| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/management/RuntimeOperationsException.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-useRuntimeOperationsException.html)    [**NO FRAMES**](http://docs.google.com/RuntimeOperationsException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**javax.management.RuntimeOperationsException**

| Packages that use [RuntimeOperationsException](http://docs.google.com/javax/management/RuntimeOperationsException.html) | |
| --- | --- |
| [**javax.management**](#3znysh7) | Provides the core classes for the Java Management Extensions. |
| [**javax.management.modelmbean**](#2et92p0) | Provides the definition of the ModelMBean classes. |

| Uses of [RuntimeOperationsException](http://docs.google.com/javax/management/RuntimeOperationsException.html) in [javax.management](http://docs.google.com/javax/management/package-summary.html) | |
| --- | --- |

| Methods in [javax.management](http://docs.google.com/javax/management/package-summary.html) that throw [RuntimeOperationsException](http://docs.google.com/javax/management/RuntimeOperationsException.html) | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | **Descriptor.**[**clone**](http://docs.google.com/javax/management/Descriptor.html#clone())()            Returns a descriptor which is equal to this descriptor. |
| [Object](http://docs.google.com/java/lang/Object.html) | **Descriptor.**[**getFieldValue**](http://docs.google.com/javax/management/Descriptor.html#getFieldValue(java.lang.String))([String](http://docs.google.com/java/lang/String.html) fieldName)            Returns the value for a specific field name, or null if no value is present for that name. |
| boolean | **Descriptor.**[**isValid**](http://docs.google.com/javax/management/Descriptor.html#isValid())()            Returns true if all of the fields have legal values given their names. |
| void | **PersistentMBean.**[**load**](http://docs.google.com/javax/management/PersistentMBean.html#load())()            Instantiates thisMBean instance with the data found for the MBean in the persistent store. |
| void | **Descriptor.**[**setField**](http://docs.google.com/javax/management/Descriptor.html#setField(java.lang.String,%20java.lang.Object))([String](http://docs.google.com/java/lang/String.html) fieldName, [Object](http://docs.google.com/java/lang/Object.html) fieldValue)            Sets the value for a specific field name. |
| void | **ImmutableDescriptor.**[**setField**](http://docs.google.com/javax/management/ImmutableDescriptor.html#setField(java.lang.String,%20java.lang.Object))([String](http://docs.google.com/java/lang/String.html) fieldName, [Object](http://docs.google.com/java/lang/Object.html) fieldValue)            This operation is unsupported since this class is immutable. |
| void | **Descriptor.**[**setFields**](http://docs.google.com/javax/management/Descriptor.html#setFields(java.lang.String%5B%5D,%20java.lang.Object%5B%5D))([String](http://docs.google.com/java/lang/String.html)[] fieldNames, [Object](http://docs.google.com/java/lang/Object.html)[] fieldValues)            Sets all fields in the field names array to the new value with the same index in the field values array. |
| void | **ImmutableDescriptor.**[**setFields**](http://docs.google.com/javax/management/ImmutableDescriptor.html#setFields(java.lang.String%5B%5D,%20java.lang.Object%5B%5D))([String](http://docs.google.com/java/lang/String.html)[] fieldNames, [Object](http://docs.google.com/java/lang/Object.html)[] fieldValues)            This operation is unsupported since this class is immutable. |
| void | **PersistentMBean.**[**store**](http://docs.google.com/javax/management/PersistentMBean.html#store())()            Captures the current state of this MBean instance and writes it out to the persistent store. |

| Uses of [RuntimeOperationsException](http://docs.google.com/javax/management/RuntimeOperationsException.html) in [javax.management.modelmbean](http://docs.google.com/javax/management/modelmbean/package-summary.html) | |
| --- | --- |

| Methods in [javax.management.modelmbean](http://docs.google.com/javax/management/modelmbean/package-summary.html) that throw [RuntimeOperationsException](http://docs.google.com/javax/management/RuntimeOperationsException.html) | |
| --- | --- |
