| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/management/ValueExp.html) | **Use** | [**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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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/management//class-useValueExp.html)    [**NO FRAMES**](http://docs.google.com/ValueExp.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**javax.management.ValueExp**

| Packages that use [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | |
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| [**javax.management**](#3znysh7) | Provides the core classes for the Java Management Extensions. |

| Uses of [ValueExp](http://docs.google.com/javax/management/ValueExp.html) in [javax.management](http://docs.google.com/javax/management/package-summary.html) | |
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| Classes in [javax.management](http://docs.google.com/javax/management/package-summary.html) that implement [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | |
| --- | --- |
| class | [**AttributeValueExp**](http://docs.google.com/javax/management/AttributeValueExp.html)            Represents attributes used as arguments to relational constraints. |
| class | [**StringValueExp**](http://docs.google.com/javax/management/StringValueExp.html)            Represents strings that are arguments to relational constraints. |

| Methods in [javax.management](http://docs.google.com/javax/management/package-summary.html) that return [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | |
| --- | --- |
| [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | **StringValueExp.**[**apply**](http://docs.google.com/javax/management/StringValueExp.html#apply(javax.management.ObjectName))([ObjectName](http://docs.google.com/javax/management/ObjectName.html) name)            Applies the ValueExp on a MBean. |
| [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | **AttributeValueExp.**[**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. |
| [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | **ValueExp.**[**apply**](http://docs.google.com/javax/management/ValueExp.html#apply(javax.management.ObjectName))([ObjectName](http://docs.google.com/javax/management/ObjectName.html) name)            Applies the ValueExp on a MBean. |
| static [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | **Query.**[**div**](http://docs.google.com/javax/management/Query.html#div(javax.management.ValueExp,%20javax.management.ValueExp))([ValueExp](http://docs.google.com/javax/management/ValueExp.html) value1, [ValueExp](http://docs.google.com/javax/management/ValueExp.html) value2)            Returns a binary expression representing the quotient of two numeric values. |
| [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | **BadBinaryOpValueExpException.**[**getExp**](http://docs.google.com/javax/management/BadBinaryOpValueExpException.html#getExp())()            Returns the ValueExp that originated the exception. |
| static [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | **Query.**[**minus**](http://docs.google.com/javax/management/Query.html#minus(javax.management.ValueExp,%20javax.management.ValueExp))([ValueExp](http://docs.google.com/javax/management/ValueExp.html) value1, [ValueExp](http://docs.google.com/javax/management/ValueExp.html) value2)            Returns a binary expression representing the difference between two numeric values. |
| static [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | **Query.**[**plus**](http://docs.google.com/javax/management/Query.html#plus(javax.management.ValueExp,%20javax.management.ValueExp))([ValueExp](http://docs.google.com/javax/management/ValueExp.html) value1, [ValueExp](http://docs.google.com/javax/management/ValueExp.html) value2)            Returns a binary expression representing the sum of two numeric values, or the concatenation of two string values. |
| static [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | **Query.**[**times**](http://docs.google.com/javax/management/Query.html#times(javax.management.ValueExp,%20javax.management.ValueExp))([ValueExp](http://docs.google.com/javax/management/ValueExp.html) value1, [ValueExp](http://docs.google.com/javax/management/ValueExp.html) value2)            Returns a binary expression representing the product of two numeric values. |
| static [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | **Query.**[**value**](http://docs.google.com/javax/management/Query.html#value(boolean))(boolean val)            Returns a boolean value expression that can be used in any Query call that expects a ValueExp. |
| static [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | **Query.**[**value**](http://docs.google.com/javax/management/Query.html#value(double))(double val)            Returns a numeric value expression that can be used in any Query call that expects a ValueExp. |
| static [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | **Query.**[**value**](http://docs.google.com/javax/management/Query.html#value(float))(float val)            Returns a numeric value expression that can be used in any Query call that expects a ValueExp. |
| static [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | **Query.**[**value**](http://docs.google.com/javax/management/Query.html#value(int))(int val)            Returns a numeric value expression that can be used in any Query call that expects a ValueExp. |
| static [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | **Query.**[**value**](http://docs.google.com/javax/management/Query.html#value(long))(long val)            Returns a numeric value expression that can be used in any Query call that expects a ValueExp. |
| static [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | **Query.**[**value**](http://docs.google.com/javax/management/Query.html#value(java.lang.Number))([Number](http://docs.google.com/java/lang/Number.html) val)            Returns a numeric value expression that can be used in any Query call that expects a ValueExp. |

