| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | **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?javax/management/package-use.html)    [**NO FRAMES**](http://docs.google.com/package-use.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Package**

**javax.management**

| Packages that use [javax.management](http://docs.google.com/javax/management/package-summary.html) | |
| --- | --- |
| [**java.lang.management**](#3znysh7) | 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. |
| [**javax.management**](#2et92p0) | Provides the core classes for the Java Management Extensions. |
| [**javax.management.loading**](#tyjcwt) | Provides the classes which implement advanced dynamic loading. |
| [**javax.management.modelmbean**](#3dy6vkm) | Provides the definition of the ModelMBean classes. |
| [**javax.management.monitor**](#1t3h5sf) | Provides the definition of the monitor classes. |
| [**javax.management.openmbean**](#4d34og8) | Provides the open data types and Open MBean descriptor classes. |
| [**javax.management.relation**](#2s8eyo1) | Provides the definition of the Relation Service. |
| [**javax.management.remote**](#17dp8vu) | Interfaces for remote access to JMX MBean servers. |
| [**javax.management.remote.rmi**](#3rdcrjn) | The RMI connector is a connector for the JMX Remote API that uses RMI to transmit client requests to a remote MBean server. |
| [**javax.management.timer**](#26in1rg) | Provides the definition of the Timer MBean. |

| Classes in [javax.management](http://docs.google.com/javax/management/package-summary.html) used by [java.lang.management](http://docs.google.com/java/lang/management/package-summary.html) | |
| --- | --- |
| [**MBeanServer**](http://docs.google.com/javax/management/class-use/MBeanServer.html#java.lang.management)            This is the interface for MBean manipulation on the agent side. |
| [**MBeanServerConnection**](http://docs.google.com/javax/management/class-use/MBeanServerConnection.html#java.lang.management)            This interface represents a way to talk to an MBean server, whether local or remote. |

| Classes in [javax.management](http://docs.google.com/javax/management/package-summary.html) used by [javax.management](http://docs.google.com/javax/management/package-summary.html) | |
| --- | --- |
| [**Attribute**](http://docs.google.com/javax/management/class-use/Attribute.html#javax.management)            Represents an MBean attribute by associating its name with its value. |
| [**AttributeList**](http://docs.google.com/javax/management/class-use/AttributeList.html#javax.management)            Represents a list of values for attributes of an MBean. |
| [**AttributeNotFoundException**](http://docs.google.com/javax/management/class-use/AttributeNotFoundException.html#javax.management)            The specified attribute does not exist or cannot be retrieved. |
| [**AttributeValueExp**](http://docs.google.com/javax/management/class-use/AttributeValueExp.html#javax.management)            Represents attributes used as arguments to relational constraints. |
| [**BadAttributeValueExpException**](http://docs.google.com/javax/management/class-use/BadAttributeValueExpException.html#javax.management)            Thrown when an invalid MBean attribute is passed to a query constructing method. |
| [**BadBinaryOpValueExpException**](http://docs.google.com/javax/management/class-use/BadBinaryOpValueExpException.html#javax.management)            Thrown when an invalid expression is passed to a method for constructing a query. |
| [**BadStringOperationException**](http://docs.google.com/javax/management/class-use/BadStringOperationException.html#javax.management)            Thrown when an invalid string operation is passed to a method for constructing a query. |
| [**Descriptor**](http://docs.google.com/javax/management/class-use/Descriptor.html#javax.management)            Additional metadata for a JMX element. |
| [**DescriptorRead**](http://docs.google.com/javax/management/class-use/DescriptorRead.html#javax.management)            Interface to read the Descriptor of a management interface element such as an MBeanInfo. |
| [**DynamicMBean**](http://docs.google.com/javax/management/class-use/DynamicMBean.html#javax.management)            Defines the methods that should be implemented by a Dynamic MBean (MBean that exposes a dynamic management interface). |
| [**ImmutableDescriptor**](http://docs.google.com/javax/management/class-use/ImmutableDescriptor.html#javax.management)            An immutable descriptor. |
| [**InstanceAlreadyExistsException**](http://docs.google.com/javax/management/class-use/InstanceAlreadyExistsException.html#javax.management)            The MBean is already registered in the repository. |
| [**InstanceNotFoundException**](http://docs.google.com/javax/management/class-use/InstanceNotFoundException.html#javax.management)            The specified MBean does not exist in the repository. |