| void | **RequiredModelMBean.**[**addAttributeChangeNotificationListener**](http://docs.google.com/javax/management/modelmbean/RequiredModelMBean.html#addAttributeChangeNotificationListener(javax.management.NotificationListener,%20java.lang.String,%20java.lang.Object))([NotificationListener](http://docs.google.com/javax/management/NotificationListener.html) inlistener, [String](http://docs.google.com/java/lang/String.html) inAttributeName, [Object](http://docs.google.com/java/lang/Object.html) inhandback) |
| void | **ModelMBeanNotificationBroadcaster.**[**addAttributeChangeNotificationListener**](http://docs.google.com/javax/management/modelmbean/ModelMBeanNotificationBroadcaster.html#addAttributeChangeNotificationListener(javax.management.NotificationListener,%20java.lang.String,%20java.lang.Object))([NotificationListener](http://docs.google.com/javax/management/NotificationListener.html) listener, [String](http://docs.google.com/java/lang/String.html) attributeName, [Object](http://docs.google.com/java/lang/Object.html) handback)            Registers an object which implements the NotificationListener interface as a listener. |
| [Object](http://docs.google.com/java/lang/Object.html) | **DescriptorSupport.**[**clone**](http://docs.google.com/javax/management/modelmbean/DescriptorSupport.html#clone())()            Returns a new Descriptor which is a duplicate of the Descriptor. |
| [ModelMBeanAttributeInfo](http://docs.google.com/javax/management/modelmbean/ModelMBeanAttributeInfo.html) | **ModelMBeanInfoSupport.**[**getAttribute**](http://docs.google.com/javax/management/modelmbean/ModelMBeanInfoSupport.html#getAttribute(java.lang.String))([String](http://docs.google.com/java/lang/String.html) inName) |
| [ModelMBeanAttributeInfo](http://docs.google.com/javax/management/modelmbean/ModelMBeanAttributeInfo.html) | **ModelMBeanInfo.**[**getAttribute**](http://docs.google.com/javax/management/modelmbean/ModelMBeanInfo.html#getAttribute(java.lang.String))([String](http://docs.google.com/java/lang/String.html) inName)            Returns a ModelMBeanAttributeInfo requested by name. |
| [ModelMBeanConstructorInfo](http://docs.google.com/javax/management/modelmbean/ModelMBeanConstructorInfo.html) | **ModelMBeanInfoSupport.**[**getConstructor**](http://docs.google.com/javax/management/modelmbean/ModelMBeanInfoSupport.html#getConstructor(java.lang.String))([String](http://docs.google.com/java/lang/String.html) inName)            Returns the ModelMBeanConstructorInfo requested by name. |
| [Descriptor](http://docs.google.com/javax/management/Descriptor.html) | **ModelMBeanInfoSupport.**[**getDescriptor**](http://docs.google.com/javax/management/modelmbean/ModelMBeanInfoSupport.html#getDescriptor(java.lang.String))([String](http://docs.google.com/java/lang/String.html) inDescriptorName)            Returns a Descriptor requested by name. |
| [Descriptor](http://docs.google.com/javax/management/Descriptor.html) | **ModelMBeanInfoSupport.**[**getDescriptor**](http://docs.google.com/javax/management/modelmbean/ModelMBeanInfoSupport.html#getDescriptor(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) inDescriptorName, [String](http://docs.google.com/java/lang/String.html) inDescriptorType) |
| [Descriptor](http://docs.google.com/javax/management/Descriptor.html) | **ModelMBeanInfo.**[**getDescriptor**](http://docs.google.com/javax/management/modelmbean/ModelMBeanInfo.html#getDescriptor(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) inDescriptorName, [String](http://docs.google.com/java/lang/String.html) inDescriptorType)            Returns a Descriptor requested by name and descriptorType. |
| [Descriptor](http://docs.google.com/javax/management/Descriptor.html)[] | **ModelMBeanInfoSupport.**[**getDescriptors**](http://docs.google.com/javax/management/modelmbean/ModelMBeanInfoSupport.html#getDescriptors(java.lang.String))([String](http://docs.google.com/java/lang/String.html) inDescriptorType) |
| [Descriptor](http://docs.google.com/javax/management/Descriptor.html)[] | **ModelMBeanInfo.**[**getDescriptors**](http://docs.google.com/javax/management/modelmbean/ModelMBeanInfo.html#getDescriptors(java.lang.String))([String](http://docs.google.com/java/lang/String.html) inDescriptorType)            Returns a Descriptor array consisting of all Descriptors for the ModelMBeanInfo of type inDescriptorType. |
