| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/security/Principal.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?java/security//class-usePrincipal.html)    [**NO FRAMES**](http://docs.google.com/Principal.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**java.security.Principal**

| Packages that use [Principal](http://docs.google.com/java/security/Principal.html) | |
| --- | --- |
| [**java.net**](#3znysh7) | Provides the classes for implementing networking applications. |
| [**java.security**](#2et92p0) | Provides the classes and interfaces for the security framework. |
| [**java.security.acl**](#tyjcwt) | The classes and interfaces in this package have been superseded by classes in the java.security package. |
| [**java.security.cert**](#3dy6vkm) | Provides classes and interfaces for parsing and managing certificates, certificate revocation lists (CRLs), and certification paths. |
| [**javax.management.remote**](#1t3h5sf) | Interfaces for remote access to JMX MBean servers. |
| [**javax.net.ssl**](#4d34og8) | Provides classes for the secure socket package. |
| [**javax.security.auth**](#2s8eyo1) | This package provides a framework for authentication and authorization. |
| [**javax.security.auth.kerberos**](#17dp8vu) | This package contains utility classes related to the Kerberos network authentication protocol. |
| [**javax.security.auth.x500**](#3rdcrjn) | This package contains the classes that should be used to store X500 Principal and X500 Private Crendentials in a *Subject*. |
| [**javax.security.cert**](#26in1rg) | Provides classes for public key certificates. |
| [**javax.xml.ws**](#lnxbz9) | This package contains the core JAX-WS APIs. |

| Uses of [Principal](http://docs.google.com/java/security/Principal.html) in [java.net](http://docs.google.com/java/net/package-summary.html) | |
| --- | --- |

| Methods in [java.net](http://docs.google.com/java/net/package-summary.html) that return [Principal](http://docs.google.com/java/security/Principal.html) | |
| --- | --- |
| abstract  [Principal](http://docs.google.com/java/security/Principal.html) | **SecureCacheResponse.**[**getLocalPrincipal**](http://docs.google.com/java/net/SecureCacheResponse.html#getLocalPrincipal())()            Returns the principal that was sent to the server during handshaking in the original connection that retrieved the network resource. |
| abstract  [Principal](http://docs.google.com/java/security/Principal.html) | **SecureCacheResponse.**[**getPeerPrincipal**](http://docs.google.com/java/net/SecureCacheResponse.html#getPeerPrincipal())()            Returns the server's principal which was established as part of defining the session during the original connection that retrieved the network resource. |

| Uses of [Principal](http://docs.google.com/java/security/Principal.html) in [java.security](http://docs.google.com/java/security/package-summary.html) | |
| --- | --- |

| Classes in [java.security](http://docs.google.com/java/security/package-summary.html) that implement [Principal](http://docs.google.com/java/security/Principal.html) | |
| --- | --- |
| class | [**Identity**](http://docs.google.com/java/security/Identity.html)  **Deprecated.** *This class is no longer used. Its functionality has been replaced by java.security.KeyStore, the java.security.cert package, and java.security.Principal.* |
| class | [**IdentityScope**](http://docs.google.com/java/security/IdentityScope.html)  **Deprecated.** *This class is no longer used. Its functionality has been replaced by java.security.KeyStore, the java.security.cert package, and java.security.Principal.* |
| class | [**Signer**](http://docs.google.com/java/security/Signer.html)  **Deprecated.** *This class is no longer used. Its functionality has been replaced by java.security.KeyStore, the java.security.cert package, and java.security.Principal.* |

| Methods in [java.security](http://docs.google.com/java/security/package-summary.html) that return [Principal](http://docs.google.com/java/security/Principal.html) | |
| --- | --- |
| [Principal](http://docs.google.com/java/security/Principal.html) | **Certificate.**[**getGuarantor**](http://docs.google.com/java/security/Certificate.html#getGuarantor())()  **Deprecated.** Returns the guarantor of the certificate, that is, the principal guaranteeing that the public key associated with this certificate is that of the principal associated with this certificate. |
| [Principal](http://docs.google.com/java/security/Principal.html) | **Certificate.**[**getPrincipal**](http://docs.google.com/java/security/Certificate.html#getPrincipal())()  **Deprecated.** Returns the principal of the principal-key pair being guaranteed by the guarantor. |
| [Principal](http://docs.google.com/java/security/Principal.html)[] | **ProtectionDomain.**[**getPrincipals**](http://docs.google.com/java/security/ProtectionDomain.html#getPrincipals())()            Returns an array of principals for this domain. |

