| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MBeanFeatureInfo.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/MBeanException.html)   [**NEXT CLASS**](http://docs.google.com/javax/management/MBeanInfo.html) | [**FRAMES**](http://docs.google.com/index.html?javax/management/MBeanFeatureInfo.html)    [**NO FRAMES**](http://docs.google.com/MBeanFeatureInfo.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#17dp8vu) | [METHOD](#lnxbz9) |

## **javax.management**

Class MBeanFeatureInfo

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

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [DescriptorRead](http://docs.google.com/javax/management/DescriptorRead.html) **Direct Known Subclasses:** [MBeanAttributeInfo](http://docs.google.com/javax/management/MBeanAttributeInfo.html), [MBeanConstructorInfo](http://docs.google.com/javax/management/MBeanConstructorInfo.html), [MBeanNotificationInfo](http://docs.google.com/javax/management/MBeanNotificationInfo.html), [MBeanOperationInfo](http://docs.google.com/javax/management/MBeanOperationInfo.html), [MBeanParameterInfo](http://docs.google.com/javax/management/MBeanParameterInfo.html)

public class **MBeanFeatureInfo**extends [Object](http://docs.google.com/java/lang/Object.html)implements [Serializable](http://docs.google.com/java/io/Serializable.html), [DescriptorRead](http://docs.google.com/javax/management/DescriptorRead.html)

Provides general information for an MBean descriptor object. The feature described can be an attribute, an operation, a parameter, or a notification. Instances of this class are immutable. Subclasses may be mutable but this is not recommended.

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

| **Field Summary** | |
| --- | --- |
| protected  [String](http://docs.google.com/java/lang/String.html) | [**description**](http://docs.google.com/javax/management/MBeanFeatureInfo.html#description)            The human-readable description of the feature. |
| protected  [String](http://docs.google.com/java/lang/String.html) | [**name**](http://docs.google.com/javax/management/MBeanFeatureInfo.html#name)            The name of the feature. |

| **Constructor Summary** | |
| --- | --- |
| [**MBeanFeatureInfo**](http://docs.google.com/javax/management/MBeanFeatureInfo.html#MBeanFeatureInfo(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) name, [String](http://docs.google.com/java/lang/String.html) description)            Constructs an MBeanFeatureInfo object. |
| [**MBeanFeatureInfo**](http://docs.google.com/javax/management/MBeanFeatureInfo.html#MBeanFeatureInfo(java.lang.String,%20java.lang.String,%20javax.management.Descriptor))([String](http://docs.google.com/java/lang/String.html) name, [String](http://docs.google.com/java/lang/String.html) description, [Descriptor](http://docs.google.com/javax/management/Descriptor.html) descriptor)            Constructs an MBeanFeatureInfo object. |

| **Method Summary** | |
| --- | --- |
| boolean | [**equals**](http://docs.google.com/javax/management/MBeanFeatureInfo.html#equals(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) o)            Compare this MBeanFeatureInfo to another. |
| [String](http://docs.google.com/java/lang/String.html) | [**getDescription**](http://docs.google.com/javax/management/MBeanFeatureInfo.html#getDescription())()            Returns the human-readable description of the feature. |
| [Descriptor](http://docs.google.com/javax/management/Descriptor.html) | [**getDescriptor**](http://docs.google.com/javax/management/MBeanFeatureInfo.html#getDescriptor())()            Returns the descriptor for the feature. |
| [String](http://docs.google.com/java/lang/String.html) | [**getName**](http://docs.google.com/javax/management/MBeanFeatureInfo.html#getName())()            Returns the name of the feature. |
| int | [**hashCode**](http://docs.google.com/javax/management/MBeanFeatureInfo.html#hashCode())()            Returns a hash code value for 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()), [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()), [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)) |

| **Field Detail** |
| --- |

### name

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

The name of the feature. It is recommended that subclasses call [getName()](http://docs.google.com/javax/management/MBeanFeatureInfo.html#getName()) rather than reading this field, and that they not change it.

### description

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

The human-readable description of the feature. It is recommended that subclasses call [getDescription()](http://docs.google.com/javax/management/MBeanFeatureInfo.html#getDescription()) rather than reading this field, and that they not change it.

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

### MBeanFeatureInfo

public **MBeanFeatureInfo**([String](http://docs.google.com/java/lang/String.html) name,  
 [String](http://docs.google.com/java/lang/String.html) description)

Constructs an MBeanFeatureInfo object. This constructor is equivalent to MBeanFeatureInfo(name, description, (Descriptor) null.

**Parameters:**name - The name of the feature.description - A human readable description of the feature.

### MBeanFeatureInfo

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

Constructs an MBeanFeatureInfo object.

**Parameters:**name - The name of the feature.description - A human readable description of the feature.descriptor - The descriptor for the feature. This may be null which is equivalent to an empty descriptor.**Since:** 1.6

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

### getName

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

Returns the name of the feature.

**Returns:**the name of the feature.

### getDescription

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

Returns the human-readable description of the feature.

**Returns:**the human-readable description of the feature.

### getDescriptor

public [Descriptor](http://docs.google.com/javax/management/Descriptor.html) **getDescriptor**()

Returns the descriptor for the feature. Changing the returned value will have no affect on the original descriptor.

**Specified by:**[getDescriptor](http://docs.google.com/javax/management/DescriptorRead.html#getDescriptor()) in interface [DescriptorRead](http://docs.google.com/javax/management/DescriptorRead.html) **Returns:**a descriptor that is either immutable or a copy of the original.**Since:** 1.6

### equals

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

Compare this MBeanFeatureInfo to another.

**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:**o - the object to compare to. **Returns:**true if and only if o is an MBeanFeatureInfo such that its [getName()](http://docs.google.com/javax/management/MBeanFeatureInfo.html#getName()), [getDescription()](http://docs.google.com/javax/management/MBeanFeatureInfo.html#getDescription()), and [getDescriptor()](http://docs.google.com/javax/management/MBeanFeatureInfo.html#getDescriptor()) values are equal (not necessarily identical) to those of this MBeanFeatureInfo.**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**()

**Description copied from class:** [**Object**](http://docs.google.com/java/lang/Object.html#hashCode()) Returns a hash code value for the object. This method is supported for the benefit of hashtables such as those provided by java.util.Hashtable.

The general contract of hashCode is:

* Whenever it is invoked on the same object more than once during an execution of a Java application, the hashCode method must consistently return the same integer, provided no information used in equals comparisons on the object is modified. This integer need not remain consistent from one execution of an application to another execution of the same application.
* If two objects are equal according to the equals(Object) method, then calling the hashCode method on each of the two objects must produce the same integer result.
* It is *not* required that if two objects are unequal according to the [Object.equals(java.lang.Object)](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)) method, then calling the hashCode method on each of the two objects must produce distinct integer results. However, the programmer should be aware that producing distinct integer results for unequal objects may improve the performance of hashtables.

As much as is reasonably practical, the hashCode method defined by class Object does return distinct integers for distinct objects. (This is typically implemented by converting the internal address of the object into an integer, but this implementation technique is not required by the JavaTM programming language.)

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

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