| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/RoleStatus.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/RoleResult.html)   [**NEXT CLASS**](http://docs.google.com/javax/management/relation/RoleUnresolved.html) | [**FRAMES**](http://docs.google.com/index.html?javax/management/relation/RoleStatus.html)    [**NO FRAMES**](http://docs.google.com/RoleStatus.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#1ksv4uv) | [METHOD](#2jxsxqh) |

## **javax.management.relation**

Class RoleStatus

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

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

This class describes the various problems which can be encountered when accessing a role.

**Since:** 1.5

| **Field Summary** | |
| --- | --- |
| static int | [**LESS\_THAN\_MIN\_ROLE\_DEGREE**](http://docs.google.com/javax/management/relation/RoleStatus.html#LESS_THAN_MIN_ROLE_DEGREE)            Problem type when trying to set a role value with less ObjectNames than the minimum expected cardinality. |
| static int | [**MORE\_THAN\_MAX\_ROLE\_DEGREE**](http://docs.google.com/javax/management/relation/RoleStatus.html#MORE_THAN_MAX_ROLE_DEGREE)            Problem type when trying to set a role value with more ObjectNames than the maximum expected cardinality. |
| static int | [**NO\_ROLE\_WITH\_NAME**](http://docs.google.com/javax/management/relation/RoleStatus.html#NO_ROLE_WITH_NAME)            Problem type when trying to access an unknown role. |
| static int | [**REF\_MBEAN\_NOT\_REGISTERED**](http://docs.google.com/javax/management/relation/RoleStatus.html#REF_MBEAN_NOT_REGISTERED)            Problem type when trying to set a role value including the ObjectName of a MBean not registered in the MBean Server. |
| static int | [**REF\_MBEAN\_OF\_INCORRECT\_CLASS**](http://docs.google.com/javax/management/relation/RoleStatus.html#REF_MBEAN_OF_INCORRECT_CLASS)            Problem type when trying to set a role value including the ObjectName of a MBean not of the class expected for that role. |
| static int | [**ROLE\_NOT\_READABLE**](http://docs.google.com/javax/management/relation/RoleStatus.html#ROLE_NOT_READABLE)            Problem type when trying to read a non-readable attribute. |
| static int | [**ROLE\_NOT\_WRITABLE**](http://docs.google.com/javax/management/relation/RoleStatus.html#ROLE_NOT_WRITABLE)            Problem type when trying to update a non-writable attribute. |

| **Constructor Summary** | |
| --- | --- |
| [**RoleStatus**](http://docs.google.com/javax/management/relation/RoleStatus.html#RoleStatus())() |

| **Method Summary** | |
| --- | --- |
| static boolean | [**isRoleStatus**](http://docs.google.com/javax/management/relation/RoleStatus.html#isRoleStatus(int))(int status)            Returns true if given value corresponds to a known role status, false otherwise. |

| **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()), [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** |
| --- |

### NO\_ROLE\_WITH\_NAME

public static final int **NO\_ROLE\_WITH\_NAME**

Problem type when trying to access an unknown role.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.management.relation.RoleStatus.NO_ROLE_WITH_NAME)

### ROLE\_NOT\_READABLE

public static final int **ROLE\_NOT\_READABLE**

Problem type when trying to read a non-readable attribute.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.management.relation.RoleStatus.ROLE_NOT_READABLE)

### ROLE\_NOT\_WRITABLE

public static final int **ROLE\_NOT\_WRITABLE**

Problem type when trying to update a non-writable attribute.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.management.relation.RoleStatus.ROLE_NOT_WRITABLE)

### LESS\_THAN\_MIN\_ROLE\_DEGREE

public static final int **LESS\_THAN\_MIN\_ROLE\_DEGREE**

Problem type when trying to set a role value with less ObjectNames than the minimum expected cardinality.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.management.relation.RoleStatus.LESS_THAN_MIN_ROLE_DEGREE)

### MORE\_THAN\_MAX\_ROLE\_DEGREE

public static final int **MORE\_THAN\_MAX\_ROLE\_DEGREE**

Problem type when trying to set a role value with more ObjectNames than the maximum expected cardinality.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.management.relation.RoleStatus.MORE_THAN_MAX_ROLE_DEGREE)

### REF\_MBEAN\_OF\_INCORRECT\_CLASS

public static final int **REF\_MBEAN\_OF\_INCORRECT\_CLASS**

Problem type when trying to set a role value including the ObjectName of a MBean not of the class expected for that role.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.management.relation.RoleStatus.REF_MBEAN_OF_INCORRECT_CLASS)

### REF\_MBEAN\_NOT\_REGISTERED

public static final int **REF\_MBEAN\_NOT\_REGISTERED**

Problem type when trying to set a role value including the ObjectName of a MBean not registered in the MBean Server.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.management.relation.RoleStatus.REF_MBEAN_NOT_REGISTERED)

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

### RoleStatus

public **RoleStatus**()

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

### isRoleStatus

public static boolean **isRoleStatus**(int status)

Returns true if given value corresponds to a known role status, false otherwise.

**Parameters:**status - a status code. **Returns:**true if this value is a known role status.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/RoleStatus.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/RoleResult.html)   [**NEXT CLASS**](http://docs.google.com/javax/management/relation/RoleUnresolved.html) | [**FRAMES**](http://docs.google.com/index.html?javax/management/relation/RoleStatus.html)    [**NO FRAMES**](http://docs.google.com/RoleStatus.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#1ksv4uv) | [METHOD](#2jxsxqh) |

[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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