| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MBeanServerNotification.html) | [**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 CLASS**](http://docs.google.com/javax/management/MBeanServerInvocationHandler.html)   [**NEXT CLASS**](http://docs.google.com/javax/management/MBeanServerPermission.html) | [**FRAMES**](http://docs.google.com/index.html?javax/management/MBeanServerNotification.html)    [**NO FRAMES**](http://docs.google.com/MBeanServerNotification.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#17dp8vu) | [CONSTR](#lnxbz9) | [METHOD](#1ksv4uv) |

## **javax.management**

Class MBeanServerNotification

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.util.EventObject](http://docs.google.com/java/util/EventObject.html)  
 [javax.management.Notification](http://docs.google.com/javax/management/Notification.html)  
 **javax.management.MBeanServerNotification**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html)

public class **MBeanServerNotification**extends [Notification](http://docs.google.com/javax/management/Notification.html)

Represents a notification emitted by the MBean server through the MBeanServerDelegate MBean. The MBean Server emits the following types of notifications: MBean registration, MBean de-registration.

To receive to MBeanServerNotifications, you need to be declared as listener to the [javax.management.MBeanServerDelegate](http://docs.google.com/javax/management/MBeanServerDelegate.html) MBean that represents the MBeanServer. The ObjectName of the MBeanServerDelegate is: JMImplementation:type=MBeanServerDelegate.

**Since:** 1.5 **See Also:**[Serialized Form](http://docs.google.com/serialized-form.html#javax.management.MBeanServerNotification)

| **Field Summary** | |
| --- | --- |
| static [String](http://docs.google.com/java/lang/String.html) | [**REGISTRATION\_NOTIFICATION**](http://docs.google.com/javax/management/MBeanServerNotification.html#REGISTRATION_NOTIFICATION)            Notification type denoting that an MBean has been registered. |
| static [String](http://docs.google.com/java/lang/String.html) | [**UNREGISTRATION\_NOTIFICATION**](http://docs.google.com/javax/management/MBeanServerNotification.html#UNREGISTRATION_NOTIFICATION)            Notification type denoting that an MBean has been unregistered. |

| **Fields inherited from class javax.management.**[**Notification**](http://docs.google.com/javax/management/Notification.html) |
| --- |
| [source](http://docs.google.com/javax/management/Notification.html#source) |

| **Constructor Summary** | |
| --- | --- |
| [**MBeanServerNotification**](http://docs.google.com/javax/management/MBeanServerNotification.html#MBeanServerNotification(java.lang.String,%20java.lang.Object,%20long,%20javax.management.ObjectName))([String](http://docs.google.com/java/lang/String.html) type, [Object](http://docs.google.com/java/lang/Object.html) source, long sequenceNumber, [ObjectName](http://docs.google.com/javax/management/ObjectName.html) objectName)            Creates an MBeanServerNotification object specifying object names of the MBeans that caused the notification and the specified notification type. |

| **Method Summary** | |
| --- | --- |
| [ObjectName](http://docs.google.com/javax/management/ObjectName.html) | [**getMBeanName**](http://docs.google.com/javax/management/MBeanServerNotification.html#getMBeanName())()            Returns the object name of the MBean that caused the notification. |

| **Methods inherited from class javax.management.**[**Notification**](http://docs.google.com/javax/management/Notification.html) |
| --- |
| [getMessage](http://docs.google.com/javax/management/Notification.html#getMessage()), [getSequenceNumber](http://docs.google.com/javax/management/Notification.html#getSequenceNumber()), [getTimeStamp](http://docs.google.com/javax/management/Notification.html#getTimeStamp()), [getType](http://docs.google.com/javax/management/Notification.html#getType()), [getUserData](http://docs.google.com/javax/management/Notification.html#getUserData()), [setSequenceNumber](http://docs.google.com/javax/management/Notification.html#setSequenceNumber(long)), [setSource](http://docs.google.com/javax/management/Notification.html#setSource(java.lang.Object)), [setTimeStamp](http://docs.google.com/javax/management/Notification.html#setTimeStamp(long)), [setUserData](http://docs.google.com/javax/management/Notification.html#setUserData(java.lang.Object)), [toString](http://docs.google.com/javax/management/Notification.html#toString()) |

| **Methods inherited from class java.util.**[**EventObject**](http://docs.google.com/java/util/EventObject.html) |
| --- |
| [getSource](http://docs.google.com/java/util/EventObject.html#getSource()) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Field Detail** |
| --- |

### REGISTRATION\_NOTIFICATION

public static final [String](http://docs.google.com/java/lang/String.html) **REGISTRATION\_NOTIFICATION**

Notification type denoting that an MBean has been registered. Value is "JMX.mbean.registered".

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.management.MBeanServerNotification.REGISTRATION_NOTIFICATION)

### UNREGISTRATION\_NOTIFICATION

public static final [String](http://docs.google.com/java/lang/String.html) **UNREGISTRATION\_NOTIFICATION**

Notification type denoting that an MBean has been unregistered. Value is "JMX.mbean.unregistered".

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.management.MBeanServerNotification.UNREGISTRATION_NOTIFICATION)

| **Constructor Detail** |
| --- |

### MBeanServerNotification

public **MBeanServerNotification**([String](http://docs.google.com/java/lang/String.html) type,  
 [Object](http://docs.google.com/java/lang/Object.html) source,  
 long sequenceNumber,  
 [ObjectName](http://docs.google.com/javax/management/ObjectName.html) objectName)

Creates an MBeanServerNotification object specifying object names of the MBeans that caused the notification and the specified notification type.

**Parameters:**type - A string denoting the type of the notification. Set it to one these values: [REGISTRATION\_NOTIFICATION](http://docs.google.com/javax/management/MBeanServerNotification.html#REGISTRATION_NOTIFICATION), [UNREGISTRATION\_NOTIFICATION](http://docs.google.com/javax/management/MBeanServerNotification.html#UNREGISTRATION_NOTIFICATION).source - The MBeanServerNotification object responsible for forwarding MBean server notification.sequenceNumber - A sequence number that can be used to order received notifications.objectName - The object name of the MBean that caused the notification.

| **Method Detail** |
| --- |

### getMBeanName

public [ObjectName](http://docs.google.com/javax/management/ObjectName.html) **getMBeanName**()

Returns the object name of the MBean that caused the notification.

**Returns:**the object name of the MBean that caused the notification.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MBeanServerNotification.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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[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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