| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AttributeChangeNotificationFilter.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/AttributeChangeNotification.html)   [**NEXT CLASS**](http://docs.google.com/javax/management/AttributeList.html) | [**FRAMES**](http://docs.google.com/index.html?javax/management/AttributeChangeNotificationFilter.html)    [**NO FRAMES**](http://docs.google.com/AttributeChangeNotificationFilter.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **javax.management**

Class AttributeChangeNotificationFilter

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

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

public class **AttributeChangeNotificationFilter**extends [Object](http://docs.google.com/java/lang/Object.html)implements [NotificationFilter](http://docs.google.com/javax/management/NotificationFilter.html)

This class implements of the [NotificationFilter](http://docs.google.com/javax/management/NotificationFilter.html) interface for the [attribute change notification](http://docs.google.com/javax/management/AttributeChangeNotification.html). The filtering is performed on the name of the observed attribute.

It manages a list of enabled attribute names. A method allows users to enable/disable as many attribute names as required.

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

| **Constructor Summary** | |
| --- | --- |
| [**AttributeChangeNotificationFilter**](http://docs.google.com/javax/management/AttributeChangeNotificationFilter.html#AttributeChangeNotificationFilter())() |

| **Method Summary** | |
| --- | --- |
| void | [**disableAllAttributes**](http://docs.google.com/javax/management/AttributeChangeNotificationFilter.html#disableAllAttributes())()            Disables all the attribute names. |
| void | [**disableAttribute**](http://docs.google.com/javax/management/AttributeChangeNotificationFilter.html#disableAttribute(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Disables all the attribute change notifications the attribute name of which equals the specified attribute name to be sent to the listener. |
| void | [**enableAttribute**](http://docs.google.com/javax/management/AttributeChangeNotificationFilter.html#enableAttribute(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Enables all the attribute change notifications the attribute name of which equals the specified name to be sent to the listener. |
| [Vector](http://docs.google.com/java/util/Vector.html)<[String](http://docs.google.com/java/lang/String.html)> | [**getEnabledAttributes**](http://docs.google.com/javax/management/AttributeChangeNotificationFilter.html#getEnabledAttributes())()            Gets all the enabled attribute names for this filter. |
| boolean | [**isNotificationEnabled**](http://docs.google.com/javax/management/AttributeChangeNotificationFilter.html#isNotificationEnabled(javax.management.Notification))([Notification](http://docs.google.com/javax/management/Notification.html) notification)            Invoked before sending the specified notification to the listener. |

| **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** |
| --- |

### AttributeChangeNotificationFilter

public **AttributeChangeNotificationFilter**()

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

### isNotificationEnabled

public boolean **isNotificationEnabled**([Notification](http://docs.google.com/javax/management/Notification.html) notification)

Invoked before sending the specified notification to the listener.

This filter compares the attribute name of the specified attribute change notification with each enabled attribute name. If the attribute name equals one of the enabled attribute names, the notification must be sent to the listener and this method returns true.

**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) **Parameters:**notification - The attribute change notification to be sent. **Returns:**true if the notification has to be sent to the listener, false otherwise.

### enableAttribute

public void **enableAttribute**([String](http://docs.google.com/java/lang/String.html) name)  
 throws [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html)

Enables all the attribute change notifications the attribute name of which equals the specified name to be sent to the listener.

If the specified name is already in the list of enabled attribute names, this method has no effect.

**Parameters:**name - The attribute name. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - The attribute name parameter is null.

### disableAttribute

public void **disableAttribute**([String](http://docs.google.com/java/lang/String.html) name)

Disables all the attribute change notifications the attribute name of which equals the specified attribute name to be sent to the listener.

If the specified name is not in the list of enabled attribute names, this method has no effect.

**Parameters:**name - The attribute name.

### disableAllAttributes

public void **disableAllAttributes**()

Disables all the attribute names.

### getEnabledAttributes

public [Vector](http://docs.google.com/java/util/Vector.html)<[String](http://docs.google.com/java/lang/String.html)> **getEnabledAttributes**()

Gets all the enabled attribute names for this filter.

**Returns:**The list containing all the enabled attribute names.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AttributeChangeNotificationFilter.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/AttributeChangeNotification.html)   [**NEXT CLASS**](http://docs.google.com/javax/management/AttributeList.html) | [**FRAMES**](http://docs.google.com/index.html?javax/management/AttributeChangeNotificationFilter.html)    [**NO FRAMES**](http://docs.google.com/AttributeChangeNotificationFilter.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

[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.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).