementName, [Class](http://docs.google.com/java/lang/Class.html)<?> classType, int arrayMinLength, int arrayMaxLength)            Allows an Object reference of a given class type to be stored in nodes implementing the named element. |
| protected   | <T> void | | --- | | **IIOMetadataFormatImpl.**[**addObjectValue**](http://docs.google.com/javax/imageio/metadata/IIOMetadataFormatImpl.html#addObjectValue(java.lang.String,%20java.lang.Class,%20boolean,%20T))([String](http://docs.google.com/java/lang/String.html) elementName, [Class](http://docs.google.com/java/lang/Class.html)<T> classType, boolean required, T defaultValue)            Allows an Object reference of a given class type to be stored in nodes implementing the named element. |
| protected   | <T> void | | --- | | **IIOMetadataFormatImpl.**[**addObjectValue**](http://docs.google.com/javax/imageio/metadata/IIOMetadataFormatImpl.html#addObjectValue(java.lang.String,%20java.lang.Class,%20boolean,%20T,%20java.util.List))([String](http://docs.google.com/java/lang/String.html) elementName, [Class](http://docs.google.com/java/lang/Class.html)<T> classType, boolean required, T defaultValue, [List](http://docs.google.com/java/util/List.html)<? extends T> enumeratedValues)            Allows an Object reference of a given class type to be stored in nodes implementing the named element. |
| protected   | <T extends [Object](http://docs.google.com/java/lang/Object.html) & [Comparable](http://docs.google.com/java/lang/Comparable.html)<? super T>>  void | | --- | | **IIOMetadataFormatImpl.**[**addObjectValue**](http://docs.google.com/javax/imageio/metadata/IIOMetadataFormatImpl.html#addObjectValue(java.lang.String,%20java.lang.Class,%20T,%20java.lang.Comparable,%20java.lang.Comparable,%20boolean,%20boolean))([String](http://docs.google.com/java/lang/String.html) elementName, [Class](http://docs.google.com/java/lang/Class.html)<T> classType, T defaultValue, [Comparable](http://docs.google.com/java/lang/Comparable.html)<? super T> minValue, [Comparable](http://docs.google.com/java/lang/Comparable.html)<? super T> maxValue, boolean minInclusive, boolean maxInclusive)            Allows an Object reference of a given class type to be stored in nodes implementing the named element. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [javax.imageio.spi](http://docs.google.com/javax/imageio/spi/package-summary.html) | |
| --- | --- |

| Fields in [javax.imageio.spi](http://docs.google.com/javax/imageio/spi/package-summary.html) declared as [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| protected  [Class](http://docs.google.com/java/lang/Class.html)<?> | **ImageInputStreamSpi.**[**inputClass**](http://docs.google.com/javax/imageio/spi/ImageInputStreamSpi.html#inputClass)            A Class object indicating the legal object type for use by the createInputStreamInstance method. |
| protected  [Class](http://docs.google.com/java/lang/Class.html)[] | **ImageReaderSpi.**[**inputTypes**](http://docs.google.com/javax/imageio/spi/ImageReaderSpi.html#inputTypes)            An array of Class objects to be returned from getInputTypes, initially null. |
| protected  [Class](http://docs.google.com/java/lang/Class.html)<?> | **ImageOutputStreamSpi.**[**outputClass**](http://docs.google.com/javax/imageio/spi/ImageOutputStreamSpi.html#outputClass)            A Class object indicating the legal object type for use by the createInputStreamInstance method. |
| protected  [Class](http://docs.google.com/java/lang/Class.html)[] | **ImageWriterSpi.**[**outputTypes**](http://docs.google.com/javax/imageio/spi/ImageWriterSpi.html#outputTypes)            An array of Class objects to be returned from getOutputTypes, initially null. |
| static [Class](http://docs.google.com/java/lang/Class.html)[] | **ImageReaderSpi.**[**STANDARD\_INPUT\_TYPE**](http://docs.google.com/javax/imageio/spi/ImageReaderSpi.html#STANDARD_INPUT_TYPE)            A single-element array, initially containing ImageInputStream.class, to be returned from getInputTypes. |
| static [Class](http://docs.google.com/java/lang/Class.html)[] | **ImageWriterSpi.**[**STANDARD\_OUTPUT\_TYPE**](http://docs.google.com/javax/imageio/spi/ImageWriterSpi.html#STANDARD_OUTPUT_TYPE)            A single-element array, initially containing ImageInputStream.class, to be returned from getInputTypes. |

| Methods in [javax.imageio.spi](http://docs.google.com/javax/imageio/spi/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **ImageInputStreamSpi.**[**getInputClass**](http://docs.google.com/javax/imageio/spi/ImageInputStreamSpi.html#getInputClass())()            Returns a Class object representing the class or interface type that must be implemented by an input source in order to be "wrapped" in an ImageInputStream via the createInputStreamInstance method. |
| [Class](http://docs.google.com/java/lang/Class.html)[] | **ImageReaderSpi.**[**getInputTypes**](http://docs.google.com/javax/imageio/spi/ImageReaderSpi.html#getInputTypes())()            Returns an array of Class objects indicating what types of objects may be used as arguments to the reader's setInput method. |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **ImageOutputStreamSpi.**[**getOutputClass**](http://docs.google.com/javax/imageio/spi/ImageOutputStreamSpi.html#getOutputClass())()            Returns a Class object representing the class or interface type that must be implemented by an output destination in order to be "wrapped" in an ImageOutputStream via the createOutputStreamInstance method. |
| [Class](http://docs.google.com/java/lang/Class.html)[] | **ImageWriterSpi.**[**getOutputTypes**](http://docs.google.com/javax/imageio/spi/ImageWriterSpi.html#getOutputTypes())()            Returns an array of Class objects indicating what types of objects may be used as arguments to the writer's setOutput method. |

| Methods in [javax.imageio.spi](http://docs.google.com/javax/imageio/spi/package-summary.html) that return types with arguments of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Iterator](http://docs.google.com/java/util/Iterator.html)<[Class](http://docs.google.com/java/lang/Class.html)<?>> | **ServiceRegistry.**[**getCategories**](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html#getCategories())()            Returns an Iterator of Class objects indicating the current set of categories. |

| Methods in [javax.imageio.spi](http://docs.google.com/javax/imageio/spi/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| void | **ServiceRegistry.**[**deregisterAll**](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html#deregisterAll(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> category)            Deregisters all service provider object currently registered under the given category. |
| | <T> boolean | | --- | | **ServiceRegistry.**[**deregisterServiceProvider**](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html#deregisterServiceProvider(T,%20java.lang.Class))(T provider, [Class](http://docs.google.com/java/lang/Class.html)<T> category)            Removes a service provider object from the given category. |
| | <T> T | | --- | | **ServiceRegistry.**[**getServiceProviderByClass**](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html#getServiceProviderByClass(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> providerClass)            Returns the currently registered service provider object that is of the given class type. |
| | <T> [Iterator](http://docs.google.com/java/util/Iterator.html)<T> | | --- | | **ServiceRegistry.**[**getServiceProviders**](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html#getServiceProviders(java.lang.Class,%20boolean))([Class](http://docs.google.com/java/lang/Class.html)<T> category, boolean useOrdering)            Returns an Iterator containing all registered service providers in the given category. |
| | <T> [Iterator](http://docs.google.com/java/util/Iterator.html)<T> | | --- | | **ServiceRegistry.**[**getServiceProviders**](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html#getServiceProviders(java.lang.Class,%20javax.imageio.spi.ServiceRegistry.Filter,%20boolean))([Class](http://docs.google.com/java/lang/Class.html)<T> category, [ServiceRegistry.Filter](http://docs.google.com/javax/imageio/spi/ServiceRegistry.Filter.html) filter, boolean useOrdering)            Returns an Iterator containing service provider objects within a given category that satisfy a criterion imposed by the supplied ServiceRegistry.Filter object's filter method. |
| static   | <T> [Iterator](http://docs.google.com/java/util/Iterator.html)<T> | | --- | | **ServiceRegistry.**[**lookupProviders**](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html#lookupProviders(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> providerClass)            Locates and incrementally instantiates the available providers of a given service using the context class loader. |
| static   | <T> [Iterator](http://docs.google.com/java/util/Iterator.html)<T> | | --- | | **ServiceRegistry.**[**lookupProviders**](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html#lookupProviders(java.lang.Class,%20java.lang.ClassLoader))([Class](http://docs.google.com/java/lang/Class.html)<T> providerClass, [ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) loader)            Searches for implementations of a particular service class using the given class loader. |
| void | **RegisterableService.**[**onDeregistration**](http://docs.google.com/javax/imageio/spi/RegisterableService.html#onDeregistration(javax.imageio.spi.ServiceRegistry,%20java.lang.Class))([ServiceRegistry](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html) registry, [Class](http://docs.google.com/java/lang/Class.html)<?> category)            Called when an object implementing this interface is removed from the given category of the given registry. |
| void | **IIOServiceProvider.**[**onDeregistration**](http://docs.google.com/javax/imageio/spi/IIOServiceProvider.html#onDeregistration(javax.imageio.spi.ServiceRegistry,%20java.lang.Class))([ServiceRegistry](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html) registry, [Class](http://docs.google.com/java/lang/Class.html)<?> category)            A callback that will be whenever the Spi class has been deregistered from a ServiceRegistry. |
| void | **RegisterableService.**[**onRegistration**](http://docs.google.com/javax/imageio/spi/RegisterableService.html#onRegistration(javax.imageio.spi.ServiceRegistry,%20java.lang.Class))([ServiceRegistry](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html) registry, [Class](http://docs.google.com/java/lang/Class.html)<?> category)            Called when an object implementing this interface is added to the given category of the given registry. |
| void | **IIOServiceProvider.**[**onRegistration**](http://docs.google.com/javax/imageio/spi/IIOServiceProvider.html#onRegistration(javax.imageio.spi.ServiceRegistry,%20java.lang.Class))([ServiceRegistry](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html) registry, [Class](http://docs.google.com/java/lang/Class.html)<?> category)            A callback that will be called exactly once after the Spi class has been instantiated and registered in a ServiceRegistry. |
| | <T> boolean | | --- | | **ServiceRegistry.**[**registerServiceProvider**](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html#registerServiceProvider(T,%20java.lang.Class))(T provider, [Class](http://docs.google.com/java/lang/Class.html)<T> category)            Adds a service provider object to the registry. |
| | <T> boolean | | --- | | **ServiceRegistry.**[**setOrdering**](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html#setOrdering(java.lang.Class,%20T,%20T))([Class](http://docs.google.com/java/lang/Class.html)<T> category, T firstProvider, T secondProvider)            Sets a pairwise ordering between two service provider objects within a given category. |
| | <T> boolean | | --- | | **ServiceRegistry.**[**unsetOrdering**](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html#unsetOrdering(java.lang.Class,%20T,%20T))([Class](http://docs.google.com/java/lang/Class.html)<T> category, T firstProvider, T secondProvider)            Sets a pairwise ordering between two service provider objects within a given category. |