| Methods in [java.security](http://docs.google.com/java/security/package-summary.html) with parameters of type [Principal](http://docs.google.com/java/security/Principal.html) | |
| --- | --- |
| [Identity](http://docs.google.com/java/security/Identity.html) | **IdentityScope.**[**getIdentity**](http://docs.google.com/java/security/IdentityScope.html#getIdentity(java.security.Principal))([Principal](http://docs.google.com/java/security/Principal.html) principal)  **Deprecated.** Retrieves the identity whose name is the same as that of the specified principal. |

| Constructors in [java.security](http://docs.google.com/java/security/package-summary.html) with parameters of type [Principal](http://docs.google.com/java/security/Principal.html) | |
| --- | --- |
| [**ProtectionDomain**](http://docs.google.com/java/security/ProtectionDomain.html#ProtectionDomain(java.security.CodeSource,%20java.security.PermissionCollection,%20java.lang.ClassLoader,%20java.security.Principal%5B%5D))([CodeSource](http://docs.google.com/java/security/CodeSource.html) codesource, [PermissionCollection](http://docs.google.com/java/security/PermissionCollection.html) permissions, [ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) classloader, [Principal](http://docs.google.com/java/security/Principal.html)[] principals)            Creates a new ProtectionDomain qualified by the given CodeSource, Permissions, ClassLoader and array of Principals. |

| Uses of [Principal](http://docs.google.com/java/security/Principal.html) in [java.security.acl](http://docs.google.com/java/security/acl/package-summary.html) | |
| --- | --- |

| Subinterfaces of [Principal](http://docs.google.com/java/security/Principal.html) in [java.security.acl](http://docs.google.com/java/security/acl/package-summary.html) | |
| --- | --- |
| interface | [**Group**](http://docs.google.com/java/security/acl/Group.html)            This interface is used to represent a group of principals. |

| Methods in [java.security.acl](http://docs.google.com/java/security/acl/package-summary.html) that return [Principal](http://docs.google.com/java/security/Principal.html) | |
| --- | --- |
| [Principal](http://docs.google.com/java/security/Principal.html) | **AclEntry.**[**getPrincipal**](http://docs.google.com/java/security/acl/AclEntry.html#getPrincipal())()            Returns the principal for which permissions are granted or denied by this ACL entry. |

| Methods in [java.security.acl](http://docs.google.com/java/security/acl/package-summary.html) that return types with arguments of type [Principal](http://docs.google.com/java/security/Principal.html) | |
| --- | --- |
| [Enumeration](http://docs.google.com/java/util/Enumeration.html)<? extends [Principal](http://docs.google.com/java/security/Principal.html)> | **Group.**[**members**](http://docs.google.com/java/security/acl/Group.html#members())()            Returns an enumeration of the members in the group. |

