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

## **javax.management.openmbean**

Interface OpenMBeanConstructorInfo

**All Known Implementing Classes:** [OpenMBeanConstructorInfoSupport](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfoSupport.html)

public interface **OpenMBeanConstructorInfo**

Describes a constructor of an Open MBean.

This interface declares the same methods as the class [MBeanConstructorInfo](http://docs.google.com/javax/management/MBeanConstructorInfo.html). A class implementing this interface (typically [OpenMBeanConstructorInfoSupport](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfoSupport.html)) should extend [MBeanConstructorInfo](http://docs.google.com/javax/management/MBeanConstructorInfo.html).

The [getSignature()](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfo.html#getSignature()) method should return at runtime an array of instances of a subclass of [MBeanParameterInfo](http://docs.google.com/javax/management/MBeanParameterInfo.html) which implements the [OpenMBeanParameterInfo](http://docs.google.com/javax/management/openmbean/OpenMBeanParameterInfo.html) interface (typically [OpenMBeanParameterInfoSupport](http://docs.google.com/javax/management/openmbean/OpenMBeanParameterInfoSupport.html)).

**Since:** 1.5

| **Method Summary** | |
| --- | --- |
| boolean | [**equals**](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfo.html#equals(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) obj)            Compares the specified obj parameter with this OpenMBeanConstructorInfo instance for equality. |
| [String](http://docs.google.com/java/lang/String.html) | [**getDescription**](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfo.html#getDescription())()            Returns a human readable description of the constructor described by this OpenMBeanConstructorInfo instance. |
| [String](http://docs.google.com/java/lang/String.html) | [**getName**](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfo.html#getName())()            Returns the name of the constructor described by this OpenMBeanConstructorInfo instance. |
| [MBeanParameterInfo](http://docs.google.com/javax/management/MBeanParameterInfo.html)[] | [**getSignature**](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfo.html#getSignature())()            Returns an array of OpenMBeanParameterInfo instances describing each parameter in the signature of the constructor described by this OpenMBeanConstructorInfo instance. |
| int | [**hashCode**](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfo.html#hashCode())()            Returns the hash code value for this OpenMBeanConstructorInfo instance. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/javax/management/openmbean/OpenMBeanConstructorInfo.html#toString())()            Returns a string representation of this OpenMBeanConstructorInfo instance. |

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

### getDescription

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

Returns a human readable description of the constructor described by this OpenMBeanConstructorInfo instance.

**Returns:**the description.

### getName

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

Returns the name of the constructor described by this OpenMBeanConstructorInfo instance.

**Returns:**the name.

### getSignature

[MBeanParameterInfo](http://docs.google.com/javax/management/MBeanParameterInfo.html)[] **getSignature**()

Returns an array of OpenMBeanParameterInfo instances describing each parameter in the signature of the constructor described by this OpenMBeanConstructorInfo instance.

**Returns:**the signature.

### equals

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

Compares the specified obj parameter with this OpenMBeanConstructorInfo 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.

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

### hashCode

int **hashCode**()

Returns the hash code value for this OpenMBeanConstructorInfo instance.

The hash code of an OpenMBeanConstructorInfo 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 OpenMBeanConstructorInfo instances t1 and t2, as required by the general contract of the method [Object.hashCode()](http://docs.google.com/java/lang/Object.html#hashCode()).

**Overrides:**[hashCode](http://docs.google.com/java/lang/Object.html#hashCode()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**the hash code value for this OpenMBeanConstructorInfo 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

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

Returns a string representation of this OpenMBeanConstructorInfo instance.

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

**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 this OpenMBeanConstructorInfo 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/OpenMBeanConstructorInfo.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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| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

[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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