| Constructors in [javax.imageio.spi](http://docs.google.com/javax/imageio/spi/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [**ImageInputStreamSpi**](http://docs.google.com/javax/imageio/spi/ImageInputStreamSpi.html#ImageInputStreamSpi(java.lang.String,%20java.lang.String,%20java.lang.Class))([String](http://docs.google.com/java/lang/String.html) vendorName, [String](http://docs.google.com/java/lang/String.html) version, [Class](http://docs.google.com/java/lang/Class.html)<?> inputClass)            Constructs an ImageInputStreamSpi with a given set of values. |
| [**ImageOutputStreamSpi**](http://docs.google.com/javax/imageio/spi/ImageOutputStreamSpi.html#ImageOutputStreamSpi(java.lang.String,%20java.lang.String,%20java.lang.Class))([String](http://docs.google.com/java/lang/String.html) vendorName, [String](http://docs.google.com/java/lang/String.html) version, [Class](http://docs.google.com/java/lang/Class.html)<?> outputClass)            Constructs an ImageOutputStreamSpi with a given set of values. |
| [**ImageReaderSpi**](http://docs.google.com/javax/imageio/spi/ImageReaderSpi.html#ImageReaderSpi(java.lang.String,%20java.lang.String,%20java.lang.String%5B%5D,%20java.lang.String%5B%5D,%20java.lang.String%5B%5D,%20java.lang.String,%20java.lang.Class%5B%5D,%20java.lang.String%5B%5D,%20boolean,%20java.lang.String,%20java.lang.String,%20java.lang.String%5B%5D,%20java.lang.String%5B%5D,%20boolean,%20java.lang.String,%20java.lang.String,%20java.lang.String%5B%5D,%20java.lang.String%5B%5D))([String](http://docs.google.com/java/lang/String.html) vendorName, [String](http://docs.google.com/java/lang/String.html) version, [String](http://docs.google.com/java/lang/String.html)[] names, [String](http://docs.google.com/java/lang/String.html)[] suffixes, [String](http://docs.google.com/java/lang/String.html)[] MIMETypes, [String](http://docs.google.com/java/lang/String.html) readerClassName, [Class](http://docs.google.com/java/lang/Class.html)[] inputTypes, [String](http://docs.google.com/java/lang/String.html)[] writerSpiNames, boolean supportsStandardStreamMetadataFormat, [String](http://docs.google.com/java/lang/String.html) nativeStreamMetadataFormatName, [String](http://docs.google.com/java/lang/String.html) nativeStreamMetadataFormatClassName, [String](http://docs.google.com/java/lang/String.html)[] extraStreamMetadataFormatNames, [String](http://docs.google.com/java/lang/String.html)[] extraStreamMetadataFormatClassNames, boolean supportsStandardImageMetadataFormat, [String](http://docs.google.com/java/lang/String.html) nativeImageMetadataFormatName, [String](http://docs.google.com/java/lang/String.html) nativeImageMetadataFormatClassName, [String](http://docs.google.com/java/lang/String.html)[] extraImageMetadataFormatNames, [String](http://docs.google.com/java/lang/String.html)[] extraImageMetadataFormatClassNames)            Constructs an ImageReaderSpi with a given set of values. |
| [**ImageWriterSpi**](http://docs.google.com/javax/imageio/spi/ImageWriterSpi.html#ImageWriterSpi(java.lang.String,%20java.lang.String,%20java.lang.String%5B%5D,%20java.lang.String%5B%5D,%20java.lang.String%5B%5D,%20java.lang.String,%20java.lang.Class%5B%5D,%20java.lang.String%5B%5D,%20boolean,%20java.lang.String,%20java.lang.String,%20java.lang.String%5B%5D,%20java.lang.String%5B%5D,%20boolean,%20java.lang.String,%20java.lang.String,%20java.lang.String%5B%5D,%20java.lang.String%5B%5D))([String](http://docs.google.com/java/lang/String.html) vendorName, [String](http://docs.google.com/java/lang/String.html) version, [String](http://docs.google.com/java/lang/String.html)[] names, [String](http://docs.google.com/java/lang/String.html)[] suffixes, [String](http://docs.google.com/java/lang/String.html)[] MIMETypes, [String](http://docs.google.com/java/lang/String.html) writerClassName, [Class](http://docs.google.com/java/lang/Class.html)[] outputTypes, [String](http://docs.google.com/java/lang/String.html)[] readerSpiNames, boolean supportsStandardStreamMetadataFormat, [String](http://docs.google.com/java/lang/String.html) nativeStreamMetadataFormatName, [String](http://docs.google.com/java/lang/String.html) nativeStreamMetadataFormatClassName, [String](http://docs.google.com/java/lang/String.html)[] extraStreamMetadataFormatNames, [String](http://docs.google.com/java/lang/String.html)[] extraStreamMetadataFormatClassNames, boolean supportsStandardImageMetadataFormat, [String](http://docs.google.com/java/lang/String.html) nativeImageMetadataFormatName, [String](http://docs.google.com/java/lang/String.html) nativeImageMetadataFormatClassName, [String](http://docs.google.com/java/lang/String.html)[] extraImageMetadataFormatNames, [String](http://docs.google.com/java/lang/String.html)[] extraImageMetadataFormatClassNames)            Constructs an ImageWriterSpi with a given set of values. |

| Constructor parameters in [javax.imageio.spi](http://docs.google.com/javax/imageio/spi/package-summary.html) with type arguments of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [**ServiceRegistry**](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html#ServiceRegistry(java.util.Iterator))([Iterator](http://docs.google.com/java/util/Iterator.html)<[Class](http://docs.google.com/java/lang/Class.html)<?>> categories)            Constructs a ServiceRegistry instance with a set of categories taken from the categories argument. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [javax.lang.model.element](http://docs.google.com/javax/lang/model/element/package-summary.html) | |
| --- | --- |

| Methods in [javax.lang.model.element](http://docs.google.com/javax/lang/model/element/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| | <A extends [Annotation](http://docs.google.com/java/lang/annotation/Annotation.html)>  A | | --- | | **Element.**[**getAnnotation**](http://docs.google.com/javax/lang/model/element/Element.html#getAnnotation(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<A> annotationType)            Returns this element's annotation for the specified type if such an annotation is present, else null. |

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

| Methods in [javax.management](http://docs.google.com/javax/management/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **StandardMBean.**[**getImplementationClass**](http://docs.google.com/javax/management/StandardMBean.html#getImplementationClass())()            Get the class of the implementation of this Standard MBean (or MXBean). |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **StandardMBean.**[**getMBeanInterface**](http://docs.google.com/javax/management/StandardMBean.html#getMBeanInterface())()            Get the Management Interface of this Standard MBean (or MXBean). |
| static [Class](http://docs.google.com/java/lang/Class.html) | **DefaultLoaderRepository.**[**loadClass**](http://docs.google.com/javax/management/DefaultLoaderRepository.html#loadClass(java.lang.String))([String](http://docs.google.com/java/lang/String.html) className)  **Deprecated.** Go through the list of class loaders and try to load the requested class. |
| static [Class](http://docs.google.com/java/lang/Class.html) | **DefaultLoaderRepository.**[**loadClassWithout**](http://docs.google.com/javax/management/DefaultLoaderRepository.html#loadClassWithout(java.lang.ClassLoader,%20java.lang.String))([ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) loader, [String](http://docs.google.com/java/lang/String.html) className)  **Deprecated.** Go through the list of class loaders but exclude the given class loader, then try to load the requested class. |

| Methods in [javax.management](http://docs.google.com/javax/management/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| static boolean | **JMX.**[**isMXBeanInterface**](http://docs.google.com/javax/management/JMX.html#isMXBeanInterface(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> interfaceClass)            Test whether an interface is an MXBean interface. |
| static   | <T> T | | --- | | **JMX.**[**newMBeanProxy**](http://docs.google.com/javax/management/JMX.html#newMBeanProxy(javax.management.MBeanServerConnection,%20javax.management.ObjectName,%20java.lang.Class))([MBeanServerConnection](http://docs.google.com/javax/management/MBeanServerConnection.html) connection, [ObjectName](http://docs.google.com/javax/management/ObjectName.html) objectName, [Class](http://docs.google.com/java/lang/Class.html)<T> interfaceClass)            Make a proxy for a Standard MBean in a local or remote MBean Server. |
| static   | <T> T | | --- | | **JMX.**[**newMBeanProxy**](http://docs.google.com/javax/management/JMX.html#newMBeanProxy(javax.management.MBeanServerConnection,%20javax.management.ObjectName,%20java.lang.Class,%20boolean))([MBeanServerConnection](http://docs.google.com/javax/management/MBeanServerConnection.html) connection, [ObjectName](http://docs.google.com/javax/management/ObjectName.html) objectName, [Class](http://docs.google.com/java/lang/Class.html)<T> interfaceClass, boolean notificationBroadcaster)            Make a proxy for a Standard MBean in a local or remote MBean Server that may also support the methods of [NotificationEmitter](http://docs.google.com/javax/management/NotificationEmitter.html). |
| static   | <T> T | | --- | | **JMX.**[**newMXBeanProxy**](http://docs.google.com/javax/management/JMX.html#newMXBeanProxy(javax.management.MBeanServerConnection,%20javax.management.ObjectName,%20java.lang.Class))([MBeanServerConnection](http://docs.google.com/javax/management/MBeanServerConnection.html) connection, [ObjectName](http://docs.google.com/javax/management/ObjectName.html) objectName, [Class](http://docs.google.com/java/lang/Class.html)<T> interfaceClass)            Make a proxy for an MXBean in a local or remote MBean Server. |
| static   | <T> T | | --- | | **JMX.**[**newMXBeanProxy**](http://docs.google.com/javax/management/JMX.html#newMXBeanProxy(javax.management.MBeanServerConnection,%20javax.management.ObjectName,%20java.lang.Class,%20boolean))([MBeanServerConnection](http://docs.google.com/javax/management/MBeanServerConnection.html) connection, [ObjectName](http://docs.google.com/javax/management/ObjectName.html) objectName, [Class](http://docs.google.com/java/lang/Class.html)<T> interfaceClass, boolean notificationBroadcaster)            Make a proxy for an MXBean in a local or remote MBean Server that may also support the methods of [NotificationEmitter](http://docs.google.com/javax/management/NotificationEmitter.html). |
| static   | <T> T | | --- | | **MBeanServerInvocationHandler.**[**newProxyInstance**](http://docs.google.com/javax/management/MBeanServerInvocationHandler.html#newProxyInstance(javax.management.MBeanServerConnection,%20javax.management.ObjectName,%20java.lang.Class,%20boolean))([MBeanServerConnection](http://docs.google.com/javax/management/MBeanServerConnection.html) connection, [ObjectName](http://docs.google.com/javax/management/ObjectName.html) objectName, [Class](http://docs.google.com/java/lang/Class.html)<T> interfaceClass, boolean notificationBroadcaster)            Return a proxy that implements the given interface by forwarding its methods through the given MBean server to the named MBean. |