| Methods in [java.security.acl](http://docs.google.com/java/security/acl/package-summary.html) with parameters of type [Principal](http://docs.google.com/java/security/Principal.html) | |
| --- | --- |
| boolean | **Acl.**[**addEntry**](http://docs.google.com/java/security/acl/Acl.html#addEntry(java.security.Principal,%20java.security.acl.AclEntry))([Principal](http://docs.google.com/java/security/Principal.html) caller, [AclEntry](http://docs.google.com/java/security/acl/AclEntry.html) entry)            Adds an ACL entry to this ACL. |
| boolean | **Group.**[**addMember**](http://docs.google.com/java/security/acl/Group.html#addMember(java.security.Principal))([Principal](http://docs.google.com/java/security/Principal.html) user)            Adds the specified member to the group. |
| boolean | **Owner.**[**addOwner**](http://docs.google.com/java/security/acl/Owner.html#addOwner(java.security.Principal,%20java.security.Principal))([Principal](http://docs.google.com/java/security/Principal.html) caller, [Principal](http://docs.google.com/java/security/Principal.html) owner)            Adds an owner. |
| boolean | **Acl.**[**checkPermission**](http://docs.google.com/java/security/acl/Acl.html#checkPermission(java.security.Principal,%20java.security.acl.Permission))([Principal](http://docs.google.com/java/security/Principal.html) principal, [Permission](http://docs.google.com/java/security/acl/Permission.html) permission)            Checks whether or not the specified principal has the specified permission. |
| boolean | **Owner.**[**deleteOwner**](http://docs.google.com/java/security/acl/Owner.html#deleteOwner(java.security.Principal,%20java.security.Principal))([Principal](http://docs.google.com/java/security/Principal.html) caller, [Principal](http://docs.google.com/java/security/Principal.html) owner)            Deletes an owner. |
| [Enumeration](http://docs.google.com/java/util/Enumeration.html)<[Permission](http://docs.google.com/java/security/acl/Permission.html)> | **Acl.**[**getPermissions**](http://docs.google.com/java/security/acl/Acl.html#getPermissions(java.security.Principal))([Principal](http://docs.google.com/java/security/Principal.html) user)            Returns an enumeration for the set of allowed permissions for the specified principal (representing an entity such as an individual or a group). |
| boolean | **Group.**[**isMember**](http://docs.google.com/java/security/acl/Group.html#isMember(java.security.Principal))([Principal](http://docs.google.com/java/security/Principal.html) member)            Returns true if the passed principal is a member of the group. |
| boolean | **Owner.**[**isOwner**](http://docs.google.com/java/security/acl/Owner.html#isOwner(java.security.Principal))([Principal](http://docs.google.com/java/security/Principal.html) owner)            Returns true if the given principal is an owner of the ACL. |
| boolean | **Acl.**[**removeEntry**](http://docs.google.com/java/security/acl/Acl.html#removeEntry(java.security.Principal,%20java.security.acl.AclEntry))([Principal](http://docs.google.com/java/security/Principal.html) caller, [AclEntry](http://docs.google.com/java/security/acl/AclEntry.html) entry)            Removes an ACL entry from this ACL. |
| boolean | **Group.**[**removeMember**](http://docs.google.com/java/security/acl/Group.html#removeMember(java.security.Principal))([Principal](http://docs.google.com/java/security/Principal.html) user)            Removes the specified member from the group. |
| void | **Acl.**[**setName**](http://docs.google.com/java/security/acl/Acl.html#setName(java.security.Principal,%20java.lang.String))([Principal](http://docs.google.com/java/security/Principal.html) caller, [String](http://docs.google.com/java/lang/String.html) name)            Sets the name of this ACL. |
| boolean | **AclEntry.**[**setPrincipal**](http://docs.google.com/java/security/acl/AclEntry.html#setPrincipal(java.security.Principal))([Principal](http://docs.google.com/java/security/Principal.html) user)            Specifies the principal for which permissions are granted or denied by this ACL entry. |

| Uses of [Principal](http://docs.google.com/java/security/Principal.html) in [java.security.cert](http://docs.google.com/java/security/cert/package-summary.html) | |
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| Methods in [java.security.cert](http://docs.google.com/java/security/cert/package-summary.html) that return [Principal](http://docs.google.com/java/security/Principal.html) | |
| --- | --- |
| abstract  [Principal](http://docs.google.com/java/security/Principal.html) | **X509CRL.**[**getIssuerDN**](http://docs.google.com/java/security/cert/X509CRL.html#getIssuerDN())()  **Denigrated**, replaced by [X509CRL.getIssuerX500Principal()](http://docs.google.com/java/security/cert/X509CRL.html#getIssuerX500Principal()). |
| abstract  [Principal](http://docs.google.com/java/security/Principal.html) | **X509Certificate.**[**getIssuerDN**](http://docs.google.com/java/security/cert/X509Certificate.html#getIssuerDN())()  **Denigrated**, replaced by [X509Certificate.getIssuerX500Principal()](http://docs.google.com/java/security/cert/X509Certificate.html#getIssuerX500Principal()). |
| abstract  [Principal](http://docs.google.com/java/security/Principal.html) | **X509Certificate.**[**getSubjectDN**](http://docs.google.com/java/security/cert/X509Certificate.html#getSubjectDN())()  **Denigrated**, replaced by [X509Certificate.getSubjectX500Principal()](http://docs.google.com/java/security/cert/X509Certificate.html#getSubjectX500Principal()). |