| Methods in [javax.management](http://docs.google.com/javax/management/package-summary.html) with parameters of type [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | |
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| static [QueryExp](http://docs.google.com/javax/management/QueryExp.html) | **Query.**[**between**](http://docs.google.com/javax/management/Query.html#between(javax.management.ValueExp,%20javax.management.ValueExp,%20javax.management.ValueExp))([ValueExp](http://docs.google.com/javax/management/ValueExp.html) v1, [ValueExp](http://docs.google.com/javax/management/ValueExp.html) v2, [ValueExp](http://docs.google.com/javax/management/ValueExp.html) v3)            Returns a query expression that represents the constraint that one value is between two other values. |
| static [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | **Query.**[**div**](http://docs.google.com/javax/management/Query.html#div(javax.management.ValueExp,%20javax.management.ValueExp))([ValueExp](http://docs.google.com/javax/management/ValueExp.html) value1, [ValueExp](http://docs.google.com/javax/management/ValueExp.html) value2)            Returns a binary expression representing the quotient of two numeric values. |
| static [QueryExp](http://docs.google.com/javax/management/QueryExp.html) | **Query.**[**eq**](http://docs.google.com/javax/management/Query.html#eq(javax.management.ValueExp,%20javax.management.ValueExp))([ValueExp](http://docs.google.com/javax/management/ValueExp.html) v1, [ValueExp](http://docs.google.com/javax/management/ValueExp.html) v2)            Returns a query expression that represents an equality constraint on two values. |
| static [QueryExp](http://docs.google.com/javax/management/QueryExp.html) | **Query.**[**geq**](http://docs.google.com/javax/management/Query.html#geq(javax.management.ValueExp,%20javax.management.ValueExp))([ValueExp](http://docs.google.com/javax/management/ValueExp.html) v1, [ValueExp](http://docs.google.com/javax/management/ValueExp.html) v2)            Returns a query expression that represents a "greater than or equal to" constraint on two values. |
| static [QueryExp](http://docs.google.com/javax/management/QueryExp.html) | **Query.**[**gt**](http://docs.google.com/javax/management/Query.html#gt(javax.management.ValueExp,%20javax.management.ValueExp))([ValueExp](http://docs.google.com/javax/management/ValueExp.html) v1, [ValueExp](http://docs.google.com/javax/management/ValueExp.html) v2)            Returns a query expression that represents a "greater than" constraint on two values. |
| static [QueryExp](http://docs.google.com/javax/management/QueryExp.html) | **Query.**[**in**](http://docs.google.com/javax/management/Query.html#in(javax.management.ValueExp,%20javax.management.ValueExp%5B%5D))([ValueExp](http://docs.google.com/javax/management/ValueExp.html) val, [ValueExp](http://docs.google.com/javax/management/ValueExp.html)[] valueList)            Returns an expression constraining a value to be one of an explicit list. |
| static [QueryExp](http://docs.google.com/javax/management/QueryExp.html) | **Query.**[**in**](http://docs.google.com/javax/management/Query.html#in(javax.management.ValueExp,%20javax.management.ValueExp%5B%5D))([ValueExp](http://docs.google.com/javax/management/ValueExp.html) val, [ValueExp](http://docs.google.com/javax/management/ValueExp.html)[] valueList)            Returns an expression constraining a value to be one of an explicit list. |
| static [QueryExp](http://docs.google.com/javax/management/QueryExp.html) | **Query.**[**leq**](http://docs.google.com/javax/management/Query.html#leq(javax.management.ValueExp,%20javax.management.ValueExp))([ValueExp](http://docs.google.com/javax/management/ValueExp.html) v1, [ValueExp](http://docs.google.com/javax/management/ValueExp.html) v2)            Returns a query expression that represents a "less than or equal to" constraint on two values. |
| static [QueryExp](http://docs.google.com/javax/management/QueryExp.html) | **Query.**[**lt**](http://docs.google.com/javax/management/Query.html#lt(javax.management.ValueExp,%20javax.management.ValueExp))([ValueExp](http://docs.google.com/javax/management/ValueExp.html) v1, [ValueExp](http://docs.google.com/javax/management/ValueExp.html) v2)            Returns a query expression that represents a "less than" constraint on two values. |
| static [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | **Query.**[**minus**](http://docs.google.com/javax/management/Query.html#minus(javax.management.ValueExp,%20javax.management.ValueExp))([ValueExp](http://docs.google.com/javax/management/ValueExp.html) value1, [ValueExp](http://docs.google.com/javax/management/ValueExp.html) value2)            Returns a binary expression representing the difference between two numeric values. |
| static [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | **Query.**[**plus**](http://docs.google.com/javax/management/Query.html#plus(javax.management.ValueExp,%20javax.management.ValueExp))([ValueExp](http://docs.google.com/javax/management/ValueExp.html) value1, [ValueExp](http://docs.google.com/javax/management/ValueExp.html) value2)            Returns a binary expression representing the sum of two numeric values, or the concatenation of two string values. |
| static [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | **Query.**[**times**](http://docs.google.com/javax/management/Query.html#times(javax.management.ValueExp,%20javax.management.ValueExp))([ValueExp](http://docs.google.com/javax/management/ValueExp.html) value1, [ValueExp](http://docs.google.com/javax/management/ValueExp.html) value2)            Returns a binary expression representing the product of two numeric values. |

| Constructors in [javax.management](http://docs.google.com/javax/management/package-summary.html) with parameters of type [ValueExp](http://docs.google.com/javax/management/ValueExp.html) | |
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| [**BadBinaryOpValueExpException**](http://docs.google.com/javax/management/BadBinaryOpValueExpException.html#BadBinaryOpValueExpException(javax.management.ValueExp))([ValueExp](http://docs.google.com/javax/management/ValueExp.html) exp)            Constructs a BadBinaryOpValueExpException with the specified ValueExp. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/management/ValueExp.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/management//class-useValueExp.html)    [**NO FRAMES**](http://docs.google.com/ValueExp.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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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