| Constructors in [javax.management](http://docs.google.com/javax/management/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [**StandardEmitterMBean**](http://docs.google.com/javax/management/StandardEmitterMBean.html#StandardEmitterMBean(java.lang.Class,%20boolean,%20javax.management.NotificationEmitter))([Class](http://docs.google.com/java/lang/Class.html)<?> mbeanInterface, boolean isMXBean, [NotificationEmitter](http://docs.google.com/javax/management/NotificationEmitter.html) emitter)            Make an MBean whose management interface is specified by mbeanInterface, and where notifications are handled by the given NotificationEmitter. |
| [**StandardEmitterMBean**](http://docs.google.com/javax/management/StandardEmitterMBean.html#StandardEmitterMBean(java.lang.Class,%20javax.management.NotificationEmitter))([Class](http://docs.google.com/java/lang/Class.html)<?> mbeanInterface, [NotificationEmitter](http://docs.google.com/javax/management/NotificationEmitter.html) emitter)            Make an MBean whose management interface is specified by mbeanInterface, and where notifications are handled by the given NotificationEmitter. |
| [**StandardEmitterMBean**](http://docs.google.com/javax/management/StandardEmitterMBean.html#StandardEmitterMBean(T,%20java.lang.Class,%20boolean,%20javax.management.NotificationEmitter))(T implementation, [Class](http://docs.google.com/java/lang/Class.html)<T> mbeanInterface, boolean isMXBean, [NotificationEmitter](http://docs.google.com/javax/management/NotificationEmitter.html) emitter)            Make an MBean whose management interface is specified by mbeanInterface, with the given implementation and where notifications are handled by the given NotificationEmitter. |
| [**StandardEmitterMBean**](http://docs.google.com/javax/management/StandardEmitterMBean.html#StandardEmitterMBean(T,%20java.lang.Class,%20javax.management.NotificationEmitter))(T implementation, [Class](http://docs.google.com/java/lang/Class.html)<T> mbeanInterface, [NotificationEmitter](http://docs.google.com/javax/management/NotificationEmitter.html) emitter)            Make an MBean whose management interface is specified by mbeanInterface, with the given implementation and where notifications are handled by the given NotificationEmitter. |
| [**StandardMBean**](http://docs.google.com/javax/management/StandardMBean.html#StandardMBean(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> mbeanInterface)            Make a DynamicMBean out of this, using the specified mbeanInterface class. |
| [**StandardMBean**](http://docs.google.com/javax/management/StandardMBean.html#StandardMBean(java.lang.Class,%20boolean))([Class](http://docs.google.com/java/lang/Class.html)<?> mbeanInterface, boolean isMXBean)            Make a DynamicMBean out of this, using the specified mbeanInterface class. |
| [**StandardMBean**](http://docs.google.com/javax/management/StandardMBean.html#StandardMBean(T,%20java.lang.Class))(T implementation, [Class](http://docs.google.com/java/lang/Class.html)<T> mbeanInterface)            Make a DynamicMBean out of the object implementation, using the specified mbeanInterface class. |
| [**StandardMBean**](http://docs.google.com/javax/management/StandardMBean.html#StandardMBean(T,%20java.lang.Class,%20boolean))(T implementation, [Class](http://docs.google.com/java/lang/Class.html)<T> mbeanInterface, boolean isMXBean)            Make a DynamicMBean out of the object implementation, using the specified mbeanInterface class. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [javax.management.loading](http://docs.google.com/javax/management/loading/package-summary.html) | |
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| Methods in [javax.management.loading](http://docs.google.com/javax/management/loading/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| protected  [Class](http://docs.google.com/java/lang/Class.html)<?> | **MLet.**[**findClass**](http://docs.google.com/javax/management/loading/MLet.html#findClass(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            This is the main method for class loaders that is being redefined. |
| static [Class](http://docs.google.com/java/lang/Class.html) | **DefaultLoaderRepository.**[**loadClass**](http://docs.google.com/javax/management/loading/DefaultLoaderRepository.html#loadClass(java.lang.String))([String](http://docs.google.com/java/lang/String.html) className)  **Deprecated.** Go through the list of class loaders and try to load the requested class. |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **ClassLoaderRepository.**[**loadClass**](http://docs.google.com/javax/management/loading/ClassLoaderRepository.html#loadClass(java.lang.String))([String](http://docs.google.com/java/lang/String.html) className)            Load the given class name through the list of class loaders. |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **MLet.**[**loadClass**](http://docs.google.com/javax/management/loading/MLet.html#loadClass(java.lang.String,%20javax.management.loading.ClassLoaderRepository))([String](http://docs.google.com/java/lang/String.html) name, [ClassLoaderRepository](http://docs.google.com/javax/management/loading/ClassLoaderRepository.html) clr)            Load a class, using the given [ClassLoaderRepository](http://docs.google.com/javax/management/loading/ClassLoaderRepository.html) if the class is not found in this MLet's URLs. |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **ClassLoaderRepository.**[**loadClassBefore**](http://docs.google.com/javax/management/loading/ClassLoaderRepository.html#loadClassBefore(java.lang.ClassLoader,%20java.lang.String))([ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) stop, [String](http://docs.google.com/java/lang/String.html) className)            Load the given class name through the list of class loaders, stopping at the given one. |
| static [Class](http://docs.google.com/java/lang/Class.html) | **DefaultLoaderRepository.**[**loadClassWithout**](http://docs.google.com/javax/management/loading/DefaultLoaderRepository.html#loadClassWithout(java.lang.ClassLoader,%20java.lang.String))([ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) loader, [String](http://docs.google.com/java/lang/String.html) className)  **Deprecated.** Go through the list of class loaders but exclude the given class loader, then try to load the requested class. |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **ClassLoaderRepository.**[**loadClassWithout**](http://docs.google.com/javax/management/loading/ClassLoaderRepository.html#loadClassWithout(java.lang.ClassLoader,%20java.lang.String))([ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) exclude, [String](http://docs.google.com/java/lang/String.html) className)            Load the given class name through the list of class loaders, excluding the given one. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [javax.management.openmbean](http://docs.google.com/javax/management/openmbean/package-summary.html) | |
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| Methods in [javax.management.openmbean](http://docs.google.com/javax/management/openmbean/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| static   | <T> [ArrayType](http://docs.google.com/javax/management/openmbean/ArrayType.html)<T> | | --- | | **ArrayType.**[**getPrimitiveArrayType**](http://docs.google.com/javax/management/openmbean/ArrayType.html#getPrimitiveArrayType(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> arrayClass)            Create an ArrayType instance in a type-safe manner. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [javax.naming.spi](http://docs.google.com/javax/naming/spi/package-summary.html) | |
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| Methods in [javax.naming.spi](http://docs.google.com/javax/naming/spi/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [ResolveResult](http://docs.google.com/javax/naming/spi/ResolveResult.html) | **Resolver.**[**resolveToClass**](http://docs.google.com/javax/naming/spi/Resolver.html#resolveToClass(javax.naming.Name,%20java.lang.Class))([Name](http://docs.google.com/javax/naming/Name.html) name, [Class](http://docs.google.com/java/lang/Class.html)<? extends [Context](http://docs.google.com/javax/naming/Context.html)> contextType)            Partially resolves a name. |
| [ResolveResult](http://docs.google.com/javax/naming/spi/ResolveResult.html) | **Resolver.**[**resolveToClass**](http://docs.google.com/javax/naming/spi/Resolver.html#resolveToClass(java.lang.String,%20java.lang.Class))([String](http://docs.google.com/java/lang/String.html) name, [Class](http://docs.google.com/java/lang/Class.html)<? extends [Context](http://docs.google.com/javax/naming/Context.html)> contextType)            Partially resolves a name. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [javax.print](http://docs.google.com/javax/print/package-summary.html) | |
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| Methods in [javax.print](http://docs.google.com/javax/print/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<?>[] | **PrintService.**[**getSupportedAttributeCategories**](http://docs.google.com/javax/print/PrintService.html#getSupportedAttributeCategories())()            Determines the printing attribute categories a client can specify when setting up a job for this print service. |
| [Class](http://docs.google.com/java/lang/Class.html)[] | **AttributeException.**[**getUnsupportedAttributes**](http://docs.google.com/javax/print/AttributeException.html#getUnsupportedAttributes())()            Returns the array of printing attribute classes for which the Print Service instance does not support the attribute at all, or null if there are no such attributes. |

| Methods in [javax.print](http://docs.google.com/javax/print/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| | <T extends [PrintServiceAttribute](http://docs.google.com/javax/print/attribute/PrintServiceAttribute.html)>  T | | --- | | **PrintService.**[**getAttribute**](http://docs.google.com/javax/print/PrintService.html#getAttribute(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> category)            Gets the value of the single specified service attribute. |
| [Object](http://docs.google.com/java/lang/Object.html) | **PrintService.**[**getDefaultAttributeValue**](http://docs.google.com/javax/print/PrintService.html#getDefaultAttributeValue(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> category)            Determines this print service's default printing attribute value in the given category. |
| [Object](http://docs.google.com/java/lang/Object.html) | **PrintService.**[**getSupportedAttributeValues**](http://docs.google.com/javax/print/PrintService.html#getSupportedAttributeValues(java.lang.Class,%20javax.print.DocFlavor,%20javax.print.attribute.AttributeSet))([Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> category, [DocFlavor](http://docs.google.com/javax/print/DocFlavor.html) flavor, [AttributeSet](http://docs.google.com/javax/print/attribute/AttributeSet.html) attributes)            Determines the printing attribute values a client can specify in the given category when setting up a job for this print service. |
| boolean | **PrintService.**[**isAttributeCategorySupported**](http://docs.google.com/javax/print/PrintService.html#isAttributeCategorySupported(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> category)            Determines whether a client can specify the given printing attribute category when setting up a job for this print service. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) | |
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| Methods in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **Attribute.**[**getCategory**](http://docs.google.com/javax/print/attribute/Attribute.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value when it is added to an attribute set. |
| static [Class](http://docs.google.com/java/lang/Class.html)<?> | **AttributeSetUtilities.**[**verifyAttributeCategory**](http://docs.google.com/javax/print/attribute/AttributeSetUtilities.html#verifyAttributeCategory(java.lang.Object,%20java.lang.Class))([Object](http://docs.google.com/java/lang/Object.html) object, [Class](http://docs.google.com/java/lang/Class.html)<?> interfaceName)            Verify that the given object is a [Class](http://docs.google.com/java/lang/Class.html) that implements the given interface, which is assumed to be interface [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) or a subinterface thereof. |

