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

## **javax.management.relation**

Interface RelationType

**All Superinterfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html) **All Known Implementing Classes:** [RelationTypeSupport](http://docs.google.com/javax/management/relation/RelationTypeSupport.html)

public interface **RelationType**extends [Serializable](http://docs.google.com/java/io/Serializable.html)

The RelationType interface has to be implemented by any class expected to represent a relation type.

**Since:** 1.5

| **Method Summary** | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | [**getRelationTypeName**](http://docs.google.com/javax/management/relation/RelationType.html#getRelationTypeName())()            Returns the relation type name. |
| [RoleInfo](http://docs.google.com/javax/management/relation/RoleInfo.html) | [**getRoleInfo**](http://docs.google.com/javax/management/relation/RelationType.html#getRoleInfo(java.lang.String))([String](http://docs.google.com/java/lang/String.html) roleInfoName)            Returns the role info (RoleInfo object) for the given role info name (null if not found). |
| [List](http://docs.google.com/java/util/List.html)<[RoleInfo](http://docs.google.com/javax/management/relation/RoleInfo.html)> | [**getRoleInfos**](http://docs.google.com/javax/management/relation/RelationType.html#getRoleInfos())()            Returns the list of role definitions (ArrayList of RoleInfo objects). |

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

### getRelationTypeName

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

Returns the relation type name.

**Returns:**the relation type name.

### getRoleInfos

[List](http://docs.google.com/java/util/List.html)<[RoleInfo](http://docs.google.com/javax/management/relation/RoleInfo.html)> **getRoleInfos**()

Returns the list of role definitions (ArrayList of RoleInfo objects).

**Returns:**an [ArrayList](http://docs.google.com/java/util/ArrayList.html) of [RoleInfo](http://docs.google.com/javax/management/relation/RoleInfo.html).

### getRoleInfo

[RoleInfo](http://docs.google.com/javax/management/relation/RoleInfo.html) **getRoleInfo**([String](http://docs.google.com/java/lang/String.html) roleInfoName)  
 throws [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html),  
 [RoleInfoNotFoundException](http://docs.google.com/javax/management/relation/RoleInfoNotFoundException.html)

Returns the role info (RoleInfo object) for the given role info name (null if not found).

**Parameters:**roleInfoName - role info name **Returns:**RoleInfo object providing role definition does not exist **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if null parameter [RoleInfoNotFoundException](http://docs.google.com/javax/management/relation/RoleInfoNotFoundException.html) - if no role info with that name in relation type.

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

[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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