| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/OpenMBeanConstructorInfoSupport.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/openmbean/OpenMBeanConstructorInfo.html)   [**NEXT CLASS**](http://docs.google.com/javax/management/openmbean/OpenMBeanInfo.html) | [**FRAMES**](http://docs.google.com/index.html?javax/management/openmbean/OpenMBeanConstructorInfoSupport.html)    [**NO FRAMES**](http://docs.google.com/OpenMBeanConstructorInfoSupport.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#3rdcrjn) | [METHOD](#35nkun2) |

## **javax.management.openmbean**

Class OpenMBeanConstructorInfoSupport

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.management.MBeanFeatureInfo](http://docs.google.com/javax/management/MBeanFeatureInfo.html)  
 [javax.management.MBeanConstructorInfo](http://docs.google.com/javax/management/MBeanConstructorInfo.html)  
 **javax.management.openmbean.OpenMBeanConstructorInfoSupport**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [Cloneable](http://docs.google.com/java/lang/Cloneable.html), [DescriptorRead](http://docs.google.com/javax/management/DescriptorRead.html), [OpenMBeanConstructorInfo](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfo.html)

public class **OpenMBeanConstructorInfoSupport**extends [MBeanConstructorInfo](http://docs.google.com/javax/management/MBeanConstructorInfo.html)implements [OpenMBeanConstructorInfo](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfo.html)

Describes a constructor of an Open MBean.

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

| **Field Summary** | |
| --- | --- |

| **Fields inherited from class javax.management.**[**MBeanFeatureInfo**](http://docs.google.com/javax/management/MBeanFeatureInfo.html) |
| --- |
| [description](http://docs.google.com/javax/management/MBeanFeatureInfo.html#description), [name](http://docs.google.com/javax/management/MBeanFeatureInfo.html#name) |

| **Constructor Summary** | |
| --- | --- |
| [**OpenMBeanConstructorInfoSupport**](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfoSupport.html#OpenMBeanConstructorInfoSupport(java.lang.String,%20java.lang.String,%20javax.management.openmbean.OpenMBeanParameterInfo%5B%5D))([String](http://docs.google.com/java/lang/String.html) name, [String](http://docs.google.com/java/lang/String.html) description, [OpenMBeanParameterInfo](http://docs.google.com/javax/management/openmbean/OpenMBeanParameterInfo.html)[] signature)            Constructs an OpenMBeanConstructorInfoSupport instance, which describes the constructor of a class of open MBeans with the specified name, description and signature. |
| [**OpenMBeanConstructorInfoSupport**](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfoSupport.html#OpenMBeanConstructorInfoSupport(java.lang.String,%20java.lang.String,%20javax.management.openmbean.OpenMBeanParameterInfo%5B%5D,%20javax.management.Descriptor))([String](http://docs.google.com/java/lang/String.html) name, [String](http://docs.google.com/java/lang/String.html) description, [OpenMBeanParameterInfo](http://docs.google.com/javax/management/openmbean/OpenMBeanParameterInfo.html)[] signature, [Descriptor](http://docs.google.com/javax/management/Descriptor.html) descriptor)            Constructs an OpenMBeanConstructorInfoSupport instance, which describes the constructor of a class of open MBeans with the specified name, description, signature, and descriptor. |

| **Method Summary** | |
| --- | --- |
| boolean | [**equals**](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfoSupport.html#equals(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) obj)            Compares the specified obj parameter with this OpenMBeanConstructorInfoSupport instance for equality. |
| int | [**hashCode**](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfoSupport.html#hashCode())()            Returns the hash code value for this OpenMBeanConstructorInfoSupport instance. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfoSupport.html#toString())()            Returns a string representation of this OpenMBeanConstructorInfoSupport instance. |

| **Methods inherited from class javax.management.**[**MBeanConstructorInfo**](http://docs.google.com/javax/management/MBeanConstructorInfo.html) |
| --- |
| [clone](http://docs.google.com/javax/management/MBeanConstructorInfo.html#clone()), [getSignature](http://docs.google.com/javax/management/MBeanConstructorInfo.html#getSignature()) |

| **Methods inherited from class javax.management.**[**MBeanFeatureInfo**](http://docs.google.com/javax/management/MBeanFeatureInfo.html) |
| --- |
| [getDescription](http://docs.google.com/javax/management/MBeanFeatureInfo.html#getDescription()), [getDescriptor](http://docs.google.com/javax/management/MBeanFeatureInfo.html#getDescriptor()), [getName](http://docs.google.com/javax/management/MBeanFeatureInfo.html#getName()) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [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)) |

| **Methods inherited from interface javax.management.openmbean.**[**OpenMBeanConstructorInfo**](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfo.html) |
| --- |
| [getDescription](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfo.html#getDescription()), [getName](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfo.html#getName()), [getSignature](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfo.html#getSignature()) |

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

### OpenMBeanConstructorInfoSupport

public **OpenMBeanConstructorInfoSupport**([String](http://docs.google.com/java/lang/String.html) name,  
 [String](http://docs.google.com/java/lang/String.html) description,  
 [OpenMBeanParameterInfo](http://docs.google.com/javax/management/openmbean/OpenMBeanParameterInfo.html)[] signature)

Constructs an OpenMBeanConstructorInfoSupport instance, which describes the constructor of a class of open MBeans with the specified name, description and signature.

The signature array parameter is internally copied, so that subsequent changes to the array referenced by signature have no effect on this instance.