| Methods in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| boolean | **HashAttributeSet.**[**containsKey**](http://docs.google.com/javax/print/attribute/HashAttributeSet.html#containsKey(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> category)            Returns true if this attribute set contains an attribute for the specified category. |
| boolean | **AttributeSet.**[**containsKey**](http://docs.google.com/javax/print/attribute/AttributeSet.html#containsKey(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> category)            Returns true if this attribute set contains an attribute for the specified category. |
| [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) | **HashAttributeSet.**[**get**](http://docs.google.com/javax/print/attribute/HashAttributeSet.html#get(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> category)            Returns the attribute value which this attribute set contains in the given attribute category. |
| [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) | **AttributeSet.**[**get**](http://docs.google.com/javax/print/attribute/AttributeSet.html#get(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> category)            Returns the attribute value which this attribute set contains in the given attribute category. |
| boolean | **HashAttributeSet.**[**remove**](http://docs.google.com/javax/print/attribute/HashAttributeSet.html#remove(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> category)            Removes any attribute for this category from this attribute set if present. |
| boolean | **AttributeSet.**[**remove**](http://docs.google.com/javax/print/attribute/AttributeSet.html#remove(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> category)            Removes any attribute for this category from this attribute set if present. |
| static [Class](http://docs.google.com/java/lang/Class.html)<?> | **AttributeSetUtilities.**[**verifyAttributeCategory**](http://docs.google.com/javax/print/attribute/AttributeSetUtilities.html#verifyAttributeCategory(java.lang.Object,%20java.lang.Class))([Object](http://docs.google.com/java/lang/Object.html) object, [Class](http://docs.google.com/java/lang/Class.html)<?> interfaceName)            Verify that the given object is a [Class](http://docs.google.com/java/lang/Class.html) that implements the given interface, which is assumed to be interface [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) or a subinterface thereof. |
| static [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) | **AttributeSetUtilities.**[**verifyAttributeValue**](http://docs.google.com/javax/print/attribute/AttributeSetUtilities.html#verifyAttributeValue(java.lang.Object,%20java.lang.Class))([Object](http://docs.google.com/java/lang/Object.html) object, [Class](http://docs.google.com/java/lang/Class.html)<?> interfaceName)            Verify that the given object is an instance of the given interface, which is assumed to be interface [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) or a subinterface thereof. |
| static void | **AttributeSetUtilities.**[**verifyCategoryForValue**](http://docs.google.com/javax/print/attribute/AttributeSetUtilities.html#verifyCategoryForValue(java.lang.Class,%20javax.print.attribute.Attribute))([Class](http://docs.google.com/java/lang/Class.html)<?> category, [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) attribute)            Verify that the given attribute category object is equal to the category of the given attribute value object. |

| Constructors in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [**HashAttributeSet**](http://docs.google.com/javax/print/attribute/HashAttributeSet.html#HashAttributeSet(javax.print.attribute.Attribute%5B%5D,%20java.lang.Class))([Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)[] attributes, [Class](http://docs.google.com/java/lang/Class.html)<?> interfaceName)            Construct a new attribute set, where the members of the attribute set are restricted to the given interface. |
| [**HashAttributeSet**](http://docs.google.com/javax/print/attribute/HashAttributeSet.html#HashAttributeSet(javax.print.attribute.Attribute,%20java.lang.Class))([Attribute](http://docs.google.com/javax/print/attribute/Attribute.html) attribute, [Class](http://docs.google.com/java/lang/Class.html)<?> interfaceName)            Construct a new attribute set, initially populated with the given attribute, where the members of the attribute set are restricted to the given interface. |
| [**HashAttributeSet**](http://docs.google.com/javax/print/attribute/HashAttributeSet.html#HashAttributeSet(javax.print.attribute.AttributeSet,%20java.lang.Class))([AttributeSet](http://docs.google.com/javax/print/attribute/AttributeSet.html) attributes, [Class](http://docs.google.com/java/lang/Class.html)<?> interfaceName)            Construct a new attribute set, initially populated with the values from the given set where the members of the attribute set are restricted to the given interface. |
| [**HashAttributeSet**](http://docs.google.com/javax/print/attribute/HashAttributeSet.html#HashAttributeSet(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> interfaceName)            Construct a new, empty attribute set, where the members of the attribute set are restricted to the given interface. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html) | |
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| Methods in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **ReferenceUriSchemesSupported.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/ReferenceUriSchemesSupported.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **QueuedJobCount.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/QueuedJobCount.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterURI.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterURI.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterResolution.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterResolution.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterName.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterName.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterMoreInfoManufacturer.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterMoreInfoManufacturer.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterMoreInfo.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterMoreInfo.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterMessageFromOperator.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterMessageFromOperator.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterLocation.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterLocation.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PresentationDirection.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PresentationDirection.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PagesPerMinuteColor.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PagesPerMinuteColor.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PagesPerMinute.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PagesPerMinute.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PDLOverrideSupported.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PDLOverrideSupported.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **OutputDeviceAssigned.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/OutputDeviceAssigned.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **NumberUpSupported.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/NumberUpSupported.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **NumberUp.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/NumberUp.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **NumberOfInterveningJobs.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/NumberOfInterveningJobs.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **NumberOfDocuments.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/NumberOfDocuments.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **MultipleDocumentHandling.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/MultipleDocumentHandling.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobStateReasons.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobStateReasons.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobStateReason.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobState.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobState.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobPrioritySupported.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobPrioritySupported.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobMessageFromOperator.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobMessageFromOperator.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobMediaSheetsSupported.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobMediaSheetsSupported.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobMediaSheetsCompleted.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobMediaSheetsCompleted.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobKOctetsSupported.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobKOctetsSupported.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobKOctetsProcessed.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobKOctetsProcessed.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobMediaSheets.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobMediaSheets.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobKOctets.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobKOctets.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobImpressionsSupported.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobImpressionsSupported.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobImpressionsCompleted.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobImpressionsCompleted.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobImpressions.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobImpressions.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobHoldUntil.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobHoldUntil.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **Finishings.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/Finishings.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **DateTimeAtProcessing.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/DateTimeAtProcessing.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **DateTimeAtCreation.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/DateTimeAtCreation.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **DateTimeAtCompleted.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/DateTimeAtCompleted.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **Compression.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/Compression.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobOriginatingUserName.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobOriginatingUserName.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **DocumentName.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/DocumentName.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobPriority.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobPriority.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrintQuality.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrintQuality.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterInfo.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterInfo.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterMakeAndModel.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterMakeAndModel.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobName.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobName.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **Destination.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/Destination.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PageRanges.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PageRanges.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **CopiesSupported.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/CopiesSupported.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **ColorSupported.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/ColorSupported.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **MediaSize.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/MediaSize.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **Media.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/Media.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **SheetCollate.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/SheetCollate.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **RequestingUserName.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/RequestingUserName.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterIsAcceptingJobs.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterIsAcceptingJobs.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **Severity.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/Severity.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterStateReasons.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterStateReasons.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterStateReason.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterStateReason.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **PrinterState.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/PrinterState.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **JobSheets.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/JobSheets.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **Fidelity.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/Fidelity.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **Copies.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/Copies.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **Chromaticity.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/Chromaticity.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **Sides.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/Sides.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **OrientationRequested.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/OrientationRequested.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [Attribute](http://docs.google.com/javax/print/attribute/Attribute.html)> | **MediaPrintableArea.**[**getCategory**](http://docs.google.com/javax/print/attribute/standard/MediaPrintableArea.html#getCategory())()            Get the printing attribute class which is to be used as the "category" for this printing attribute value. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [javax.rmi](http://docs.google.com/javax/rmi/package-summary.html) | |
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| Methods in [javax.rmi](http://docs.google.com/javax/rmi/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
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| static [Object](http://docs.google.com/java/lang/Object.html) | **PortableRemoteObject.**[**narrow**](http://docs.google.com/javax/rmi/PortableRemoteObject.html#narrow(java.lang.Object,%20java.lang.Class))([Object](http://docs.google.com/java/lang/Object.html) narrowFrom, [Class](http://docs.google.com/java/lang/Class.html) narrowTo)            Checks to ensure that an object of a remote or abstract interface type can be cast to a desired type. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [javax.rmi.CORBA](http://docs.google.com/javax/rmi/CORBA/package-summary.html) | |
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| Methods in [javax.rmi.CORBA](http://docs.google.com/javax/rmi/CORBA/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
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| [Class](http://docs.google.com/java/lang/Class.html) | **UtilDelegate.**[**loadClass**](http://docs.google.com/javax/rmi/CORBA/UtilDelegate.html#loadClass(java.lang.String,%20java.lang.String,%20java.lang.ClassLoader))([String](http://docs.google.com/java/lang/String.html) className, [String](http://docs.google.com/java/lang/String.html) remoteCodebase, [ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) loader)            Delegation call for [Util.loadClass(java.lang.String, java.lang.String, java.lang.ClassLoader)](http://docs.google.com/javax/rmi/CORBA/Util.html#loadClass(java.lang.String,%20java.lang.String,%20java.lang.ClassLoader)). |
| static [Class](http://docs.google.com/java/lang/Class.html) | **Util.**[**loadClass**](http://docs.google.com/javax/rmi/CORBA/Util.html#loadClass(java.lang.String,%20java.lang.String,%20java.lang.ClassLoader))([String](http://docs.google.com/java/lang/String.html) className, [String](http://docs.google.com/java/lang/String.html) remoteCodebase, [ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) loader)            Returns a class instance for the specified class. |