| [Object](http://docs.google.com/java/lang/Object.html) | **DescriptorSupport.**[**getFieldValue**](http://docs.google.com/javax/management/modelmbean/DescriptorSupport.html#getFieldValue(java.lang.String))([String](http://docs.google.com/java/lang/String.html) fieldName) |
| [Descriptor](http://docs.google.com/javax/management/Descriptor.html) | **ModelMBeanInfo.**[**getMBeanDescriptor**](http://docs.google.com/javax/management/modelmbean/ModelMBeanInfo.html#getMBeanDescriptor())()            Returns the ModelMBean's descriptor which contains MBean wide policies. |
| [ModelMBeanNotificationInfo](http://docs.google.com/javax/management/modelmbean/ModelMBeanNotificationInfo.html) | **ModelMBeanInfoSupport.**[**getNotification**](http://docs.google.com/javax/management/modelmbean/ModelMBeanInfoSupport.html#getNotification(java.lang.String))([String](http://docs.google.com/java/lang/String.html) inName) |
| [ModelMBeanNotificationInfo](http://docs.google.com/javax/management/modelmbean/ModelMBeanNotificationInfo.html) | **ModelMBeanInfo.**[**getNotification**](http://docs.google.com/javax/management/modelmbean/ModelMBeanInfo.html#getNotification(java.lang.String))([String](http://docs.google.com/java/lang/String.html) inName)            Returns a ModelMBeanNotificationInfo requested by name. |
| [ModelMBeanOperationInfo](http://docs.google.com/javax/management/modelmbean/ModelMBeanOperationInfo.html) | **ModelMBeanInfoSupport.**[**getOperation**](http://docs.google.com/javax/management/modelmbean/ModelMBeanInfoSupport.html#getOperation(java.lang.String))([String](http://docs.google.com/java/lang/String.html) inName) |
| [ModelMBeanOperationInfo](http://docs.google.com/javax/management/modelmbean/ModelMBeanOperationInfo.html) | **ModelMBeanInfo.**[**getOperation**](http://docs.google.com/javax/management/modelmbean/ModelMBeanInfo.html#getOperation(java.lang.String))([String](http://docs.google.com/java/lang/String.html) inName)            Returns a ModelMBeanOperationInfo requested by name. |
| boolean | **DescriptorSupport.**[**isValid**](http://docs.google.com/javax/management/modelmbean/DescriptorSupport.html#isValid())()            Returns true if all of the fields have legal values given their names. |
| void | **RequiredModelMBean.**[**load**](http://docs.google.com/javax/management/modelmbean/RequiredModelMBean.html#load())()            Instantiates this MBean instance with the data found for the MBean in the persistent store. |
| void | **RequiredModelMBean.**[**removeAttributeChangeNotificationListener**](http://docs.google.com/javax/management/modelmbean/RequiredModelMBean.html#removeAttributeChangeNotificationListener(javax.management.NotificationListener,%20java.lang.String))([NotificationListener](http://docs.google.com/javax/management/NotificationListener.html) inlistener, [String](http://docs.google.com/java/lang/String.html) inAttributeName) |
| void | **ModelMBeanNotificationBroadcaster.**[**removeAttributeChangeNotificationListener**](http://docs.google.com/javax/management/modelmbean/ModelMBeanNotificationBroadcaster.html#removeAttributeChangeNotificationListener(javax.management.NotificationListener,%20java.lang.String))([NotificationListener](http://docs.google.com/javax/management/NotificationListener.html) listener, [String](http://docs.google.com/java/lang/String.html) attributeName)            Removes a listener for attributeChangeNotifications from the RequiredModelMBean. |
| void | **RequiredModelMBean.**[**sendAttributeChangeNotification**](http://docs.google.com/javax/management/modelmbean/RequiredModelMBean.html#sendAttributeChangeNotification(javax.management.Attribute,%20javax.management.Attribute))([Attribute](http://docs.google.com/javax/management/Attribute.html) inOldVal, [Attribute](http://docs.google.com/javax/management/Attribute.html) inNewVal) |
| void | **ModelMBeanNotificationBroadcaster.**[**sendAttributeChangeNotification**](http://docs.google.com/javax/management/modelmbean/ModelMBeanNotificationBroadcaster.html#sendAttributeChangeNotification(javax.management.Attribute,%20javax.management.Attribute))([Attribute](http://docs.google.com/javax/management/Attribute.html) oldValue, [Attribute](http://docs.google.com/javax/management/Attribute.html) newValue)            Sends an attributeChangeNotification which contains the old value and new value for the attribute to the registered AttributeChangeNotification listeners on the ModelMBean. |
