| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/NotificationResult.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/remote/MBeanServerForwarder.html)   [**NEXT CLASS**](http://docs.google.com/javax/management/remote/SubjectDelegationPermission.html) | [**FRAMES**](http://docs.google.com/index.html?javax/management/remote/NotificationResult.html)    [**NO FRAMES**](http://docs.google.com/NotificationResult.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.remote**

Class NotificationResult

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

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

public class **NotificationResult**extends [Object](http://docs.google.com/java/lang/Object.html)implements [Serializable](http://docs.google.com/java/io/Serializable.html)

Result of a query for buffered notifications. Notifications in a notification buffer have positive, monotonically increasing sequence numbers. The result of a notification query contains the following elements:

* The sequence number of the earliest notification still in the buffer.
* The sequence number of the next notification available for querying. This will be the starting sequence number for the next notification query.
* An array of (Notification,listenerID) pairs corresponding to the returned notifications and the listeners they correspond to.

It is possible for the nextSequenceNumber to be less than the earliestSequenceNumber. This signifies that notifications between the two might have been lost.

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

| **Constructor Summary** | |
| --- | --- |
| [**NotificationResult**](http://docs.google.com/javax/management/remote/NotificationResult.html#NotificationResult(long,%20long,%20javax.management.remote.TargetedNotification%5B%5D))(long earliestSequenceNumber, long nextSequenceNumber, [TargetedNotification](http://docs.google.com/javax/management/remote/TargetedNotification.html)[] targetedNotifications)            Constructs a notification query result. |

| **Method Summary** | |
| --- | --- |
| long | [**getEarliestSequenceNumber**](http://docs.google.com/javax/management/remote/NotificationResult.html#getEarliestSequenceNumber())()            Returns the sequence number of the earliest notification still in the buffer. |
| long | [**getNextSequenceNumber**](http://docs.google.com/javax/management/remote/NotificationResult.html#getNextSequenceNumber())()            Returns the sequence number of the next notification available for querying. |
| [TargetedNotification](http://docs.google.com/javax/management/remote/TargetedNotification.html)[] | [**getTargetedNotifications**](http://docs.google.com/javax/management/remote/NotificationResult.html#getTargetedNotifications())()            Returns the notifications resulting from the query, and the listeners they correspond to. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/javax/management/remote/NotificationResult.html#toString())()            Returns a string representation of the object. |

| **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)) |

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

### NotificationResult

public **NotificationResult**(long earliestSequenceNumber,  
 long nextSequenceNumber,  
 [TargetedNotification](http://docs.google.com/javax/management/remote/TargetedNotification.html)[] targetedNotifications)

Constructs a notification query result.

**Parameters:**earliestSequenceNumber - the sequence number of the earliest notification still in the buffer.nextSequenceNumber - the sequence number of the next notification available for querying.targetedNotifications - the notifications resulting from the query, and the listeners they correspond to. This array can be empty. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if targetedNotifications is null or if earliestSequenceNumber or nextSequenceNumber is negative.

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

### getEarliestSequenceNumber

public long **getEarliestSequenceNumber**()

Returns the sequence number of the earliest notification still in the buffer.

**Returns:**the sequence number of the earliest notification still in the buffer.

### getNextSequenceNumber

public long **getNextSequenceNumber**()

Returns the sequence number of the next notification available for querying.

**Returns:**the sequence number of the next notification available for querying.

### getTargetedNotifications

public [TargetedNotification](http://docs.google.com/javax/management/remote/TargetedNotification.html)[] **getTargetedNotifications**()

Returns the notifications resulting from the query, and the listeners they correspond to.

**Returns:**the notifications resulting from the query, and the listeners they correspond to. This array can be empty.

### toString

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

Returns a string representation of the object. The result should be a concise but informative representation that is easy for a person to read.

**Overrides:**[toString](http://docs.google.com/java/lang/Object.html#toString()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a string representation of the object.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/NotificationResult.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/remote/MBeanServerForwarder.html)   [**NEXT CLASS**](http://docs.google.com/javax/management/remote/SubjectDelegationPermission.html) | [**FRAMES**](http://docs.google.com/index.html?javax/management/remote/NotificationResult.html)    [**NO FRAMES**](http://docs.google.com/NotificationResult.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.

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