| Methods in [javax.rmi.CORBA](http://docs.google.com/javax/rmi/CORBA/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
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| [String](http://docs.google.com/java/lang/String.html) | **UtilDelegate.**[**getCodebase**](http://docs.google.com/javax/rmi/CORBA/UtilDelegate.html#getCodebase(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html) clz)            Delegation call for [Util.getCodebase(java.lang.Class)](http://docs.google.com/javax/rmi/CORBA/Util.html#getCodebase(java.lang.Class)). |
| static [String](http://docs.google.com/java/lang/String.html) | **Util.**[**getCodebase**](http://docs.google.com/javax/rmi/CORBA/Util.html#getCodebase(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html) clz)            Returns the codebase, if any, for the given class. |
| [String](http://docs.google.com/java/lang/String.html) | **ValueHandler.**[**getRMIRepositoryID**](http://docs.google.com/javax/rmi/CORBA/ValueHandler.html#getRMIRepositoryID(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html) clz)            Returns the CORBA RepositoryId for the given Java class. |
| boolean | **ValueHandler.**[**isCustomMarshaled**](http://docs.google.com/javax/rmi/CORBA/ValueHandler.html#isCustomMarshaled(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html) clz)            Indicates whether the given class performs custom or default marshaling. |
| [Object](http://docs.google.com/java/lang/Object.html) | **PortableRemoteObjectDelegate.**[**narrow**](http://docs.google.com/javax/rmi/CORBA/PortableRemoteObjectDelegate.html#narrow(java.lang.Object,%20java.lang.Class))([Object](http://docs.google.com/java/lang/Object.html) narrowFrom, [Class](http://docs.google.com/java/lang/Class.html) narrowTo)            Delegation call for [PortableRemoteObject.narrow(java.lang.Object, java.lang.Class)](http://docs.google.com/javax/rmi/PortableRemoteObject.html#narrow(java.lang.Object,%20java.lang.Class)). |
| [Serializable](http://docs.google.com/java/io/Serializable.html) | **ValueHandler.**[**readValue**](http://docs.google.com/javax/rmi/CORBA/ValueHandler.html#readValue(org.omg.CORBA.portable.InputStream,%20int,%20java.lang.Class,%20java.lang.String,%20org.omg.SendingContext.RunTime))([InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) in, int offset, [Class](http://docs.google.com/java/lang/Class.html) clz, [String](http://docs.google.com/java/lang/String.html) repositoryID, [RunTime](http://docs.google.com/org/omg/SendingContext/RunTime.html) sender)            Reads a value from the stream using Java semantics. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [javax.script](http://docs.google.com/javax/script/package-summary.html) | |
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| Methods in [javax.script](http://docs.google.com/javax/script/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
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| | <T> T | | --- | | **Invocable.**[**getInterface**](http://docs.google.com/javax/script/Invocable.html#getInterface(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> clasz)            Returns an implementation of an interface using functions compiled in the interpreter. |
| | <T> T | | --- | | **Invocable.**[**getInterface**](http://docs.google.com/javax/script/Invocable.html#getInterface(java.lang.Object,%20java.lang.Class))([Object](http://docs.google.com/java/lang/Object.html) thiz, [Class](http://docs.google.com/java/lang/Class.html)<T> clasz)            Returns an implementation of an interface using member functions of a scripting object compiled in the interpreter. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [javax.security.auth](http://docs.google.com/javax/security/auth/package-summary.html) | |
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| Methods in [javax.security.auth](http://docs.google.com/javax/security/auth/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
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| | <T extends [Principal](http://docs.google.com/java/security/Principal.html)>  [Set](http://docs.google.com/java/util/Set.html)<T> | | --- | | **Subject.**[**getPrincipals**](http://docs.google.com/javax/security/auth/Subject.html#getPrincipals(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> c)            Return a Set of Principals associated with this Subject that are instances or subclasses of the specified Class. |
| | <T> [Set](http://docs.google.com/java/util/Set.html)<T> | | --- | | **Subject.**[**getPrivateCredentials**](http://docs.google.com/javax/security/auth/Subject.html#getPrivateCredentials(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> c)            Return a Set of private credentials associated with this Subject that are instances or subclasses of the specified Class. |
| | <T> [Set](http://docs.google.com/java/util/Set.html)<T> | | --- | | **Subject.**[**getPublicCredentials**](http://docs.google.com/javax/security/auth/Subject.html#getPublicCredentials(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> c)            Return a Set of public credentials associated with this Subject that are instances or subclasses of the specified Class. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [javax.sound.midi](http://docs.google.com/javax/sound/midi/package-summary.html) | |
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| Methods in [javax.sound.midi](http://docs.google.com/javax/sound/midi/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **SoundbankResource.**[**getDataClass**](http://docs.google.com/javax/sound/midi/SoundbankResource.html#getDataClass())()            Obtains the class used by this sample to represent its data. |

| Constructors in [javax.sound.midi](http://docs.google.com/javax/sound/midi/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [**Instrument**](http://docs.google.com/javax/sound/midi/Instrument.html#Instrument(javax.sound.midi.Soundbank,%20javax.sound.midi.Patch,%20java.lang.String,%20java.lang.Class))([Soundbank](http://docs.google.com/javax/sound/midi/Soundbank.html) soundbank, [Patch](http://docs.google.com/javax/sound/midi/Patch.html) patch, [String](http://docs.google.com/java/lang/String.html) name, [Class](http://docs.google.com/java/lang/Class.html)<?> dataClass)            Constructs a new MIDI instrument from the specified Patch. |
| [**SoundbankResource**](http://docs.google.com/javax/sound/midi/SoundbankResource.html#SoundbankResource(javax.sound.midi.Soundbank,%20java.lang.String,%20java.lang.Class))([Soundbank](http://docs.google.com/javax/sound/midi/Soundbank.html) soundBank, [String](http://docs.google.com/java/lang/String.html) name, [Class](http://docs.google.com/java/lang/Class.html)<?> dataClass)            Constructs a new SoundbankResource from the given sound bank and wavetable index. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [javax.sound.sampled](http://docs.google.com/javax/sound/sampled/package-summary.html) | |
| --- | --- |

| Methods in [javax.sound.sampled](http://docs.google.com/javax/sound/sampled/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **Line.Info.**[**getLineClass**](http://docs.google.com/javax/sound/sampled/Line.Info.html#getLineClass())()            Obtains the class of the line that this Line.Info object describes. |

| Constructors in [javax.sound.sampled](http://docs.google.com/javax/sound/sampled/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [**DataLine.Info**](http://docs.google.com/javax/sound/sampled/DataLine.Info.html#DataLine.Info(java.lang.Class,%20javax.sound.sampled.AudioFormat))([Class](http://docs.google.com/java/lang/Class.html)<?> lineClass, [AudioFormat](http://docs.google.com/javax/sound/sampled/AudioFormat.html) format)            Constructs a data line's info object from the specified information, which includes a single audio format. |
| [**DataLine.Info**](http://docs.google.com/javax/sound/sampled/DataLine.Info.html#DataLine.Info(java.lang.Class,%20javax.sound.sampled.AudioFormat%5B%5D,%20int,%20int))([Class](http://docs.google.com/java/lang/Class.html)<?> lineClass, [AudioFormat](http://docs.google.com/javax/sound/sampled/AudioFormat.html)[] formats, int minBufferSize, int maxBufferSize)            Constructs a data line's info object from the specified information, which includes a set of supported audio formats and a range for the buffer size. |
| [**DataLine.Info**](http://docs.google.com/javax/sound/sampled/DataLine.Info.html#DataLine.Info(java.lang.Class,%20javax.sound.sampled.AudioFormat,%20int))([Class](http://docs.google.com/java/lang/Class.html)<?> lineClass, [AudioFormat](http://docs.google.com/javax/sound/sampled/AudioFormat.html) format, int bufferSize)            Constructs a data line's info object from the specified information, which includes a single audio format and a desired buffer size. |
| [**Line.Info**](http://docs.google.com/javax/sound/sampled/Line.Info.html#Line.Info(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> lineClass)            Constructs an info object that describes a line of the specified class. |
| [**Port.Info**](http://docs.google.com/javax/sound/sampled/Port.Info.html#Port.Info(java.lang.Class,%20java.lang.String,%20boolean))([Class](http://docs.google.com/java/lang/Class.html)<?> lineClass, [String](http://docs.google.com/java/lang/String.html) name, boolean isSource)            Constructs a port's info object from the information given. |

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

| Methods in [javax.sql](http://docs.google.com/javax/sql/package-summary.html) that return types with arguments of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> | **RowSet.**[**getTypeMap**](http://docs.google.com/javax/sql/RowSet.html#getTypeMap())()            Retrieves the Map object associated with this RowSet object, which specifies the custom mapping of SQL user-defined types, if any. |

| Method parameters in [javax.sql](http://docs.google.com/javax/sql/package-summary.html) with type arguments of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| void | **RowSet.**[**setTypeMap**](http://docs.google.com/javax/sql/RowSet.html#setTypeMap(java.util.Map))([Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> map)            Installs the given java.util.Map object as the default type map for this RowSet object. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [javax.sql.rowset](http://docs.google.com/javax/sql/rowset/package-summary.html) | |
| --- | --- |

| Methods in [javax.sql.rowset](http://docs.google.com/javax/sql/rowset/package-summary.html) that return types with arguments of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> | **BaseRowSet.**[**getTypeMap**](http://docs.google.com/javax/sql/rowset/BaseRowSet.html#getTypeMap())()            Retrieves the type map associated with the Connection object for this RowSet object. |

| Methods in [javax.sql.rowset](http://docs.google.com/javax/sql/rowset/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| boolean | **RowSetMetaDataImpl.**[**isWrapperFor**](http://docs.google.com/javax/sql/rowset/RowSetMetaDataImpl.html#isWrapperFor(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> interfaces)            Returns true if this either implements the interface argument or is directly or indirectly a wrapper for an object that does. |
| | <T> T | | --- | | **RowSetMetaDataImpl.**[**unwrap**](http://docs.google.com/javax/sql/rowset/RowSetMetaDataImpl.html#unwrap(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> iface)            Returns an object that implements the given interface to allow access to non-standard methods, or standard methods not exposed by the proxy. |

| Method parameters in [javax.sql.rowset](http://docs.google.com/javax/sql/rowset/package-summary.html) with type arguments of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| void | **BaseRowSet.**[**setTypeMap**](http://docs.google.com/javax/sql/rowset/BaseRowSet.html#setTypeMap(java.util.Map))([Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> map)            Installs the given java.util.Map object as the type map associated with the Connection object for this RowSet object. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [javax.sql.rowset.serial](http://docs.google.com/javax/sql/rowset/serial/package-summary.html) | |
| --- | --- |

