| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AttributeValueExp.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/AttributeNotFoundException.html)   [**NEXT CLASS**](http://docs.google.com/javax/management/BadAttributeValueExpException.html) | [**FRAMES**](http://docs.google.com/index.html?javax/management/AttributeValueExp.html)    [**NO FRAMES**](http://docs.google.com/AttributeValueExp.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#2s8eyo1) |

## **javax.management**

Class AttributeValueExp

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

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

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

Represents attributes used as arguments to relational constraints. An AttributeValueExp may be used anywhere a ValueExp is required.

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

| **Constructor Summary** | |
| --- | --- |
| [**AttributeValueExp**](http://docs.google.com/javax/management/AttributeValueExp.html#AttributeValueExp())()  **Deprecated.** *An instance created with this constructor cannot be used in a query.* |
| [**AttributeValueExp**](http://docs.google.com/javax/management/AttributeValueExp.html#AttributeValueExp(java.lang.String))([String](http://docs.google.com/java/lang/String.html) attr)            Creates a new AttributeValueExp representing the specified object attribute, named attr. |

| **Method Summary** | |
| --- | --- |
| [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | [**apply**](http://docs.google.com/javax/management/AttributeValueExp.html#apply(javax.management.ObjectName))([ObjectName](http://docs.google.com/javax/management/ObjectName.html) name)            Applies the AttributeValueExp on an MBean. |
| protected  [Object](http://docs.google.com/java/lang/Object.html) | [**getAttribute**](http://docs.google.com/javax/management/AttributeValueExp.html#getAttribute(javax.management.ObjectName))([ObjectName](http://docs.google.com/javax/management/ObjectName.html) name)            Return the value of the given attribute in the named MBean. |
| [String](http://docs.google.com/java/lang/String.html) | [**getAttributeName**](http://docs.google.com/javax/management/AttributeValueExp.html#getAttributeName())()            Returns a string representation of the name of the attribute. |
| void | [**setMBeanServer**](http://docs.google.com/javax/management/AttributeValueExp.html#setMBeanServer(javax.management.MBeanServer))([MBeanServer](http://docs.google.com/javax/management/MBeanServer.html) s)            Sets the MBean server on which the query is to be performed. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/javax/management/AttributeValueExp.html#toString())()            Returns the string representing its value. |

| **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** |
| --- |

### AttributeValueExp

[@Deprecated](http://docs.google.com/java/lang/Deprecated.html)  
public **AttributeValueExp**()

**Deprecated.** *An instance created with this constructor cannot be used in a query.*

An AttributeValueExp with a null attribute.

### AttributeValueExp

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

Creates a new AttributeValueExp representing the specified object attribute, named attr.

**Parameters:**attr - the name of the attribute whose value is the value of this [ValueExp](http://docs.google.com/javax/management/ValueExp.html).

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

### getAttributeName

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

Returns a string representation of the name of the attribute.

**Returns:**the attribute name.

### apply

public [ValueExp](http://docs.google.com/javax/management/ValueExp.html) **apply**([ObjectName](http://docs.google.com/javax/management/ObjectName.html) name)  
 throws [BadStringOperationException](http://docs.google.com/javax/management/BadStringOperationException.html),  
 [BadBinaryOpValueExpException](http://docs.google.com/javax/management/BadBinaryOpValueExpException.html),  
 [BadAttributeValueExpException](http://docs.google.com/javax/management/BadAttributeValueExpException.html),  
 [InvalidApplicationException](http://docs.google.com/javax/management/InvalidApplicationException.html)

Applies the AttributeValueExp on an MBean.

**Specified by:**[apply](http://docs.google.com/javax/management/ValueExp.html#apply(javax.management.ObjectName)) in interface [ValueExp](http://docs.google.com/javax/management/ValueExp.html) **Parameters:**name - The name of the MBean on which the AttributeValueExp will be applied. **Returns:**The ValueExp. **Throws:** [BadAttributeValueExpException](http://docs.google.com/javax/management/BadAttributeValueExpException.html) [InvalidApplicationException](http://docs.google.com/javax/management/InvalidApplicationException.html) [BadStringOperationException](http://docs.google.com/javax/management/BadStringOperationException.html) [BadBinaryOpValueExpException](http://docs.google.com/javax/management/BadBinaryOpValueExpException.html)

### toString

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

Returns the string representing its value.

**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.

### setMBeanServer

public void **setMBeanServer**([MBeanServer](http://docs.google.com/javax/management/MBeanServer.html) s)

Sets the MBean server on which the query is to be performed.

**Specified by:**[setMBeanServer](http://docs.google.com/javax/management/ValueExp.html#setMBeanServer(javax.management.MBeanServer)) in interface [ValueExp](http://docs.google.com/javax/management/ValueExp.html) **Parameters:**s - The MBean server on which the query is to be performed.

### getAttribute

protected [Object](http://docs.google.com/java/lang/Object.html) **getAttribute**([ObjectName](http://docs.google.com/javax/management/ObjectName.html) name)

Return the value of the given attribute in the named MBean. If the attempt to access the attribute generates an exception, return null.

**Parameters:**name - the name of the MBean whose attribute is to be returned. **Returns:**the value of the attribute, or null if it could not be obtained.

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