| Uses of [Principal](http://docs.google.com/java/security/Principal.html) in [javax.management.remote](http://docs.google.com/javax/management/remote/package-summary.html) | |
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| Classes in [javax.management.remote](http://docs.google.com/javax/management/remote/package-summary.html) that implement [Principal](http://docs.google.com/java/security/Principal.html) | |
| --- | --- |
| class | [**JMXPrincipal**](http://docs.google.com/javax/management/remote/JMXPrincipal.html)            The identity of a remote client of the JMX Remote API. |

| Uses of [Principal](http://docs.google.com/java/security/Principal.html) in [javax.net.ssl](http://docs.google.com/javax/net/ssl/package-summary.html) | |
| --- | --- |

| Methods in [javax.net.ssl](http://docs.google.com/javax/net/ssl/package-summary.html) that return [Principal](http://docs.google.com/java/security/Principal.html) | |
| --- | --- |
| [Principal](http://docs.google.com/java/security/Principal.html) | **HandshakeCompletedEvent.**[**getLocalPrincipal**](http://docs.google.com/javax/net/ssl/HandshakeCompletedEvent.html#getLocalPrincipal())()            Returns the principal that was sent to the peer during handshaking. |
| [Principal](http://docs.google.com/java/security/Principal.html) | **SSLSession.**[**getLocalPrincipal**](http://docs.google.com/javax/net/ssl/SSLSession.html#getLocalPrincipal())()            Returns the principal that was sent to the peer during handshaking. |
| [Principal](http://docs.google.com/java/security/Principal.html) | **HttpsURLConnection.**[**getLocalPrincipal**](http://docs.google.com/javax/net/ssl/HttpsURLConnection.html#getLocalPrincipal())()            Returns the principal that was sent to the server during handshaking. |
| [Principal](http://docs.google.com/java/security/Principal.html) | **HandshakeCompletedEvent.**[**getPeerPrincipal**](http://docs.google.com/javax/net/ssl/HandshakeCompletedEvent.html#getPeerPrincipal())()            Returns the identity of the peer which was established as part of defining the session. |
| [Principal](http://docs.google.com/java/security/Principal.html) | **SSLSession.**[**getPeerPrincipal**](http://docs.google.com/javax/net/ssl/SSLSession.html#getPeerPrincipal())()            Returns the identity of the peer which was established as part of defining the session. |
| [Principal](http://docs.google.com/java/security/Principal.html) | **HttpsURLConnection.**[**getPeerPrincipal**](http://docs.google.com/javax/net/ssl/HttpsURLConnection.html#getPeerPrincipal())()            Returns the server's principal which was established as part of defining the session. |