| void | **RequiredModelMBean.**[**sendAttributeChangeNotification**](http://docs.google.com/javax/management/modelmbean/RequiredModelMBean.html#sendAttributeChangeNotification(javax.management.AttributeChangeNotification))([AttributeChangeNotification](http://docs.google.com/javax/management/AttributeChangeNotification.html) ntfyObj) |
| void | **ModelMBeanNotificationBroadcaster.**[**sendAttributeChangeNotification**](http://docs.google.com/javax/management/modelmbean/ModelMBeanNotificationBroadcaster.html#sendAttributeChangeNotification(javax.management.AttributeChangeNotification))([AttributeChangeNotification](http://docs.google.com/javax/management/AttributeChangeNotification.html) notification)            Sends an attributeChangeNotification which is passed in to the registered attributeChangeNotification listeners on the ModelMBean. |
| void | **RequiredModelMBean.**[**sendNotification**](http://docs.google.com/javax/management/modelmbean/RequiredModelMBean.html#sendNotification(javax.management.Notification))([Notification](http://docs.google.com/javax/management/Notification.html) ntfyObj) |
| void | **ModelMBeanNotificationBroadcaster.**[**sendNotification**](http://docs.google.com/javax/management/modelmbean/ModelMBeanNotificationBroadcaster.html#sendNotification(javax.management.Notification))([Notification](http://docs.google.com/javax/management/Notification.html) ntfyObj)            Sends a Notification which is passed in to the registered Notification listeners on the ModelMBean as a jmx.modelmbean.generic notification. |
| void | **RequiredModelMBean.**[**sendNotification**](http://docs.google.com/javax/management/modelmbean/RequiredModelMBean.html#sendNotification(java.lang.String))([String](http://docs.google.com/java/lang/String.html) ntfyText) |
| void | **ModelMBeanNotificationBroadcaster.**[**sendNotification**](http://docs.google.com/javax/management/modelmbean/ModelMBeanNotificationBroadcaster.html#sendNotification(java.lang.String))([String](http://docs.google.com/java/lang/String.html) ntfyText)            Sends a Notification which contains the text string that is passed in to the registered Notification listeners on the ModelMBean. |
| void | **ModelMBeanInfoSupport.**[**setDescriptor**](http://docs.google.com/javax/management/modelmbean/ModelMBeanInfoSupport.html#setDescriptor(javax.management.Descriptor,%20java.lang.String))([Descriptor](http://docs.google.com/javax/management/Descriptor.html) inDescriptor, [String](http://docs.google.com/java/lang/String.html) inDescriptorType) |
| void | **ModelMBeanInfo.**[**setDescriptor**](http://docs.google.com/javax/management/modelmbean/ModelMBeanInfo.html#setDescriptor(javax.management.Descriptor,%20java.lang.String))([Descriptor](http://docs.google.com/javax/management/Descriptor.html) inDescriptor, [String](http://docs.google.com/java/lang/String.html) inDescriptorType)            Sets descriptors in the info array of type inDescriptorType for the ModelMBean. |
| void | **ModelMBeanInfoSupport.**[**setDescriptors**](http://docs.google.com/javax/management/modelmbean/ModelMBeanInfoSupport.html#setDescriptors(javax.management.Descriptor%5B%5D))([Descriptor](http://docs.google.com/javax/management/Descriptor.html)[] inDescriptors) |
| void | **ModelMBeanInfo.**[**setDescriptors**](http://docs.google.com/javax/management/modelmbean/ModelMBeanInfo.html#setDescriptors(javax.management.Descriptor%5B%5D))([Descriptor](http://docs.google.com/javax/management/Descriptor.html)[] inDescriptors)            Adds or replaces descriptors in the ModelMBeanInfo. |
| void | **DescriptorSupport.**[**setField**](http://docs.google.com/javax/management/modelmbean/DescriptorSupport.html#setField(java.lang.String,%20java.lang.Object))([String](http://docs.google.com/java/lang/String.html) fieldName, [Object](http://docs.google.com/java/lang/Object.html) fieldValue) |
| void | **DescriptorSupport.**[**setFields**](http://docs.google.com/javax/management/modelmbean/DescriptorSupport.html#setFields(java.lang.String%5B%5D,%20java.lang.Object%5B%5D))([String](http://docs.google.com/java/lang/String.html)[] fieldNames, [Object](http://docs.google.com/java/lang/Object.html)[] fieldValues) |