| [**IntrospectionException**](http://docs.google.com/javax/management/class-use/IntrospectionException.html#javax.management)            An exception occurred during the introspection of an MBean. |
| [**InvalidApplicationException**](http://docs.google.com/javax/management/class-use/InvalidApplicationException.html#javax.management)            Thrown when an attempt is made to apply either of the following: A subquery expression to an MBean or a qualified attribute expression to an MBean of the wrong class. |
| [**InvalidAttributeValueException**](http://docs.google.com/javax/management/class-use/InvalidAttributeValueException.html#javax.management)            The value specified is not valid for the attribute. |
| [**JMException**](http://docs.google.com/javax/management/class-use/JMException.html#javax.management)            Exceptions thrown by JMX implementations. |
| [**JMRuntimeException**](http://docs.google.com/javax/management/class-use/JMRuntimeException.html#javax.management)            Runtime exceptions emitted by JMX implementations. |
| [**ListenerNotFoundException**](http://docs.google.com/javax/management/class-use/ListenerNotFoundException.html#javax.management)            The specified MBean listener does not exist in the repository. |
| [**MalformedObjectNameException**](http://docs.google.com/javax/management/class-use/MalformedObjectNameException.html#javax.management)            The format of the string does not correspond to a valid ObjectName. |
| [**MBeanAttributeInfo**](http://docs.google.com/javax/management/class-use/MBeanAttributeInfo.html#javax.management)            Describes an MBean attribute exposed for management. |
| [**MBeanConstructorInfo**](http://docs.google.com/javax/management/class-use/MBeanConstructorInfo.html#javax.management)            Describes a constructor exposed by an MBean. |
| [**MBeanException**](http://docs.google.com/javax/management/class-use/MBeanException.html#javax.management)            Represents "user defined" exceptions thrown by MBean methods in the agent. |
| [**MBeanFeatureInfo**](http://docs.google.com/javax/management/class-use/MBeanFeatureInfo.html#javax.management)            Provides general information for an MBean descriptor object. |
| [**MBeanInfo**](http://docs.google.com/javax/management/class-use/MBeanInfo.html#javax.management)            Describes the management interface exposed by an MBean; that is, the set of attributes and operations which are available for management operations. |
| [**MBeanNotificationInfo**](http://docs.google.com/javax/management/class-use/MBeanNotificationInfo.html#javax.management)            The MBeanNotificationInfo class is used to describe the characteristics of the different notification instances emitted by an MBean, for a given Java class of notification. |
| [**MBeanOperationInfo**](http://docs.google.com/javax/management/class-use/MBeanOperationInfo.html#javax.management)            Describes a management operation exposed by an MBean. |
| [**MBeanParameterInfo**](http://docs.google.com/javax/management/class-use/MBeanParameterInfo.html#javax.management)            Describes an argument of an operation exposed by an MBean. |
| [**MBeanRegistration**](http://docs.google.com/javax/management/class-use/MBeanRegistration.html#javax.management)            Can be implemented by an MBean in order to carry out operations before and after being registered or unregistered from the MBean server. |
| [**MBeanRegistrationException**](http://docs.google.com/javax/management/class-use/MBeanRegistrationException.html#javax.management)            Wraps exceptions thrown by the preRegister(), preDeregister() methods of the MBeanRegistration interface. |
| [**MBeanServer**](http://docs.google.com/javax/management/class-use/MBeanServer.html#javax.management)            This is the interface for MBean manipulation on the agent side. |
| [**MBeanServerConnection**](http://docs.google.com/javax/management/class-use/MBeanServerConnection.html#javax.management)            This interface represents a way to talk to an MBean server, whether local or remote. |
| [**MBeanServerDelegate**](http://docs.google.com/javax/management/class-use/MBeanServerDelegate.html#javax.management)            Represents the MBean server from the management point of view. |
| [**MBeanServerDelegateMBean**](http://docs.google.com/javax/management/class-use/MBeanServerDelegateMBean.html#javax.management)            Defines the management interface of an object of class MBeanServerDelegate. |
| [**NotCompliantMBeanException**](http://docs.google.com/javax/management/class-use/NotCompliantMBeanException.html#javax.management)            Exception which occurs when trying to register an object in the MBean server that is not a JMX compliant MBean. |
| [**Notification**](http://docs.google.com/javax/management/class-use/Notification.html#javax.management)            The Notification class represents a notification emitted by an MBean. |
| [**NotificationBroadcaster**](http://docs.google.com/javax/management/class-use/NotificationBroadcaster.html#javax.management)            Interface implemented by an MBean that emits Notifications. |