| Method parameters in [javax.sql.rowset.serial](http://docs.google.com/javax/sql/rowset/serial/package-summary.html) with type arguments of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | **SerialArray.**[**getArray**](http://docs.google.com/javax/sql/rowset/serial/SerialArray.html#getArray(long,%20int,%20java.util.Map))(long index, int count, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> map)            Returns a new array that is a copy of a slice of this SerialArray object, starting with the element at the given index and containing the given number of consecutive elements. |
| [Object](http://docs.google.com/java/lang/Object.html) | **SerialArray.**[**getArray**](http://docs.google.com/javax/sql/rowset/serial/SerialArray.html#getArray(java.util.Map))([Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> map)            Returns a new array that is a copy of this SerialArray object, using the given type map for the custom mapping of each element when the elements are SQL UDTs. |
| [Object](http://docs.google.com/java/lang/Object.html)[] | **SerialStruct.**[**getAttributes**](http://docs.google.com/javax/sql/rowset/serial/SerialStruct.html#getAttributes(java.util.Map))([Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> map)            Retrieves the attributes for the SQL structured type that this SerialStruct represents as an array of Object values, using the given type map for custom mapping if appropriate. |
| [Object](http://docs.google.com/java/lang/Object.html) | **SerialRef.**[**getObject**](http://docs.google.com/javax/sql/rowset/serial/SerialRef.html#getObject(java.util.Map))([Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> map)            Returns an Object representing the SQL structured type to which this SerialRef object refers. |
| [ResultSet](http://docs.google.com/java/sql/ResultSet.html) | **SerialArray.**[**getResultSet**](http://docs.google.com/javax/sql/rowset/serial/SerialArray.html#getResultSet(long,%20int,%20java.util.Map))(long index, int count, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> map)            Retrieves a result set holding the elements of the subarray that starts at Retrieves a ResultSet object that contains a subarray of the elements in this SerialArray object, starting at index *index* and containing up to *count* successive elements. |
| [ResultSet](http://docs.google.com/java/sql/ResultSet.html) | **SerialArray.**[**getResultSet**](http://docs.google.com/javax/sql/rowset/serial/SerialArray.html#getResultSet(java.util.Map))([Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> map)            Retrieves a ResultSet object that contains all of the elements of the SQL ARRAY value represented by this SerialArray object. |

| Constructor parameters in [javax.sql.rowset.serial](http://docs.google.com/javax/sql/rowset/serial/package-summary.html) with type arguments of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [**SerialArray**](http://docs.google.com/javax/sql/rowset/serial/SerialArray.html#SerialArray(java.sql.Array,%20java.util.Map))([Array](http://docs.google.com/java/sql/Array.html) array, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> map)            Constructs a new SerialArray object from the given Array object, using the given type map for the custom mapping of each element when the elements are SQL UDTs. |
| [**SerialStruct**](http://docs.google.com/javax/sql/rowset/serial/SerialStruct.html#SerialStruct(java.sql.SQLData,%20java.util.Map))([SQLData](http://docs.google.com/java/sql/SQLData.html) in, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> map)            Constructs a SerialStruct object from the given SQLData object, using the given type map to custom map it to a class in the Java programming language. |
| [**SerialStruct**](http://docs.google.com/javax/sql/rowset/serial/SerialStruct.html#SerialStruct(java.sql.Struct,%20java.util.Map))([Struct](http://docs.google.com/java/sql/Struct.html) in, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> map)            Constructs a SerialStruct object from the given Struct object, using the given java.util.Map object for custom mapping the SQL structured type or any of its attributes that are SQL structured types. |
| [**SQLInputImpl**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#SQLInputImpl(java.lang.Object%5B%5D,%20java.util.Map))([Object](http://docs.google.com/java/lang/Object.html)[] attributes, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Class](http://docs.google.com/java/lang/Class.html)<?>> map)            Creates an SQLInputImpl object initialized with the given array of attributes and the given type map. |

| Uses of [Class](http://docs.google.com/java/lang/Class.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 [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **JTable.**[**getColumnClass**](http://docs.google.com/javax/swing/JTable.html#getColumnClass(int))(int column)            Returns the type of the column appearing in the view at column position column. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [ComponentUI](http://docs.google.com/javax/swing/plaf/ComponentUI.html)> | **UIDefaults.**[**getUIClass**](http://docs.google.com/javax/swing/UIDefaults.html#getUIClass(java.lang.String))([String](http://docs.google.com/java/lang/String.html) uiClassID)            Returns the L&F class that renders this component. |
| [Class](http://docs.google.com/java/lang/Class.html)<? extends [ComponentUI](http://docs.google.com/javax/swing/plaf/ComponentUI.html)> | **UIDefaults.**[**getUIClass**](http://docs.google.com/javax/swing/UIDefaults.html#getUIClass(java.lang.String,%20java.lang.ClassLoader))([String](http://docs.google.com/java/lang/String.html) uiClassID, [ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) uiClassLoader)            The value of get(uidClassID) must be the String name of a class that implements the corresponding ComponentUI class. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| static [Container](http://docs.google.com/java/awt/Container.html) | **SwingUtilities.**[**getAncestorOfClass**](http://docs.google.com/javax/swing/SwingUtilities.html#getAncestorOfClass(java.lang.Class,%20java.awt.Component))([Class](http://docs.google.com/java/lang/Class.html)<?> c, [Component](http://docs.google.com/java/awt/Component.html) comp)            Convenience method for searching above comp in the component hierarchy and returns the first object of class c it finds. |
| [TableCellEditor](http://docs.google.com/javax/swing/table/TableCellEditor.html) | **JTable.**[**getDefaultEditor**](http://docs.google.com/javax/swing/JTable.html#getDefaultEditor(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> columnClass)            Returns the editor to be used when no editor has been set in a TableColumn. |
| [TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) | **JTable.**[**getDefaultRenderer**](http://docs.google.com/javax/swing/JTable.html#getDefaultRenderer(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> columnClass)            Returns the cell renderer to be used when no renderer has been set in a TableColumn. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **DefaultBoundedRangeModel.**[**getListeners**](http://docs.google.com/javax/swing/DefaultBoundedRangeModel.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this model. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **AbstractListModel.**[**getListeners**](http://docs.google.com/javax/swing/AbstractListModel.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this model. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **DefaultSingleSelectionModel.**[**getListeners**](http://docs.google.com/javax/swing/DefaultSingleSelectionModel.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this model. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **JComponent.**[**getListeners**](http://docs.google.com/javax/swing/JComponent.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this JComponent. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **AbstractSpinnerModel.**[**getListeners**](http://docs.google.com/javax/swing/AbstractSpinnerModel.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Return an array of all the listeners of the given type that were added to this model. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **DefaultListSelectionModel.**[**getListeners**](http://docs.google.com/javax/swing/DefaultListSelectionModel.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this model. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **DefaultButtonModel.**[**getListeners**](http://docs.google.com/javax/swing/DefaultButtonModel.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this model. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **Timer.**[**getListeners**](http://docs.google.com/javax/swing/Timer.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this Timer. |
| static [Object](http://docs.google.com/java/lang/Object.html) | **LookAndFeel.**[**makeIcon**](http://docs.google.com/javax/swing/LookAndFeel.html#makeIcon(java.lang.Class,%20java.lang.String))([Class](http://docs.google.com/java/lang/Class.html)<?> baseClass, [String](http://docs.google.com/java/lang/String.html) gifFile)            Creates and returns a UIDefault.LazyValue that loads an image. |
| void | **JTable.**[**setDefaultEditor**](http://docs.google.com/javax/swing/JTable.html#setDefaultEditor(java.lang.Class,%20javax.swing.table.TableCellEditor))([Class](http://docs.google.com/java/lang/Class.html)<?> columnClass, [TableCellEditor](http://docs.google.com/javax/swing/table/TableCellEditor.html) editor)            Sets a default cell editor to be used if no editor has been set in a TableColumn. |
| void | **JTable.**[**setDefaultRenderer**](http://docs.google.com/javax/swing/JTable.html#setDefaultRenderer(java.lang.Class,%20javax.swing.table.TableCellRenderer))([Class](http://docs.google.com/java/lang/Class.html)<?> columnClass, [TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) renderer)            Sets a default cell renderer to be used if no renderer has been set in a TableColumn. |

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

| Methods in [javax.swing.event](http://docs.google.com/javax/swing/event/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  void | | --- | | **EventListenerList.**[**add**](http://docs.google.com/javax/swing/event/EventListenerList.html#add(java.lang.Class,%20T))([Class](http://docs.google.com/java/lang/Class.html)<T> t, T l)            Adds the listener as a listener of the specified type. |
| int | **EventListenerList.**[**getListenerCount**](http://docs.google.com/javax/swing/event/EventListenerList.html#getListenerCount(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> t)            Returns the total number of listeners of the supplied type for this listener list. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **EventListenerList.**[**getListeners**](http://docs.google.com/javax/swing/event/EventListenerList.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> t)            Return an array of all the listeners of the given type. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  void | | --- | | **EventListenerList.**[**remove**](http://docs.google.com/javax/swing/event/EventListenerList.html#remove(java.lang.Class,%20T))([Class](http://docs.google.com/java/lang/Class.html)<T> t, T l)            Removes the listener as a listener of the specified type. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [javax.swing.plaf.synth](http://docs.google.com/javax/swing/plaf/synth/package-summary.html) | |
| --- | --- |

| Methods in [javax.swing.plaf.synth](http://docs.google.com/javax/swing/plaf/synth/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| void | **SynthLookAndFeel.**[**load**](http://docs.google.com/javax/swing/plaf/synth/SynthLookAndFeel.html#load(java.io.InputStream,%20java.lang.Class))([InputStream](http://docs.google.com/java/io/InputStream.html) input, [Class](http://docs.google.com/java/lang/Class.html)<?> resourceBase)            Loads the set of SynthStyles that will be used by this SynthLookAndFeel. |

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

| Methods in [javax.swing.table](http://docs.google.com/javax/swing/table/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **AbstractTableModel.**[**getColumnClass**](http://docs.google.com/javax/swing/table/AbstractTableModel.html#getColumnClass(int))(int columnIndex)            Returns Object.class regardless of columnIndex. |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **TableModel.**[**getColumnClass**](http://docs.google.com/javax/swing/table/TableModel.html#getColumnClass(int))(int columnIndex)            Returns the most specific superclass for all the cell values in the column. |

| Methods in [javax.swing.table](http://docs.google.com/javax/swing/table/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **DefaultTableColumnModel.**[**getListeners**](http://docs.google.com/javax/swing/table/DefaultTableColumnModel.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this model. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **AbstractTableModel.**[**getListeners**](http://docs.google.com/javax/swing/table/AbstractTableModel.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this AbstractTableModel. |

| Uses of [Class](http://docs.google.com/java/lang/Class.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) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | **DefaultFormatter.**[**getValueClass**](http://docs.google.com/javax/swing/text/DefaultFormatter.html#getValueClass())()            Returns that class that is used to create new Objects. |

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **AbstractDocument.**[**getListeners**](http://docs.google.com/javax/swing/text/AbstractDocument.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this document. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **DefaultCaret.**[**getListeners**](http://docs.google.com/javax/swing/text/DefaultCaret.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this caret. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **StyleContext.NamedStyle.**[**getListeners**](http://docs.google.com/javax/swing/text/StyleContext.NamedStyle.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Return an array of all the listeners of the given type that were added to this model. |
| void | **DefaultFormatter.**[**setValueClass**](http://docs.google.com/javax/swing/text/DefaultFormatter.html#setValueClass(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> valueClass)            Sets that class that is used to create new Objects. |

