| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MBeanServerNotificationFilter.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/relation/InvalidRoleValueException.html)   [**NEXT CLASS**](http://docs.google.com/javax/management/relation/Relation.html) | [**FRAMES**](http://docs.google.com/index.html?javax/management/relation/MBeanServerNotificationFilter.html)    [**NO FRAMES**](http://docs.google.com/MBeanServerNotificationFilter.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#2s8eyo1) |

## **javax.management.relation**

Class MBeanServerNotificationFilter

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.management.NotificationFilterSupport](http://docs.google.com/javax/management/NotificationFilterSupport.html)  
 **javax.management.relation.MBeanServerNotificationFilter**

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

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

Filter for [MBeanServerNotification](http://docs.google.com/javax/management/MBeanServerNotification.html). This filter filters MBeanServerNotification notifications by selecting the ObjectNames of interest and the operations (registration, unregistration, both) of interest (corresponding to notification types).

The **serialVersionUID** of this class is 2605900539589789736L.

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

| **Constructor Summary** | |
| --- | --- |
| [**MBeanServerNotificationFilter**](http://docs.google.com/javax/management/relation/MBeanServerNotificationFilter.html#MBeanServerNotificationFilter())()            Creates a filter selecting all MBeanServerNotification notifications for all ObjectNames. |

| **Method Summary** | |
| --- | --- |
| void | [**disableAllObjectNames**](http://docs.google.com/javax/management/relation/MBeanServerNotificationFilter.html#disableAllObjectNames())()            Disables any MBeanServerNotification (all ObjectNames are deselected). |
| void | [**disableObjectName**](http://docs.google.com/javax/management/relation/MBeanServerNotificationFilter.html#disableObjectName(javax.management.ObjectName))([ObjectName](http://docs.google.com/javax/management/ObjectName.html) objectName)            Disables MBeanServerNotifications concerning given ObjectName. |
| void | [**enableAllObjectNames**](http://docs.google.com/javax/management/relation/MBeanServerNotificationFilter.html#enableAllObjectNames())()            Enables all MBeanServerNotifications (all ObjectNames are selected). |
| void | [**enableObjectName**](http://docs.google.com/javax/management/relation/MBeanServerNotificationFilter.html#enableObjectName(javax.management.ObjectName))([ObjectName](http://docs.google.com/javax/management/ObjectName.html) objectName)            Enables MBeanServerNotifications concerning given ObjectName. |
| [Vector](http://docs.google.com/java/util/Vector.html)<[ObjectName](http://docs.google.com/javax/management/ObjectName.html)> | [**getDisabledObjectNames**](http://docs.google.com/javax/management/relation/MBeanServerNotificationFilter.html#getDisabledObjectNames())()            Gets all the ObjectNames disabled. |
| [Vector](http://docs.google.com/java/util/Vector.html)<[ObjectName](http://docs.google.com/javax/management/ObjectName.html)> | [**getEnabledObjectNames**](http://docs.google.com/javax/management/relation/MBeanServerNotificationFilter.html#getEnabledObjectNames())()            Gets all the ObjectNames enabled. |
| boolean | [**isNotificationEnabled**](http://docs.google.com/javax/management/relation/MBeanServerNotificationFilter.html#isNotificationEnabled(javax.management.Notification))([Notification](http://docs.google.com/javax/management/Notification.html) notif)            Invoked before sending the specified notification to the listener. |

| **Methods inherited from class javax.management.**[**NotificationFilterSupport**](http://docs.google.com/javax/management/NotificationFilterSupport.html) |
| --- |
| [disableAllTypes](http://docs.google.com/javax/management/NotificationFilterSupport.html#disableAllTypes()), [disableType](http://docs.google.com/javax/management/NotificationFilterSupport.html#disableType(java.lang.String)), [enableType](http://docs.google.com/javax/management/NotificationFilterSupport.html#enableType(java.lang.String)), [getEnabledTypes](http://docs.google.com/javax/management/NotificationFilterSupport.html#getEnabledTypes()) |

| **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()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [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)) |

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

### MBeanServerNotificationFilter

public **MBeanServerNotificationFilter**()

Creates a filter selecting all MBeanServerNotification notifications for all ObjectNames.

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

### disableAllObjectNames

public void **disableAllObjectNames**()

Disables any MBeanServerNotification (all ObjectNames are deselected).

### disableObjectName

public void **disableObjectName**([ObjectName](http://docs.google.com/javax/management/ObjectName.html) objectName)  
 throws [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html)

Disables MBeanServerNotifications concerning given ObjectName.

**Parameters:**objectName - ObjectName no longer of interest **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if the given ObjectName is null

### enableAllObjectNames

public void **enableAllObjectNames**()

Enables all MBeanServerNotifications (all ObjectNames are selected).

### enableObjectName

public void **enableObjectName**([ObjectName](http://docs.google.com/javax/management/ObjectName.html) objectName)  
 throws [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html)

Enables MBeanServerNotifications concerning given ObjectName.

**Parameters:**objectName - ObjectName of interest **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if the given ObjectName is null

### getEnabledObjectNames

public [Vector](http://docs.google.com/java/util/Vector.html)<[ObjectName](http://docs.google.com/javax/management/ObjectName.html)> **getEnabledObjectNames**()

Gets all the ObjectNames enabled.

**Returns:**Vector of ObjectNames:

- null means all ObjectNames are implicitly selected, except the ObjectNames explicitly deselected

- empty means all ObjectNames are deselected, i.e. no ObjectName selected.

### getDisabledObjectNames

public [Vector](http://docs.google.com/java/util/Vector.html)<[ObjectName](http://docs.google.com/javax/management/ObjectName.html)> **getDisabledObjectNames**()

Gets all the ObjectNames disabled.

**Returns:**Vector of ObjectNames:

- null means all ObjectNames are implicitly deselected, except the ObjectNames explicitly selected

- empty means all ObjectNames are selected, i.e. no ObjectName deselected.

### isNotificationEnabled

public boolean **isNotificationEnabled**([Notification](http://docs.google.com/javax/management/Notification.html) notif)  
 throws [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html)

Invoked before sending the specified notification to the listener.

If:

- the ObjectName of the concerned MBean is selected (explicitly OR (implicitly and not explicitly deselected))

AND

- the type of the operation (registration or unregistration) is selected

then the notification is sent to the listener.

**Specified by:**[isNotificationEnabled](http://docs.google.com/javax/management/NotificationFilter.html#isNotificationEnabled(javax.management.Notification)) in interface [NotificationFilter](http://docs.google.com/javax/management/NotificationFilter.html)**Overrides:**[isNotificationEnabled](http://docs.google.com/javax/management/NotificationFilterSupport.html#isNotificationEnabled(javax.management.Notification)) in class [NotificationFilterSupport](http://docs.google.com/javax/management/NotificationFilterSupport.html) **Parameters:**notif - The notification to be sent. **Returns:**true if the notification has to be sent to the listener, false otherwise. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if null parameter

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MBeanServerNotificationFilter.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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