| [**NotificationEmitter**](http://docs.google.com/javax/management/class-use/NotificationEmitter.html#javax.management)            Interface implemented by an MBean that emits Notifications. |
| [**NotificationFilter**](http://docs.google.com/javax/management/class-use/NotificationFilter.html#javax.management)            To be implemented by a any class acting as a notification filter. |
| [**NotificationListener**](http://docs.google.com/javax/management/class-use/NotificationListener.html#javax.management)            Should be implemented by an object that wants to receive notifications. |
| [**ObjectInstance**](http://docs.google.com/javax/management/class-use/ObjectInstance.html#javax.management)            Used to represent the object name of an MBean and its class name. |
| [**ObjectName**](http://docs.google.com/javax/management/class-use/ObjectName.html#javax.management)            Represents the object name of an MBean, or a pattern that can match the names of several MBeans. |
| [**OperationsException**](http://docs.google.com/javax/management/class-use/OperationsException.html#javax.management)            Represents exceptions thrown in the MBean server when performing operations on MBeans. |
| [**QueryExp**](http://docs.google.com/javax/management/class-use/QueryExp.html#javax.management)            Represents relational constraints that can be used in database query "where clauses". |
| [**ReflectionException**](http://docs.google.com/javax/management/class-use/ReflectionException.html#javax.management)            Represents exceptions thrown in the MBean server when using the java.lang.reflect classes to invoke methods on MBeans. |
| [**RuntimeOperationsException**](http://docs.google.com/javax/management/class-use/RuntimeOperationsException.html#javax.management)            Represents runtime exceptions thrown in the agent when performing operations on MBeans. |
| [**StandardMBean**](http://docs.google.com/javax/management/class-use/StandardMBean.html#javax.management)            An MBean whose management interface is determined by reflection on a Java interface. |
| [**StringValueExp**](http://docs.google.com/javax/management/class-use/StringValueExp.html#javax.management)            Represents strings that are arguments to relational constraints. |
| [**ValueExp**](http://docs.google.com/javax/management/class-use/ValueExp.html#javax.management)            Represents values that can be passed as arguments to relational expressions. |

| Classes in [javax.management](http://docs.google.com/javax/management/package-summary.html) used by [javax.management.loading](http://docs.google.com/javax/management/loading/package-summary.html) | |
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| [**MBeanRegistration**](http://docs.google.com/javax/management/class-use/MBeanRegistration.html#javax.management.loading)            Can be implemented by an MBean in order to carry out operations before and after being registered or unregistered from the MBean server. |
| [**MBeanServer**](http://docs.google.com/javax/management/class-use/MBeanServer.html#javax.management.loading)            This is the interface for MBean manipulation on the agent side. |
| [**ObjectName**](http://docs.google.com/javax/management/class-use/ObjectName.html#javax.management.loading)            Represents the object name of an MBean, or a pattern that can match the names of several MBeans. |
| [**ServiceNotFoundException**](http://docs.google.com/javax/management/class-use/ServiceNotFoundException.html#javax.management.loading)            Represents exceptions raised when a requested service is not supported. |

| Classes in [javax.management](http://docs.google.com/javax/management/package-summary.html) used by [javax.management.modelmbean](http://docs.google.com/javax/management/modelmbean/package-summary.html) | |
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| [**Attribute**](http://docs.google.com/javax/management/class-use/Attribute.html#javax.management.modelmbean)            Represents an MBean attribute by associating its name with its value. |
| [**AttributeChangeNotification**](http://docs.google.com/javax/management/class-use/AttributeChangeNotification.html#javax.management.modelmbean)            Provides definitions of the attribute change notifications sent by MBeans. |
| [**AttributeList**](http://docs.google.com/javax/management/class-use/AttributeList.html#javax.management.modelmbean)            Represents a list of values for attributes of an MBean. |
| [**AttributeNotFoundException**](http://docs.google.com/javax/management/class-use/AttributeNotFoundException.html#javax.management.modelmbean)            The specified attribute does not exist or cannot be retrieved. |
| [**Descriptor**](http://docs.google.com/javax/management/class-use/Descriptor.html#javax.management.modelmbean)            Additional metadata for a JMX element. |
