| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/JMXPrincipal.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/remote/JMXConnectorServerProvider.html)   [**NEXT CLASS**](http://docs.google.com/javax/management/remote/JMXProviderException.html) | [**FRAMES**](http://docs.google.com/index.html?javax/management/remote/JMXPrincipal.html)    [**NO FRAMES**](http://docs.google.com/JMXPrincipal.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.remote**

Class JMXPrincipal

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

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

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

The identity of a remote client of the JMX Remote API.

Principals such as this JMXPrincipal may be associated with a particular Subject to augment that Subject with an additional identity. Refer to the [Subject](http://docs.google.com/javax/security/auth/Subject.html) class for more information on how to achieve this. Authorization decisions can then be based upon the Principals associated with a Subject.

**Since:** 1.5 **See Also:**[Principal](http://docs.google.com/java/security/Principal.html), [Subject](http://docs.google.com/javax/security/auth/Subject.html), [Serialized Form](http://docs.google.com/serialized-form.html#javax.management.remote.JMXPrincipal)

| **Constructor Summary** | |
| --- | --- |
| [**JMXPrincipal**](http://docs.google.com/javax/management/remote/JMXPrincipal.html#JMXPrincipal(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Creates a JMXPrincipal for a given identity. |

| **Method Summary** | |
| --- | --- |
| boolean | [**equals**](http://docs.google.com/javax/management/remote/JMXPrincipal.html#equals(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) o)            Compares the specified Object with this JMXPrincipal for equality. |
| [String](http://docs.google.com/java/lang/String.html) | [**getName**](http://docs.google.com/javax/management/remote/JMXPrincipal.html#getName())()            Returns the name of this principal. |
| int | [**hashCode**](http://docs.google.com/javax/management/remote/JMXPrincipal.html#hashCode())()            Returns a hash code for this JMXPrincipal. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/javax/management/remote/JMXPrincipal.html#toString())()            Returns a string representation of this JMXPrincipal. |

| **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()), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [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** |
| --- |

### JMXPrincipal

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

Creates a JMXPrincipal for a given identity.

**Parameters:**name - the JMX Remote API name for this identity. **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if the name is null.

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

### getName

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

Returns the name of this principal.

**Specified by:**[getName](http://docs.google.com/java/security/Principal.html#getName()) in interface [Principal](http://docs.google.com/java/security/Principal.html) **Returns:**the name of this JMXPrincipal.

### toString

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

Returns a string representation of this JMXPrincipal.

**Specified by:**[toString](http://docs.google.com/java/security/Principal.html#toString()) in interface [Principal](http://docs.google.com/java/security/Principal.html)**Overrides:**[toString](http://docs.google.com/java/lang/Object.html#toString()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a string representation of this JMXPrincipal.

### equals

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

Compares the specified Object with this JMXPrincipal for equality. Returns true if the given object is also a JMXPrincipal and the two JMXPrincipals have the same name.

**Specified by:**[equals](http://docs.google.com/java/security/Principal.html#equals(java.lang.Object)) in interface [Principal](http://docs.google.com/java/security/Principal.html)**Overrides:**[equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)) in class [Object](http://docs.google.com/java/lang/Object.html) **Parameters:**o - Object to be compared for equality with this JMXPrincipal. **Returns:**true if the specified Object is equal to this JMXPrincipal.**See Also:**[Object.hashCode()](http://docs.google.com/java/lang/Object.html#hashCode()), [Hashtable](http://docs.google.com/java/util/Hashtable.html)

### hashCode

public int **hashCode**()

Returns a hash code for this JMXPrincipal.

**Specified by:**[hashCode](http://docs.google.com/java/security/Principal.html#hashCode()) in interface [Principal](http://docs.google.com/java/security/Principal.html)**Overrides:**[hashCode](http://docs.google.com/java/lang/Object.html#hashCode()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a hash code for this JMXPrincipal.**See Also:**[Object.equals(java.lang.Object)](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [Hashtable](http://docs.google.com/java/util/Hashtable.html)

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