| void | **RequiredModelMBean.**[**setManagedResource**](http://docs.google.com/javax/management/modelmbean/RequiredModelMBean.html#setManagedResource(java.lang.Object,%20java.lang.String))([Object](http://docs.google.com/java/lang/Object.html) mr, [String](http://docs.google.com/java/lang/String.html) mr\_type)            Sets the instance handle of the object against which to execute all methods in this ModelMBean management interface (MBeanInfo and Descriptors). |
| void | **ModelMBean.**[**setManagedResource**](http://docs.google.com/javax/management/modelmbean/ModelMBean.html#setManagedResource(java.lang.Object,%20java.lang.String))([Object](http://docs.google.com/java/lang/Object.html) mr, [String](http://docs.google.com/java/lang/String.html) mr\_type)            Sets the instance handle of the object against which to execute all methods in this ModelMBean management interface (MBeanInfo and Descriptors). |
| void | **ModelMBeanInfoSupport.**[**setMBeanDescriptor**](http://docs.google.com/javax/management/modelmbean/ModelMBeanInfoSupport.html#setMBeanDescriptor(javax.management.Descriptor))([Descriptor](http://docs.google.com/javax/management/Descriptor.html) inMBeanDescriptor) |
| void | **ModelMBeanInfo.**[**setMBeanDescriptor**](http://docs.google.com/javax/management/modelmbean/ModelMBeanInfo.html#setMBeanDescriptor(javax.management.Descriptor))([Descriptor](http://docs.google.com/javax/management/Descriptor.html) inDescriptor)            Sets the ModelMBean's descriptor. |
| void | **RequiredModelMBean.**[**setModelMBeanInfo**](http://docs.google.com/javax/management/modelmbean/RequiredModelMBean.html#setModelMBeanInfo(javax.management.modelmbean.ModelMBeanInfo))([ModelMBeanInfo](http://docs.google.com/javax/management/modelmbean/ModelMBeanInfo.html) mbi)            Initializes a ModelMBean object using ModelMBeanInfo passed in. |
| void | **ModelMBean.**[**setModelMBeanInfo**](http://docs.google.com/javax/management/modelmbean/ModelMBean.html#setModelMBeanInfo(javax.management.modelmbean.ModelMBeanInfo))([ModelMBeanInfo](http://docs.google.com/javax/management/modelmbean/ModelMBeanInfo.html) inModelMBeanInfo)            Initializes a ModelMBean object using ModelMBeanInfo passed in. |
| void | **RequiredModelMBean.**[**store**](http://docs.google.com/javax/management/modelmbean/RequiredModelMBean.html#store())()            Captures the current state of this MBean instance and writes it out to the persistent store. |

| Constructors in [javax.management.modelmbean](http://docs.google.com/javax/management/modelmbean/package-summary.html) that throw [RuntimeOperationsException](http://docs.google.com/javax/management/RuntimeOperationsException.html) | |
| --- | --- |
| [**DescriptorSupport**](http://docs.google.com/javax/management/modelmbean/DescriptorSupport.html#DescriptorSupport(int))(int initNumFields)            Descriptor constructor. |
| [**DescriptorSupport**](http://docs.google.com/javax/management/modelmbean/DescriptorSupport.html#DescriptorSupport(java.lang.String))([String](http://docs.google.com/java/lang/String.html) inStr)            Descriptor constructor taking an XML String. |
| [**DescriptorSupport**](http://docs.google.com/javax/management/modelmbean/DescriptorSupport.html#DescriptorSupport(java.lang.String%5B%5D,%20java.lang.Object%5B%5D))([String](http://docs.google.com/java/lang/String.html)[] fieldNames, [Object](http://docs.google.com/java/lang/Object.html)[] fieldValues)            Constructor taking field names and field values. |
| [**RequiredModelMBean**](http://docs.google.com/javax/management/modelmbean/RequiredModelMBean.html#RequiredModelMBean())()            Constructs an RequiredModelMBean with an empty ModelMBeanInfo. |
| [**RequiredModelMBean**](http://docs.google.com/javax/management/modelmbean/RequiredModelMBean.html#RequiredModelMBean(javax.management.modelmbean.ModelMBeanInfo))([ModelMBeanInfo](http://docs.google.com/javax/management/modelmbean/ModelMBeanInfo.html) mbi)            Constructs a RequiredModelMBean object using ModelMBeanInfo passed in. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/management/RuntimeOperationsException.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-useRuntimeOperationsException.html)    [**NO FRAMES**](http://docs.google.com/RuntimeOperationsException.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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