| [**DescriptorAccess**](http://docs.google.com/javax/management/class-use/DescriptorAccess.html#javax.management.modelmbean)            This interface is used to gain access to descriptors of the Descriptor class which are associated with a JMX component, i.e. |
| [**DescriptorRead**](http://docs.google.com/javax/management/class-use/DescriptorRead.html#javax.management.modelmbean)            Interface to read the Descriptor of a management interface element such as an MBeanInfo. |
| [**DynamicMBean**](http://docs.google.com/javax/management/class-use/DynamicMBean.html#javax.management.modelmbean)            Defines the methods that should be implemented by a Dynamic MBean (MBean that exposes a dynamic management interface). |
| [**InstanceNotFoundException**](http://docs.google.com/javax/management/class-use/InstanceNotFoundException.html#javax.management.modelmbean)            The specified MBean does not exist in the repository. |
| [**IntrospectionException**](http://docs.google.com/javax/management/class-use/IntrospectionException.html#javax.management.modelmbean)            An exception occurred during the introspection of an MBean. |
| [**InvalidAttributeValueException**](http://docs.google.com/javax/management/class-use/InvalidAttributeValueException.html#javax.management.modelmbean)            The value specified is not valid for the attribute. |
| [**ListenerNotFoundException**](http://docs.google.com/javax/management/class-use/ListenerNotFoundException.html#javax.management.modelmbean)            The specified MBean listener does not exist in the repository. |
| [**MBeanAttributeInfo**](http://docs.google.com/javax/management/class-use/MBeanAttributeInfo.html#javax.management.modelmbean)            Describes an MBean attribute exposed for management. |
| [**MBeanConstructorInfo**](http://docs.google.com/javax/management/class-use/MBeanConstructorInfo.html#javax.management.modelmbean)            Describes a constructor exposed by an MBean. |
| [**MBeanException**](http://docs.google.com/javax/management/class-use/MBeanException.html#javax.management.modelmbean)            Represents "user defined" exceptions thrown by MBean methods in the agent. |
| [**MBeanFeatureInfo**](http://docs.google.com/javax/management/class-use/MBeanFeatureInfo.html#javax.management.modelmbean)            Provides general information for an MBean descriptor object. |
| [**MBeanInfo**](http://docs.google.com/javax/management/class-use/MBeanInfo.html#javax.management.modelmbean)            Describes the management interface exposed by an MBean; that is, the set of attributes and operations which are available for management operations. |
| [**MBeanNotificationInfo**](http://docs.google.com/javax/management/class-use/MBeanNotificationInfo.html#javax.management.modelmbean)            The MBeanNotificationInfo class is used to describe the characteristics of the different notification instances emitted by an MBean, for a given Java class of notification. |
| [**MBeanOperationInfo**](http://docs.google.com/javax/management/class-use/MBeanOperationInfo.html#javax.management.modelmbean)            Describes a management operation exposed by an MBean. |
| [**MBeanParameterInfo**](http://docs.google.com/javax/management/class-use/MBeanParameterInfo.html#javax.management.modelmbean)            Describes an argument of an operation exposed by an MBean. |
| [**MBeanRegistration**](http://docs.google.com/javax/management/class-use/MBeanRegistration.html#javax.management.modelmbean)            Can be implemented by an MBean in order to carry out operations before and after being registered or unregistered from the MBean server. |
| [**MBeanServer**](http://docs.google.com/javax/management/class-use/MBeanServer.html#javax.management.modelmbean)            This is the interface for MBean manipulation on the agent side. |
| [**Notification**](http://docs.google.com/javax/management/class-use/Notification.html#javax.management.modelmbean)            The Notification class represents a notification emitted by an MBean. |
| [**NotificationBroadcaster**](http://docs.google.com/javax/management/class-use/NotificationBroadcaster.html#javax.management.modelmbean)            Interface implemented by an MBean that emits Notifications. |
| [**NotificationEmitter**](http://docs.google.com/javax/management/class-use/NotificationEmitter.html#javax.management.modelmbean)            Interface implemented by an MBean that emits Notifications. |
| [**NotificationFilter**](http://docs.google.com/javax/management/class-use/NotificationFilter.html#javax.management.modelmbean)            To be implemented by a any class acting as a notification filter. |
| [**NotificationListener**](http://docs.google.com/javax/management/class-use/NotificationListener.html#javax.management.modelmbean)            Should be implemented by an object that wants to receive notifications. |
| [**ObjectName**](http://docs.google.com/javax/management/class-use/ObjectName.html#javax.management.modelmbean)            Represents the object name of an MBean, or a pattern that can match the names of several MBeans. |