| Methods in [javax.net.ssl](http://docs.google.com/javax/net/ssl/package-summary.html) with parameters of type [Principal](http://docs.google.com/java/security/Principal.html) | |
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| [String](http://docs.google.com/java/lang/String.html) | **X509KeyManager.**[**chooseClientAlias**](http://docs.google.com/javax/net/ssl/X509KeyManager.html#chooseClientAlias(java.lang.String%5B%5D,%20java.security.Principal%5B%5D,%20java.net.Socket))([String](http://docs.google.com/java/lang/String.html)[] keyType, [Principal](http://docs.google.com/java/security/Principal.html)[] issuers, [Socket](http://docs.google.com/java/net/Socket.html) socket)            Choose an alias to authenticate the client side of a secure socket given the public key type and the list of certificate issuer authorities recognized by the peer (if any). |
| [String](http://docs.google.com/java/lang/String.html) | **X509ExtendedKeyManager.**[**chooseEngineClientAlias**](http://docs.google.com/javax/net/ssl/X509ExtendedKeyManager.html#chooseEngineClientAlias(java.lang.String%5B%5D,%20java.security.Principal%5B%5D,%20javax.net.ssl.SSLEngine))([String](http://docs.google.com/java/lang/String.html)[] keyType, [Principal](http://docs.google.com/java/security/Principal.html)[] issuers, [SSLEngine](http://docs.google.com/javax/net/ssl/SSLEngine.html) engine)            Choose an alias to authenticate the client side of an SSLEngine connection given the public key type and the list of certificate issuer authorities recognized by the peer (if any). |
| [String](http://docs.google.com/java/lang/String.html) | **X509ExtendedKeyManager.**[**chooseEngineServerAlias**](http://docs.google.com/javax/net/ssl/X509ExtendedKeyManager.html#chooseEngineServerAlias(java.lang.String,%20java.security.Principal%5B%5D,%20javax.net.ssl.SSLEngine))([String](http://docs.google.com/java/lang/String.html) keyType, [Principal](http://docs.google.com/java/security/Principal.html)[] issuers, [SSLEngine](http://docs.google.com/javax/net/ssl/SSLEngine.html) engine)            Choose an alias to authenticate the server side of an SSLEngine connection given the public key type and the list of certificate issuer authorities recognized by the peer (if any). |
| [String](http://docs.google.com/java/lang/String.html) | **X509KeyManager.**[**chooseServerAlias**](http://docs.google.com/javax/net/ssl/X509KeyManager.html#chooseServerAlias(java.lang.String,%20java.security.Principal%5B%5D,%20java.net.Socket))([String](http://docs.google.com/java/lang/String.html) keyType, [Principal](http://docs.google.com/java/security/Principal.html)[] issuers, [Socket](http://docs.google.com/java/net/Socket.html) socket)            Choose an alias to authenticate the server side of a secure socket given the public key type and the list of certificate issuer authorities recognized by the peer (if any). |
| [String](http://docs.google.com/java/lang/String.html)[] | **X509KeyManager.**[**getClientAliases**](http://docs.google.com/javax/net/ssl/X509KeyManager.html#getClientAliases(java.lang.String,%20java.security.Principal%5B%5D))([String](http://docs.google.com/java/lang/String.html) keyType, [Principal](http://docs.google.com/java/security/Principal.html)[] issuers)            Get the matching aliases for authenticating the client side of a secure socket given the public key type and the list of certificate issuer authorities recognized by the peer (if any). |
| [String](http://docs.google.com/java/lang/String.html)[] | **X509KeyManager.**[**getServerAliases**](http://docs.google.com/javax/net/ssl/X509KeyManager.html#getServerAliases(java.lang.String,%20java.security.Principal%5B%5D))([String](http://docs.google.com/java/lang/String.html) keyType, [Principal](http://docs.google.com/java/security/Principal.html)[] issuers)            Get the matching aliases for authenticating the server side of a secure socket given the public key type and the list of certificate issuer authorities recognized by the peer (if any). |

| Uses of [Principal](http://docs.google.com/java/security/Principal.html) in [javax.security.auth](http://docs.google.com/javax/security/auth/package-summary.html) | |
| --- | --- |

| Methods in [javax.security.auth](http://docs.google.com/javax/security/auth/package-summary.html) with type parameters of type [Principal](http://docs.google.com/java/security/Principal.html) | |
| --- | --- |
| | <T extends [Principal](http://docs.google.com/java/security/Principal.html)>  [Set](http://docs.google.com/java/util/Set.html)<T> | | --- | | **Subject.**[**getPrincipals**](http://docs.google.com/javax/security/auth/Subject.html#getPrincipals(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<T> c)            Return a Set of Principals associated with this Subject that are instances or subclasses of the specified Class. |