**Parameters:**name - cannot be a null or empty string.description - cannot be a null or empty string.signature - can be null or empty if there are no parameters to describe. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if name or description are null or empty string. [ArrayStoreException](http://docs.google.com/java/lang/ArrayStoreException.html) - If signature is not an array of instances of a subclass of MBeanParameterInfo.

### OpenMBeanConstructorInfoSupport

public **OpenMBeanConstructorInfoSupport**([String](http://docs.google.com/java/lang/String.html) name,  
 [String](http://docs.google.com/java/lang/String.html) description,  
 [OpenMBeanParameterInfo](http://docs.google.com/javax/management/openmbean/OpenMBeanParameterInfo.html)[] signature,  
 [Descriptor](http://docs.google.com/javax/management/Descriptor.html) descriptor)

Constructs an OpenMBeanConstructorInfoSupport instance, which describes the constructor of a class of open MBeans with the specified name, description, signature, and descriptor.

The signature array parameter is internally copied, so that subsequent changes to the array referenced by signature have no effect on this instance.

**Parameters:**name - cannot be a null or empty string.description - cannot be a null or empty string.signature - can be null or empty if there are no parameters to describe.descriptor - The descriptor for the constructor. This may be null which is equivalent to an empty descriptor. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if name or description are null or empty string. [ArrayStoreException](http://docs.google.com/java/lang/ArrayStoreException.html) - If signature is not an array of instances of a subclass of MBeanParameterInfo.**Since:** 1.6

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

### equals

public boolean **equals**([Object](http://docs.google.com/java/lang/Object.html) obj)

Compares the specified obj parameter with this OpenMBeanConstructorInfoSupport instance for equality.

Returns true if and only if all of the following statements are true:

* obj is non null,
* obj also implements the OpenMBeanConstructorInfo interface,
* their names are equal
* their signatures are equal.

This ensures that this equals method works properly for obj parameters which are different implementations of the OpenMBeanConstructorInfo interface.

**Specified by:**[equals](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfo.html#equals(java.lang.Object)) in interface [OpenMBeanConstructorInfo](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfo.html)**Overrides:**[equals](http://docs.google.com/javax/management/MBeanConstructorInfo.html#equals(java.lang.Object)) in class [MBeanConstructorInfo](http://docs.google.com/javax/management/MBeanConstructorInfo.html) **Parameters:**obj - the object to be compared for equality with this OpenMBeanConstructorInfoSupport instance; **Returns:**true if the specified object is equal to this OpenMBeanConstructorInfoSupport instance.**See Also:**[Object.hashCode()](http://docs.google.com/java/lang/Object.html#hashCode()), [Hashtable](http://docs.google.com/java/util/Hashtable.html)

### hashCode

public int **hashCode**()

Returns the hash code value for this OpenMBeanConstructorInfoSupport instance.

The hash code of an OpenMBeanConstructorInfoSupport instance is the sum of the hash codes of all elements of information used in equals comparisons (ie: its name and signature, where the signature hashCode is calculated by a call to java.util.Arrays.asList(this.getSignature).hashCode()).

This ensures that t1.equals(t2) implies that t1.hashCode()==t2.hashCode() for any two OpenMBeanConstructorInfoSupport instances t1 and t2, as required by the general contract of the method [Object.hashCode()](http://docs.google.com/java/lang/Object.html#hashCode()).

However, note that another instance of a class implementing the OpenMBeanConstructorInfo interface may be equal to this OpenMBeanConstructorInfoSupport instance as defined by [equals(java.lang.Object)](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfoSupport.html#equals(java.lang.Object)), but may have a different hash code if it is calculated differently.

As OpenMBeanConstructorInfoSupport instances are immutable, the hash code for this instance is calculated once, on the first call to hashCode, and then the same value is returned for subsequent calls.

**Specified by:**[hashCode](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfo.html#hashCode()) in interface [OpenMBeanConstructorInfo](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfo.html)**Overrides:**[hashCode](http://docs.google.com/javax/management/MBeanConstructorInfo.html#hashCode()) in class [MBeanConstructorInfo](http://docs.google.com/javax/management/MBeanConstructorInfo.html) **Returns:**the hash code value for this OpenMBeanConstructorInfoSupport instance**See Also:**[Object.equals(java.lang.Object)](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [Hashtable](http://docs.google.com/java/util/Hashtable.html)

### toString

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

Returns a string representation of this OpenMBeanConstructorInfoSupport instance.

The string representation consists of the name of this class (ie javax.management.openmbean.OpenMBeanConstructorInfoSupport), the name and signature of the described constructor and the string representation of its descriptor.

As OpenMBeanConstructorInfoSupport instances are immutable, the string representation for this instance is calculated once, on the first call to toString, and then the same value is returned for subsequent calls.

**Specified by:**[toString](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfo.html#toString()) in interface [OpenMBeanConstructorInfo](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfo.html)**Overrides:**[toString](http://docs.google.com/javax/management/MBeanConstructorInfo.html#toString()) in class [MBeanConstructorInfo](http://docs.google.com/javax/management/MBeanConstructorInfo.html) **Returns:**a string representation of this OpenMBeanConstructorInfoSupport instance

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/OpenMBeanConstructorInfoSupport.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/openmbean/OpenMBeanConstructorInfo.html)   [**NEXT CLASS**](http://docs.google.com/javax/management/openmbean/OpenMBeanInfo.html) | [**FRAMES**](http://docs.google.com/index.html?javax/management/openmbean/OpenMBeanConstructorInfoSupport.html)    [**NO FRAMES**](http://docs.google.com/OpenMBeanConstructorInfoSupport.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#3rdcrjn) | [METHOD](#35nkun2) |

[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).