| [**PersistentMBean**](http://docs.google.com/javax/management/class-use/PersistentMBean.html#javax.management.modelmbean)            This class is the interface to be implemented by MBeans that are meant to be persistent. |
| [**ReflectionException**](http://docs.google.com/javax/management/class-use/ReflectionException.html#javax.management.modelmbean)            Represents exceptions thrown in the MBean server when using the java.lang.reflect classes to invoke methods on MBeans. |
| [**RuntimeOperationsException**](http://docs.google.com/javax/management/class-use/RuntimeOperationsException.html#javax.management.modelmbean)            Represents runtime exceptions thrown in the agent when performing operations on MBeans. |

| Classes in [javax.management](http://docs.google.com/javax/management/package-summary.html) used by [javax.management.monitor](http://docs.google.com/javax/management/monitor/package-summary.html) | |
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| [**JMRuntimeException**](http://docs.google.com/javax/management/class-use/JMRuntimeException.html#javax.management.monitor)            Runtime exceptions emitted by JMX implementations. |
| [**MBeanNotificationInfo**](http://docs.google.com/javax/management/class-use/MBeanNotificationInfo.html#javax.management.monitor)            The MBeanNotificationInfo class is used to describe the characteristics of the different notification instances emitted by an MBean, for a given Java class of notification. |
| [**MBeanRegistration**](http://docs.google.com/javax/management/class-use/MBeanRegistration.html#javax.management.monitor)            Can be implemented by an MBean in order to carry out operations before and after being registered or unregistered from the MBean server. |
| [**MBeanServer**](http://docs.google.com/javax/management/class-use/MBeanServer.html#javax.management.monitor)            This is the interface for MBean manipulation on the agent side. |
| [**Notification**](http://docs.google.com/javax/management/class-use/Notification.html#javax.management.monitor)            The Notification class represents a notification emitted by an MBean. |
| [**NotificationBroadcaster**](http://docs.google.com/javax/management/class-use/NotificationBroadcaster.html#javax.management.monitor)            Interface implemented by an MBean that emits Notifications. |
| [**NotificationBroadcasterSupport**](http://docs.google.com/javax/management/class-use/NotificationBroadcasterSupport.html#javax.management.monitor)            Provides an implementation of [NotificationEmitter](http://docs.google.com/javax/management/NotificationEmitter.html) interface. |
| [**NotificationEmitter**](http://docs.google.com/javax/management/class-use/NotificationEmitter.html#javax.management.monitor)            Interface implemented by an MBean that emits Notifications. |
| [**ObjectName**](http://docs.google.com/javax/management/class-use/ObjectName.html#javax.management.monitor)            Represents the object name of an MBean, or a pattern that can match the names of several MBeans. |

| Classes in [javax.management](http://docs.google.com/javax/management/package-summary.html) used by [javax.management.openmbean](http://docs.google.com/javax/management/openmbean/package-summary.html) | |
| --- | --- |
| [**Descriptor**](http://docs.google.com/javax/management/class-use/Descriptor.html#javax.management.openmbean)            Additional metadata for a JMX element. |
| [**DescriptorRead**](http://docs.google.com/javax/management/class-use/DescriptorRead.html#javax.management.openmbean)            Interface to read the Descriptor of a management interface element such as an MBeanInfo. |
| [**JMException**](http://docs.google.com/javax/management/class-use/JMException.html#javax.management.openmbean)            Exceptions thrown by JMX implementations. |
| [**MBeanAttributeInfo**](http://docs.google.com/javax/management/class-use/MBeanAttributeInfo.html#javax.management.openmbean)            Describes an MBean attribute exposed for management. |
| [**MBeanConstructorInfo**](http://docs.google.com/javax/management/class-use/MBeanConstructorInfo.html#javax.management.openmbean)            Describes a constructor exposed by an MBean. |
| [**MBeanFeatureInfo**](http://docs.google.com/javax/management/class-use/MBeanFeatureInfo.html#javax.management.openmbean)            Provides general information for an MBean descriptor object. |
| [**MBeanInfo**](http://docs.google.com/javax/management/class-use/MBeanInfo.html#javax.management.openmbean)            Describes the management interface exposed by an MBean; that is, the set of attributes and operations which are available for management operations. |
| [**MBeanNotificationInfo**](http://docs.google.com/javax/management/class-use/MBeanNotificationInfo.html#javax.management.openmbean)            The MBeanNotificationInfo class is used to describe the characteristics of the different notification instances emitted by an MBean, for a given Java class of notification. |