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

| Methods in [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **DefaultTreeModel.**[**getListeners**](http://docs.google.com/javax/swing/tree/DefaultTreeModel.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this model. |
| | <T extends [EventListener](http://docs.google.com/java/util/EventListener.html)>  T[] | | --- | | **DefaultTreeSelectionModel.**[**getListeners**](http://docs.google.com/javax/swing/tree/DefaultTreeSelectionModel.html#getListeners(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> listenerType)            Returns an array of all the objects currently registered as *Foo*Listeners upon this model. |

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

| Fields in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) declared as [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| protected  [Class](http://docs.google.com/java/lang/Class.html)<[T](http://docs.google.com/javax/xml/bind/JAXBElement.html)> | **JAXBElement.**[**declaredType**](http://docs.google.com/javax/xml/bind/JAXBElement.html#declaredType)            Java datatype binding for xml element declaration's type. |
| protected  [Class](http://docs.google.com/java/lang/Class.html) | **JAXBElement.**[**scope**](http://docs.google.com/javax/xml/bind/JAXBElement.html#scope)            Scope of xml element declaration representing this xml element instance. |

| Methods in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) that return [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<[T](http://docs.google.com/javax/xml/bind/JAXBElement.html)> | **JAXBElement.**[**getDeclaredType**](http://docs.google.com/javax/xml/bind/JAXBElement.html#getDeclaredType())()            Returns the Java binding of the xml element declaration's type attribute. |
| [Class](http://docs.google.com/java/lang/Class.html) | **JAXBElement.**[**getScope**](http://docs.google.com/javax/xml/bind/JAXBElement.html#getScope())()            Returns scope of xml element declaration. |

| Methods in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| | <T> [Binder](http://docs.google.com/javax/xml/bind/Binder.html)<T> | | --- | | **JAXBContext.**[**createBinder**](http://docs.google.com/javax/xml/bind/JAXBContext.html#createBinder(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> domType)            Creates a Binder object that can be used for associative/in-place unmarshalling/marshalling. |
| | <A extends [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)>  A | | --- | | **Marshaller.**[**getAdapter**](http://docs.google.com/javax/xml/bind/Marshaller.html#getAdapter(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<A> type)            Gets the adapter associated with the specified type. |
| | <A extends [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)>  A | | --- | | **Unmarshaller.**[**getAdapter**](http://docs.google.com/javax/xml/bind/Unmarshaller.html#getAdapter(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<A> type)            Gets the adapter associated with the specified type. |
| static [JAXBContext](http://docs.google.com/javax/xml/bind/JAXBContext.html) | **JAXBContext.**[**newInstance**](http://docs.google.com/javax/xml/bind/JAXBContext.html#newInstance(java.lang.Class...))([Class](http://docs.google.com/java/lang/Class.html)... classesToBeBound)             Obtain a new instance of a JAXBContext class. |
| static [JAXBContext](http://docs.google.com/javax/xml/bind/JAXBContext.html) | **JAXBContext.**[**newInstance**](http://docs.google.com/javax/xml/bind/JAXBContext.html#newInstance(java.lang.Class%5B%5D,%20java.util.Map))([Class](http://docs.google.com/java/lang/Class.html)[] classesToBeBound, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),?> properties)             Obtain a new instance of a JAXBContext class. |
| | <A extends [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)>  void | | --- | | **Marshaller.**[**setAdapter**](http://docs.google.com/javax/xml/bind/Marshaller.html#setAdapter(java.lang.Class,%20A))([Class](http://docs.google.com/java/lang/Class.html)<A> type, A adapter)            Associates a configured instance of [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) with this marshaller. |
| | <A extends [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)>  void | | --- | | **Unmarshaller.**[**setAdapter**](http://docs.google.com/javax/xml/bind/Unmarshaller.html#setAdapter(java.lang.Class,%20A))([Class](http://docs.google.com/java/lang/Class.html)<A> type, A adapter)            Associates a configured instance of [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) with this unmarshaller. |
| | <T> [JAXBElement](http://docs.google.com/javax/xml/bind/JAXBElement.html)<T> | | --- | | **Unmarshaller.**[**unmarshal**](http://docs.google.com/javax/xml/bind/Unmarshaller.html#unmarshal(org.w3c.dom.Node,%20java.lang.Class))([Node](http://docs.google.com/org/w3c/dom/Node.html) node, [Class](http://docs.google.com/java/lang/Class.html)<T> declaredType)            Unmarshal XML data by JAXB mapped declaredType and return the resulting content tree. |
| | <T> [JAXBElement](http://docs.google.com/javax/xml/bind/JAXBElement.html)<T> | | --- | | **Unmarshaller.**[**unmarshal**](http://docs.google.com/javax/xml/bind/Unmarshaller.html#unmarshal(javax.xml.transform.Source,%20java.lang.Class))([Source](http://docs.google.com/javax/xml/transform/Source.html) source, [Class](http://docs.google.com/java/lang/Class.html)<T> declaredType)            Unmarshal XML data from the specified XML Source by declaredType and return the resulting content tree. |
| | <T> [JAXBElement](http://docs.google.com/javax/xml/bind/JAXBElement.html)<T> | | --- | | **Unmarshaller.**[**unmarshal**](http://docs.google.com/javax/xml/bind/Unmarshaller.html#unmarshal(javax.xml.stream.XMLEventReader,%20java.lang.Class))([XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) reader, [Class](http://docs.google.com/java/lang/Class.html)<T> declaredType)            Unmarshal root element to JAXB mapped declaredType and return the resulting content tree. |
| abstract   | <T> [JAXBElement](http://docs.google.com/javax/xml/bind/JAXBElement.html)<T> | | --- | | **Binder.**[**unmarshal**](http://docs.google.com/javax/xml/bind/Binder.html#unmarshal(XmlNode,%20java.lang.Class))([XmlNode](http://docs.google.com/javax/xml/bind/Binder.html) xmlNode, [Class](http://docs.google.com/java/lang/Class.html)<T> declaredType)            Unmarshal XML root element by provided declaredType to a JAXB object tree. |
| | <T> [JAXBElement](http://docs.google.com/javax/xml/bind/JAXBElement.html)<T> | | --- | | **Unmarshaller.**[**unmarshal**](http://docs.google.com/javax/xml/bind/Unmarshaller.html#unmarshal(javax.xml.stream.XMLStreamReader,%20java.lang.Class))([XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) reader, [Class](http://docs.google.com/java/lang/Class.html)<T> declaredType)            Unmarshal root element to JAXB mapped declaredType and return the resulting content tree. |

| Constructors in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [**JAXBElement**](http://docs.google.com/javax/xml/bind/JAXBElement.html#JAXBElement(javax.xml.namespace.QName,%20java.lang.Class,%20java.lang.Class,%20T))([QName](http://docs.google.com/javax/xml/namespace/QName.html) name, [Class](http://docs.google.com/java/lang/Class.html)<[T](http://docs.google.com/javax/xml/bind/JAXBElement.html)> declaredType, [Class](http://docs.google.com/java/lang/Class.html) scope, [T](http://docs.google.com/javax/xml/bind/JAXBElement.html) value)            Construct an xml element instance. |
| [**JAXBElement**](http://docs.google.com/javax/xml/bind/JAXBElement.html#JAXBElement(javax.xml.namespace.QName,%20java.lang.Class,%20java.lang.Class,%20T))([QName](http://docs.google.com/javax/xml/namespace/QName.html) name, [Class](http://docs.google.com/java/lang/Class.html)<[T](http://docs.google.com/javax/xml/bind/JAXBElement.html)> declaredType, [Class](http://docs.google.com/java/lang/Class.html) scope, [T](http://docs.google.com/javax/xml/bind/JAXBElement.html) value)            Construct an xml element instance. |
| [**JAXBElement**](http://docs.google.com/javax/xml/bind/JAXBElement.html#JAXBElement(javax.xml.namespace.QName,%20java.lang.Class,%20T))([QName](http://docs.google.com/javax/xml/namespace/QName.html) name, [Class](http://docs.google.com/java/lang/Class.html)<[T](http://docs.google.com/javax/xml/bind/JAXBElement.html)> declaredType, [T](http://docs.google.com/javax/xml/bind/JAXBElement.html) value)            Construct an xml element instance. |