| Methods in [javax.security.auth](http://docs.google.com/javax/security/auth/package-summary.html) that return types with arguments of type [Principal](http://docs.google.com/java/security/Principal.html) | |
| --- | --- |
| [Set](http://docs.google.com/java/util/Set.html)<[Principal](http://docs.google.com/java/security/Principal.html)> | **Subject.**[**getPrincipals**](http://docs.google.com/javax/security/auth/Subject.html#getPrincipals())()            Return the Set of Principals associated with this Subject. |

| Constructor parameters in [javax.security.auth](http://docs.google.com/javax/security/auth/package-summary.html) with type arguments of type [Principal](http://docs.google.com/java/security/Principal.html) | |
| --- | --- |
| [**Subject**](http://docs.google.com/javax/security/auth/Subject.html#Subject(boolean,%20java.util.Set,%20java.util.Set,%20java.util.Set))(boolean readOnly, [Set](http://docs.google.com/java/util/Set.html)<? extends [Principal](http://docs.google.com/java/security/Principal.html)> principals, [Set](http://docs.google.com/java/util/Set.html)<?> pubCredentials, [Set](http://docs.google.com/java/util/Set.html)<?> privCredentials)            Create an instance of a Subject with Principals and credentials. |

| Uses of [Principal](http://docs.google.com/java/security/Principal.html) in [javax.security.auth.kerberos](http://docs.google.com/javax/security/auth/kerberos/package-summary.html) | |
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| Classes in [javax.security.auth.kerberos](http://docs.google.com/javax/security/auth/kerberos/package-summary.html) that implement [Principal](http://docs.google.com/java/security/Principal.html) | |
| --- | --- |
| class | [**KerberosPrincipal**](http://docs.google.com/javax/security/auth/kerberos/KerberosPrincipal.html)            This class encapsulates a Kerberos principal. |

| Uses of [Principal](http://docs.google.com/java/security/Principal.html) in [javax.security.auth.x500](http://docs.google.com/javax/security/auth/x500/package-summary.html) | |
| --- | --- |

| Classes in [javax.security.auth.x500](http://docs.google.com/javax/security/auth/x500/package-summary.html) that implement [Principal](http://docs.google.com/java/security/Principal.html) | |
| --- | --- |
| class | [**X500Principal**](http://docs.google.com/javax/security/auth/x500/X500Principal.html)             This class represents an X.500 Principal. |

| Uses of [Principal](http://docs.google.com/java/security/Principal.html) in [javax.security.cert](http://docs.google.com/javax/security/cert/package-summary.html) | |
| --- | --- |

| Methods in [javax.security.cert](http://docs.google.com/javax/security/cert/package-summary.html) that return [Principal](http://docs.google.com/java/security/Principal.html) | |
| --- | --- |
| abstract  [Principal](http://docs.google.com/java/security/Principal.html) | **X509Certificate.**[**getIssuerDN**](http://docs.google.com/javax/security/cert/X509Certificate.html#getIssuerDN())()            Gets the issuer (issuer distinguished name) value from the certificate. |
| abstract  [Principal](http://docs.google.com/java/security/Principal.html) | **X509Certificate.**[**getSubjectDN**](http://docs.google.com/javax/security/cert/X509Certificate.html#getSubjectDN())()            Gets the subject (subject distinguished name) value from the certificate. |

| Uses of [Principal](http://docs.google.com/java/security/Principal.html) in [javax.xml.ws](http://docs.google.com/javax/xml/ws/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.ws](http://docs.google.com/javax/xml/ws/package-summary.html) that return [Principal](http://docs.google.com/java/security/Principal.html) | |
| --- | --- |
| [Principal](http://docs.google.com/java/security/Principal.html) | **WebServiceContext.**[**getUserPrincipal**](http://docs.google.com/javax/xml/ws/WebServiceContext.html#getUserPrincipal())()            Returns the Principal that identifies the sender of the request currently being serviced. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/security/Principal.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?java/security//class-usePrincipal.html)    [**NO FRAMES**](http://docs.google.com/Principal.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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