| [**MBeanOperationInfo**](http://docs.google.com/javax/management/class-use/MBeanOperationInfo.html#javax.management.openmbean)            Describes a management operation exposed by an MBean. |
| [**MBeanParameterInfo**](http://docs.google.com/javax/management/class-use/MBeanParameterInfo.html#javax.management.openmbean)            Describes an argument of an operation exposed by an MBean. |
| [**ObjectName**](http://docs.google.com/javax/management/class-use/ObjectName.html#javax.management.openmbean)            Represents the object name of an MBean, or a pattern that can match the names of several MBeans. |

| Classes in [javax.management](http://docs.google.com/javax/management/package-summary.html) used by [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html) | |
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| [**InstanceNotFoundException**](http://docs.google.com/javax/management/class-use/InstanceNotFoundException.html#javax.management.relation)            The specified MBean does not exist in the repository. |
| [**JMException**](http://docs.google.com/javax/management/class-use/JMException.html#javax.management.relation)            Exceptions thrown by JMX implementations. |
| [**MBeanNotificationInfo**](http://docs.google.com/javax/management/class-use/MBeanNotificationInfo.html#javax.management.relation)            The MBeanNotificationInfo class is used to describe the characteristics of the different notification instances emitted by an MBean, for a given Java class of notification. |
| [**MBeanRegistration**](http://docs.google.com/javax/management/class-use/MBeanRegistration.html#javax.management.relation)            Can be implemented by an MBean in order to carry out operations before and after being registered or unregistered from the MBean server. |
| [**MBeanServer**](http://docs.google.com/javax/management/class-use/MBeanServer.html#javax.management.relation)            This is the interface for MBean manipulation on the agent side. |
| [**NotCompliantMBeanException**](http://docs.google.com/javax/management/class-use/NotCompliantMBeanException.html#javax.management.relation)            Exception which occurs when trying to register an object in the MBean server that is not a JMX compliant MBean. |
| [**Notification**](http://docs.google.com/javax/management/class-use/Notification.html#javax.management.relation)            The Notification class represents a notification emitted by an MBean. |
| [**NotificationBroadcaster**](http://docs.google.com/javax/management/class-use/NotificationBroadcaster.html#javax.management.relation)            Interface implemented by an MBean that emits Notifications. |
| [**NotificationBroadcasterSupport**](http://docs.google.com/javax/management/class-use/NotificationBroadcasterSupport.html#javax.management.relation)            Provides an implementation of [NotificationEmitter](http://docs.google.com/javax/management/NotificationEmitter.html) interface. |
| [**NotificationEmitter**](http://docs.google.com/javax/management/class-use/NotificationEmitter.html#javax.management.relation)            Interface implemented by an MBean that emits Notifications. |
| [**NotificationFilter**](http://docs.google.com/javax/management/class-use/NotificationFilter.html#javax.management.relation)            To be implemented by a any class acting as a notification filter. |
| [**NotificationFilterSupport**](http://docs.google.com/javax/management/class-use/NotificationFilterSupport.html#javax.management.relation)            Provides an implementation of the [NotificationFilter](http://docs.google.com/javax/management/NotificationFilter.html) interface. |
| [**NotificationListener**](http://docs.google.com/javax/management/class-use/NotificationListener.html#javax.management.relation)            Should be implemented by an object that wants to receive notifications. |
| [**ObjectName**](http://docs.google.com/javax/management/class-use/ObjectName.html#javax.management.relation)            Represents the object name of an MBean, or a pattern that can match the names of several MBeans. |

| Classes in [javax.management](http://docs.google.com/javax/management/package-summary.html) used by [javax.management.remote](http://docs.google.com/javax/management/remote/package-summary.html) | |
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| [**ListenerNotFoundException**](http://docs.google.com/javax/management/class-use/ListenerNotFoundException.html#javax.management.remote)            The specified MBean listener does not exist in the repository. |
| [**MBeanNotificationInfo**](http://docs.google.com/javax/management/class-use/MBeanNotificationInfo.html#javax.management.remote)            The MBeanNotificationInfo class is used to describe the characteristics of the different notification instances emitted by an MBean, for a given Java class of notification. |
