| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/RoleUnresolved.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/relation/RoleStatus.html)   [**NEXT CLASS**](http://docs.google.com/javax/management/relation/RoleUnresolvedList.html) | [**FRAMES**](http://docs.google.com/index.html?javax/management/relation/RoleUnresolved.html)    [**NO FRAMES**](http://docs.google.com/RoleUnresolved.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **javax.management.relation**

Class RoleUnresolved

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

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

public class **RoleUnresolved**extends [Object](http://docs.google.com/java/lang/Object.html)implements [Serializable](http://docs.google.com/java/io/Serializable.html)

Represents an unresolved role: a role not retrieved from a relation due to a problem. It provides the role name, value (if problem when trying to set the role) and an integer defining the problem (constants defined in RoleStatus).

The **serialVersionUID** of this class is -48350262537070138L.

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

| **Constructor Summary** | |
| --- | --- |
| [**RoleUnresolved**](http://docs.google.com/javax/management/relation/RoleUnresolved.html#RoleUnresolved(java.lang.String,%20java.util.List,%20int))([String](http://docs.google.com/java/lang/String.html) name, [List](http://docs.google.com/java/util/List.html)<[ObjectName](http://docs.google.com/javax/management/ObjectName.html)> value, int pbType)            Constructor. |

| **Method Summary** | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | [**clone**](http://docs.google.com/javax/management/relation/RoleUnresolved.html#clone())()            Clone this object. |
| int | [**getProblemType**](http://docs.google.com/javax/management/relation/RoleUnresolved.html#getProblemType())()            Retrieves problem type. |
| [String](http://docs.google.com/java/lang/String.html) | [**getRoleName**](http://docs.google.com/javax/management/relation/RoleUnresolved.html#getRoleName())()            Retrieves role name. |
| [List](http://docs.google.com/java/util/List.html)<[ObjectName](http://docs.google.com/javax/management/ObjectName.html)> | [**getRoleValue**](http://docs.google.com/javax/management/relation/RoleUnresolved.html#getRoleValue())()            Retrieves role value. |
| void | [**setProblemType**](http://docs.google.com/javax/management/relation/RoleUnresolved.html#setProblemType(int))(int pbType)            Sets problem type. |
| void | [**setRoleName**](http://docs.google.com/javax/management/relation/RoleUnresolved.html#setRoleName(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Sets role name. |
| void | [**setRoleValue**](http://docs.google.com/javax/management/relation/RoleUnresolved.html#setRoleValue(java.util.List))([List](http://docs.google.com/java/util/List.html)<[ObjectName](http://docs.google.com/javax/management/ObjectName.html)> value)            Sets role value. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/javax/management/relation/RoleUnresolved.html#toString())()            Return a string describing this object. |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [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** |
| --- |

### RoleUnresolved

public **RoleUnresolved**([String](http://docs.google.com/java/lang/String.html) name,  
 [List](http://docs.google.com/java/util/List.html)<[ObjectName](http://docs.google.com/javax/management/ObjectName.html)> value,  
 int pbType)  
 throws [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html)

Constructor.

**Parameters:**name - name of the rolevalue - value of the role (if problem when setting the role)pbType - type of problem (according to known problem types, listed as static final members). **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if null parameter or incorrect problem type

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

### getRoleName

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

Retrieves role name.

**Returns:**the role name.**See Also:**[setRoleName(java.lang.String)](http://docs.google.com/javax/management/relation/RoleUnresolved.html#setRoleName(java.lang.String))

### getRoleValue

public [List](http://docs.google.com/java/util/List.html)<[ObjectName](http://docs.google.com/javax/management/ObjectName.html)> **getRoleValue**()

Retrieves role value.

**Returns:**an ArrayList of ObjectName objects, the one provided to be set in given role. Null if the unresolved role is returned for a read access.**See Also:**[setRoleValue(java.util.List)](http://docs.google.com/javax/management/relation/RoleUnresolved.html#setRoleValue(java.util.List))

### getProblemType

public int **getProblemType**()

Retrieves problem type.

**Returns:**an integer corresponding to a problem, those being described as static final members of current class.**See Also:**[setProblemType(int)](http://docs.google.com/javax/management/relation/RoleUnresolved.html#setProblemType(int))

### setRoleName

public void **setRoleName**([String](http://docs.google.com/java/lang/String.html) name)  
 throws [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html)

Sets role name.

**Parameters:**name - the new role name. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if null parameter**See Also:**[getRoleName()](http://docs.google.com/javax/management/relation/RoleUnresolved.html#getRoleName())

### setRoleValue

public void **setRoleValue**([List](http://docs.google.com/java/util/List.html)<[ObjectName](http://docs.google.com/javax/management/ObjectName.html)> value)

Sets role value.

**Parameters:**value - List of ObjectName objects for referenced MBeans not set in role.**See Also:**[getRoleValue()](http://docs.google.com/javax/management/relation/RoleUnresolved.html#getRoleValue())

### setProblemType

public void **setProblemType**(int pbType)  
 throws [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html)

Sets problem type.

**Parameters:**pbType - integer corresponding to a problem. Must be one of those described as static final members of current class. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if incorrect problem type**See Also:**[getProblemType()](http://docs.google.com/javax/management/relation/RoleUnresolved.html#getProblemType())

### clone

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

Clone this object.

**Overrides:**[clone](http://docs.google.com/java/lang/Object.html#clone()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**an independent clone.**See Also:**[Cloneable](http://docs.google.com/java/lang/Cloneable.html)

### toString

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

Return a string describing this object.

**Overrides:**[toString](http://docs.google.com/java/lang/Object.html#toString()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a description of this RoleUnresolved object.

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