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

| Methods in [javax.xml.bind.helpers](http://docs.google.com/javax/xml/bind/helpers/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| | <A extends [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)>  A | | --- | | **AbstractUnmarshallerImpl.**[**getAdapter**](http://docs.google.com/javax/xml/bind/helpers/AbstractUnmarshallerImpl.html#getAdapter(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<A> type) |
| | <A extends [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)>  A | | --- | | **AbstractMarshallerImpl.**[**getAdapter**](http://docs.google.com/javax/xml/bind/helpers/AbstractMarshallerImpl.html#getAdapter(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<A> type) |
| | <A extends [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)>  void | | --- | | **AbstractUnmarshallerImpl.**[**setAdapter**](http://docs.google.com/javax/xml/bind/helpers/AbstractUnmarshallerImpl.html#setAdapter(java.lang.Class,%20A))([Class](http://docs.google.com/java/lang/Class.html)<A> type, A adapter) |
| | <A extends [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html)>  void | | --- | | **AbstractMarshallerImpl.**[**setAdapter**](http://docs.google.com/javax/xml/bind/helpers/AbstractMarshallerImpl.html#setAdapter(java.lang.Class,%20A))([Class](http://docs.google.com/java/lang/Class.html)<A> type, A adapter) |
| | <T> [JAXBElement](http://docs.google.com/javax/xml/bind/JAXBElement.html)<T> | | --- | | **AbstractUnmarshallerImpl.**[**unmarshal**](http://docs.google.com/javax/xml/bind/helpers/AbstractUnmarshallerImpl.html#unmarshal(org.w3c.dom.Node,%20java.lang.Class))([Node](http://docs.google.com/org/w3c/dom/Node.html) node, [Class](http://docs.google.com/java/lang/Class.html)<T> expectedType) |
| | <T> [JAXBElement](http://docs.google.com/javax/xml/bind/JAXBElement.html)<T> | | --- | | **AbstractUnmarshallerImpl.**[**unmarshal**](http://docs.google.com/javax/xml/bind/helpers/AbstractUnmarshallerImpl.html#unmarshal(javax.xml.transform.Source,%20java.lang.Class))([Source](http://docs.google.com/javax/xml/transform/Source.html) source, [Class](http://docs.google.com/java/lang/Class.html)<T> expectedType) |
| | <T> [JAXBElement](http://docs.google.com/javax/xml/bind/JAXBElement.html)<T> | | --- | | **AbstractUnmarshallerImpl.**[**unmarshal**](http://docs.google.com/javax/xml/bind/helpers/AbstractUnmarshallerImpl.html#unmarshal(javax.xml.stream.XMLEventReader,%20java.lang.Class))([XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) reader, [Class](http://docs.google.com/java/lang/Class.html)<T> expectedType) |
| | <T> [JAXBElement](http://docs.google.com/javax/xml/bind/JAXBElement.html)<T> | | --- | | **AbstractUnmarshallerImpl.**[**unmarshal**](http://docs.google.com/javax/xml/bind/helpers/AbstractUnmarshallerImpl.html#unmarshal(javax.xml.stream.XMLStreamReader,%20java.lang.Class))([XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) reader, [Class](http://docs.google.com/java/lang/Class.html)<T> expectedType) |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [javax.xml.ws](http://docs.google.com/javax/xml/ws/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.ws](http://docs.google.com/javax/xml/ws/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| | <T> [Dispatch](http://docs.google.com/javax/xml/ws/Dispatch.html)<T> | | --- | | **Service.**[**createDispatch**](http://docs.google.com/javax/xml/ws/Service.html#createDispatch(javax.xml.namespace.QName,%20java.lang.Class,%20javax.xml.ws.Service.Mode))([QName](http://docs.google.com/javax/xml/namespace/QName.html) portName, [Class](http://docs.google.com/java/lang/Class.html)<T> type, [Service.Mode](http://docs.google.com/javax/xml/ws/Service.Mode.html) mode)            Creates a Dispatch instance for use with objects of the users choosing. |
| | <T> T | | --- | | **Service.**[**getPort**](http://docs.google.com/javax/xml/ws/Service.html#getPort(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> serviceEndpointInterface)            The getPort method returns a stub. |
| | <T> T | | --- | | **Service.**[**getPort**](http://docs.google.com/javax/xml/ws/Service.html#getPort(javax.xml.namespace.QName,%20java.lang.Class))([QName](http://docs.google.com/javax/xml/namespace/QName.html) portName, [Class](http://docs.google.com/java/lang/Class.html)<T> serviceEndpointInterface)            The getPort method returns a stub. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [javax.xml.ws.spi](http://docs.google.com/javax/xml/ws/spi/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.ws.spi](http://docs.google.com/javax/xml/ws/spi/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| abstract   | <T> [Dispatch](http://docs.google.com/javax/xml/ws/Dispatch.html)<T> | | --- | | **ServiceDelegate.**[**createDispatch**](http://docs.google.com/javax/xml/ws/spi/ServiceDelegate.html#createDispatch(javax.xml.namespace.QName,%20java.lang.Class,%20javax.xml.ws.Service.Mode))([QName](http://docs.google.com/javax/xml/namespace/QName.html) portName, [Class](http://docs.google.com/java/lang/Class.html)<T> type, [Service.Mode](http://docs.google.com/javax/xml/ws/Service.Mode.html) mode)            Creates a Dispatch instance for use with objects of the users choosing. |
| abstract  [ServiceDelegate](http://docs.google.com/javax/xml/ws/spi/ServiceDelegate.html) | **Provider.**[**createServiceDelegate**](http://docs.google.com/javax/xml/ws/spi/Provider.html#createServiceDelegate(java.net.URL,%20javax.xml.namespace.QName,%20java.lang.Class))([URL](http://docs.google.com/java/net/URL.html) wsdlDocumentLocation, [QName](http://docs.google.com/javax/xml/namespace/QName.html) serviceName, [Class](http://docs.google.com/java/lang/Class.html) serviceClass)            Creates a service delegate object. |
| abstract   | <T> T | | --- | | **ServiceDelegate.**[**getPort**](http://docs.google.com/javax/xml/ws/spi/ServiceDelegate.html#getPort(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> serviceEndpointInterface)            The getPort method returns a stub. |
| abstract   | <T> T | | --- | | **ServiceDelegate.**[**getPort**](http://docs.google.com/javax/xml/ws/spi/ServiceDelegate.html#getPort(javax.xml.namespace.QName,%20java.lang.Class))([QName](http://docs.google.com/javax/xml/namespace/QName.html) portName, [Class](http://docs.google.com/java/lang/Class.html)<T> serviceEndpointInterface)            The getPort method returns a stub. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [org.omg.CORBA](http://docs.google.com/org/omg/CORBA/package-summary.html) | |
| --- | --- |

| Methods in [org.omg.CORBA](http://docs.google.com/org/omg/CORBA/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [ServantObject](http://docs.google.com/org/omg/CORBA/portable/ServantObject.html) | **LocalObject.**[**\_servant\_preinvoke**](http://docs.google.com/org/omg/CORBA/LocalObject.html#_servant_preinvoke(java.lang.String,%20java.lang.Class))([String](http://docs.google.com/java/lang/String.html) operation, [Class](http://docs.google.com/java/lang/Class.html) expectedType)            Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [org.omg.CORBA\_2\_3.portable](http://docs.google.com/org/omg/CORBA_2_3/portable/package-summary.html) | |
| --- | --- |

| Methods in [org.omg.CORBA\_2\_3.portable](http://docs.google.com/org/omg/CORBA_2_3/portable/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | **InputStream.**[**read\_abstract\_interface**](http://docs.google.com/org/omg/CORBA_2_3/portable/InputStream.html#read_abstract_interface(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html) clz)            Unmarshal the class object or the stub class corresponding to the passed type. |
| [Serializable](http://docs.google.com/java/io/Serializable.html) | **InputStream.**[**read\_value**](http://docs.google.com/org/omg/CORBA_2_3/portable/InputStream.html#read_value(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html) clz)            Unmarshalls a value type from the input stream. |
| void | **OutputStream.**[**write\_value**](http://docs.google.com/org/omg/CORBA_2_3/portable/OutputStream.html#write_value(java.io.Serializable,%20java.lang.Class))([Serializable](http://docs.google.com/java/io/Serializable.html) value, [Class](http://docs.google.com/java/lang/Class.html) clz)            Marshals a value type to the output stream. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [org.omg.CORBA.portable](http://docs.google.com/org/omg/CORBA/portable/package-summary.html) | |
| --- | --- |

| Methods in [org.omg.CORBA.portable](http://docs.google.com/org/omg/CORBA/portable/package-summary.html) with parameters of type [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| [ServantObject](http://docs.google.com/org/omg/CORBA/portable/ServantObject.html) | **ObjectImpl.**[**\_servant\_preinvoke**](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_servant_preinvoke(java.lang.String,%20java.lang.Class))([String](http://docs.google.com/java/lang/String.html) operation, [Class](http://docs.google.com/java/lang/Class.html) expectedType)            Returns a Java reference to the local servant that should be used for sending a request for the method specified. |
| [Object](http://docs.google.com/org/omg/CORBA/Object.html) | **InputStream.**[**read\_Object**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_Object(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html) clz)            Unmarshals an object and returns a CORBA Object, which is an instance of the class passed as its argument. |
| [ServantObject](http://docs.google.com/org/omg/CORBA/portable/ServantObject.html) | **Delegate.**[**servant\_preinvoke**](http://docs.google.com/org/omg/CORBA/portable/Delegate.html#servant_preinvoke(org.omg.CORBA.Object,%20java.lang.String,%20java.lang.Class))([Object](http://docs.google.com/org/omg/CORBA/Object.html) self, [String](http://docs.google.com/java/lang/String.html) operation, [Class](http://docs.google.com/java/lang/Class.html) expectedType)            Returns a Java reference to the servant which should be used for this request. |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [org.omg.DynamicAny](http://docs.google.com/org/omg/DynamicAny/package-summary.html) | |
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| Fields in [org.omg.DynamicAny](http://docs.google.com/org/omg/DynamicAny/package-summary.html) declared as [Class](http://docs.google.com/java/lang/Class.html) | |
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| static [Class](http://docs.google.com/java/lang/Class.html) | **\_DynSequenceStub.**[**\_opsClass**](http://docs.google.com/org/omg/DynamicAny/_DynSequenceStub.html#_opsClass) |
| static [Class](http://docs.google.com/java/lang/Class.html) | **\_DynFixedStub.**[**\_opsClass**](http://docs.google.com/org/omg/DynamicAny/_DynFixedStub.html#_opsClass) |
| static [Class](http://docs.google.com/java/lang/Class.html) | **\_DynEnumStub.**[**\_opsClass**](http://docs.google.com/org/omg/DynamicAny/_DynEnumStub.html#_opsClass) |
| static [Class](http://docs.google.com/java/lang/Class.html) | **\_DynArrayStub.**[**\_opsClass**](http://docs.google.com/org/omg/DynamicAny/_DynArrayStub.html#_opsClass) |
| static [Class](http://docs.google.com/java/lang/Class.html) | **\_DynValueStub.**[**\_opsClass**](http://docs.google.com/org/omg/DynamicAny/_DynValueStub.html#_opsClass) |
| static [Class](http://docs.google.com/java/lang/Class.html) | **\_DynAnyStub.**[**\_opsClass**](http://docs.google.com/org/omg/DynamicAny/_DynAnyStub.html#_opsClass) |
| static [Class](http://docs.google.com/java/lang/Class.html) | **\_DynUnionStub.**[**\_opsClass**](http://docs.google.com/org/omg/DynamicAny/_DynUnionStub.html#_opsClass) |
| static [Class](http://docs.google.com/java/lang/Class.html) | **\_DynAnyFactoryStub.**[**\_opsClass**](http://docs.google.com/org/omg/DynamicAny/_DynAnyFactoryStub.html#_opsClass) |
| static [Class](http://docs.google.com/java/lang/Class.html) | **\_DynStructStub.**[**\_opsClass**](http://docs.google.com/org/omg/DynamicAny/_DynStructStub.html#_opsClass) |

| Uses of [Class](http://docs.google.com/java/lang/Class.html) in [org.omg.PortableServer](http://docs.google.com/org/omg/PortableServer/package-summary.html) | |
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| Fields in [org.omg.PortableServer](http://docs.google.com/org/omg/PortableServer/package-summary.html) declared as [Class](http://docs.google.com/java/lang/Class.html) | |
| --- | --- |
| static [Class](http://docs.google.com/java/lang/Class.html) | **\_ServantLocatorStub.**[**\_opsClass**](http://docs.google.com/org/omg/PortableServer/_ServantLocatorStub.html#_opsClass) |
| static [Class](http://docs.google.com/java/lang/Class.html) | **\_ServantActivatorStub.**[**\_opsClass**](http://docs.google.com/org/omg/PortableServer/_ServantActivatorStub.html#_opsClass) |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/lang/Class.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/lang//class-useClass.html)    [**NO FRAMES**](http://docs.google.com/Class.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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