| [**MBeanRegistration**](http://docs.google.com/javax/management/class-use/MBeanRegistration.html#javax.management.remote)            Can be implemented by an MBean in order to carry out operations before and after being registered or unregistered from the MBean server. |
| [**MBeanServer**](http://docs.google.com/javax/management/class-use/MBeanServer.html#javax.management.remote)            This is the interface for MBean manipulation on the agent side. |
| [**MBeanServerConnection**](http://docs.google.com/javax/management/class-use/MBeanServerConnection.html#javax.management.remote)            This interface represents a way to talk to an MBean server, whether local or remote. |
| [**Notification**](http://docs.google.com/javax/management/class-use/Notification.html#javax.management.remote)            The Notification class represents a notification emitted by an MBean. |
| [**NotificationBroadcaster**](http://docs.google.com/javax/management/class-use/NotificationBroadcaster.html#javax.management.remote)            Interface implemented by an MBean that emits Notifications. |
| [**NotificationBroadcasterSupport**](http://docs.google.com/javax/management/class-use/NotificationBroadcasterSupport.html#javax.management.remote)            Provides an implementation of [NotificationEmitter](http://docs.google.com/javax/management/NotificationEmitter.html) interface. |
| [**NotificationEmitter**](http://docs.google.com/javax/management/class-use/NotificationEmitter.html#javax.management.remote)            Interface implemented by an MBean that emits Notifications. |
| [**NotificationFilter**](http://docs.google.com/javax/management/class-use/NotificationFilter.html#javax.management.remote)            To be implemented by a any class acting as a notification filter. |
| [**NotificationListener**](http://docs.google.com/javax/management/class-use/NotificationListener.html#javax.management.remote)            Should be implemented by an object that wants to receive notifications. |
| [**ObjectName**](http://docs.google.com/javax/management/class-use/ObjectName.html#javax.management.remote)            Represents the object name of an MBean, or a pattern that can match the names of several MBeans. |

| Classes in [javax.management](http://docs.google.com/javax/management/package-summary.html) used by [javax.management.remote.rmi](http://docs.google.com/javax/management/remote/rmi/package-summary.html) | |
| --- | --- |
| [**AttributeList**](http://docs.google.com/javax/management/class-use/AttributeList.html#javax.management.remote.rmi)            Represents a list of values for attributes of an MBean. |
| [**AttributeNotFoundException**](http://docs.google.com/javax/management/class-use/AttributeNotFoundException.html#javax.management.remote.rmi)            The specified attribute does not exist or cannot be retrieved. |
| [**InstanceAlreadyExistsException**](http://docs.google.com/javax/management/class-use/InstanceAlreadyExistsException.html#javax.management.remote.rmi)            The MBean is already registered in the repository. |
| [**InstanceNotFoundException**](http://docs.google.com/javax/management/class-use/InstanceNotFoundException.html#javax.management.remote.rmi)            The specified MBean does not exist in the repository. |
| [**IntrospectionException**](http://docs.google.com/javax/management/class-use/IntrospectionException.html#javax.management.remote.rmi)            An exception occurred during the introspection of an MBean. |
| [**InvalidAttributeValueException**](http://docs.google.com/javax/management/class-use/InvalidAttributeValueException.html#javax.management.remote.rmi)            The value specified is not valid for the attribute. |
| [**ListenerNotFoundException**](http://docs.google.com/javax/management/class-use/ListenerNotFoundException.html#javax.management.remote.rmi)            The specified MBean listener does not exist in the repository. |
| [**MBeanException**](http://docs.google.com/javax/management/class-use/MBeanException.html#javax.management.remote.rmi)            Represents "user defined" exceptions thrown by MBean methods in the agent. |
| [**MBeanInfo**](http://docs.google.com/javax/management/class-use/MBeanInfo.html#javax.management.remote.rmi)            Describes the management interface exposed by an MBean; that is, the set of attributes and operations which are available for management operations. |
| [**MBeanRegistration**](http://docs.google.com/javax/management/class-use/MBeanRegistration.html#javax.management.remote.rmi)            Can be implemented by an MBean in order to carry out operations before and after being registered or unregistered from the MBean server. |
| [**MBeanRegistrationException**](http://docs.google.com/javax/management/class-use/MBeanRegistrationException.html#javax.management.remote.rmi)            Wraps exceptions thrown by the preRegister(), preDeregister() methods of the MBeanRegistration interface. |
| [**MBeanServer**](http://docs.google.com/javax/management/class-use/MBeanServer.html#javax.management.remote.rmi)            This is the interface for MBean manipulation on the agent side. |
| [**MBeanServerConnection**](http://docs.google.com/javax/management/class-use/MBeanServerConnection.html#javax.management.remote.rmi)            This interface represents a way to talk to an MBean server, whether local or remote. |
| [**NotCompliantMBeanException**](http://docs.google.com/javax/management/class-use/NotCompliantMBeanException.html#javax.management.remote.rmi)            Exception which occurs when trying to register an object in the MBean server that is not a JMX compliant MBean. |
| [**NotificationBroadcaster**](http://docs.google.com/javax/management/class-use/NotificationBroadcaster.html#javax.management.remote.rmi)            Interface implemented by an MBean that emits Notifications. |
| [**NotificationBroadcasterSupport**](http://docs.google.com/javax/management/class-use/NotificationBroadcasterSupport.html#javax.management.remote.rmi)            Provides an implementation of [NotificationEmitter](http://docs.google.com/javax/management/NotificationEmitter.html) interface. |
| [**NotificationEmitter**](http://docs.google.com/javax/management/class-use/NotificationEmitter.html#javax.management.remote.rmi)            Interface implemented by an MBean that emits Notifications. |
| [**NotificationFilter**](http://docs.google.com/javax/management/class-use/NotificationFilter.html#javax.management.remote.rmi)            To be implemented by a any class acting as a notification filter. |
| [**NotificationListener**](http://docs.google.com/javax/management/class-use/NotificationListener.html#javax.management.remote.rmi)            Should be implemented by an object that wants to receive notifications. |
| [**ObjectInstance**](http://docs.google.com/javax/management/class-use/ObjectInstance.html#javax.management.remote.rmi)            Used to represent the object name of an MBean and its class name. |
| [**ObjectName**](http://docs.google.com/javax/management/class-use/ObjectName.html#javax.management.remote.rmi)            Represents the object name of an MBean, or a pattern that can match the names of several MBeans. |
| [**ReflectionException**](http://docs.google.com/javax/management/class-use/ReflectionException.html#javax.management.remote.rmi)            Represents exceptions thrown in the MBean server when using the java.lang.reflect classes to invoke methods on MBeans. |

| Classes in [javax.management](http://docs.google.com/javax/management/package-summary.html) used by [javax.management.timer](http://docs.google.com/javax/management/timer/package-summary.html) | |
| --- | --- |
| [**InstanceNotFoundException**](http://docs.google.com/javax/management/class-use/InstanceNotFoundException.html#javax.management.timer)            The specified MBean does not exist in the repository. |
| [**MBeanNotificationInfo**](http://docs.google.com/javax/management/class-use/MBeanNotificationInfo.html#javax.management.timer)            The MBeanNotificationInfo class is used to describe the characteristics of the different notification instances emitted by an MBean, for a given Java class of notification. |
| [**MBeanRegistration**](http://docs.google.com/javax/management/class-use/MBeanRegistration.html#javax.management.timer)            Can be implemented by an MBean in order to carry out operations before and after being registered or unregistered from the MBean server. |
| [**MBeanServer**](http://docs.google.com/javax/management/class-use/MBeanServer.html#javax.management.timer)            This is the interface for MBean manipulation on the agent side. |
| [**Notification**](http://docs.google.com/javax/management/class-use/Notification.html#javax.management.timer)            The Notification class represents a notification emitted by an MBean. |
| [**NotificationBroadcaster**](http://docs.google.com/javax/management/class-use/NotificationBroadcaster.html#javax.management.timer)            Interface implemented by an MBean that emits Notifications. |
| [**NotificationBroadcasterSupport**](http://docs.google.com/javax/management/class-use/NotificationBroadcasterSupport.html#javax.management.timer)            Provides an implementation of [NotificationEmitter](http://docs.google.com/javax/management/NotificationEmitter.html) interface. |
| [**NotificationEmitter**](http://docs.google.com/javax/management/class-use/NotificationEmitter.html#javax.management.timer)            Interface implemented by an MBean that emits Notifications. |
| [**ObjectName**](http://docs.google.com/javax/management/class-use/ObjectName.html#javax.management.timer)            Represents the object name of an MBean, or a pattern that can match the names of several MBeans. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | **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?javax/management/package-use.html)    [**NO FRAMES**](http://docs.google.com/package-use.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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