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

**Uses of Class**

**java.security.KeyStoreException**

| Packages that use [KeyStoreException](http://docs.google.com/java/security/KeyStoreException.html) | |
| --- | --- |
| [**java.security**](#3znysh7) | Provides the classes and interfaces for the security framework. |
| [**java.security.cert**](#2et92p0) | Provides classes and interfaces for parsing and managing certificates, certificate revocation lists (CRLs), and certification paths. |
| [**javax.net.ssl**](#tyjcwt) | Provides classes for the secure socket package. |

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

| Methods in [java.security](http://docs.google.com/java/security/package-summary.html) that throw [KeyStoreException](http://docs.google.com/java/security/KeyStoreException.html) | |
| --- | --- |
| [Enumeration](http://docs.google.com/java/util/Enumeration.html)<[String](http://docs.google.com/java/lang/String.html)> | **KeyStore.**[**aliases**](http://docs.google.com/java/security/KeyStore.html#aliases())()            Lists all the alias names of this keystore. |
| boolean | **KeyStore.**[**containsAlias**](http://docs.google.com/java/security/KeyStore.html#containsAlias(java.lang.String))([String](http://docs.google.com/java/lang/String.html) alias)            Checks if the given alias exists in this keystore. |
| void | **KeyStore.**[**deleteEntry**](http://docs.google.com/java/security/KeyStore.html#deleteEntry(java.lang.String))([String](http://docs.google.com/java/lang/String.html) alias)            Deletes the entry identified by the given alias from this keystore. |
| abstract  void | **KeyStoreSpi.**[**engineDeleteEntry**](http://docs.google.com/java/security/KeyStoreSpi.html#engineDeleteEntry(java.lang.String))([String](http://docs.google.com/java/lang/String.html) alias)            Deletes the entry identified by the given alias from this keystore. |
| [KeyStore.Entry](http://docs.google.com/java/security/KeyStore.Entry.html) | **KeyStoreSpi.**[**engineGetEntry**](http://docs.google.com/java/security/KeyStoreSpi.html#engineGetEntry(java.lang.String,%20java.security.KeyStore.ProtectionParameter))([String](http://docs.google.com/java/lang/String.html) alias, [KeyStore.ProtectionParameter](http://docs.google.com/java/security/KeyStore.ProtectionParameter.html) protParam)            Gets a KeyStore.Entry for the specified alias with the specified protection parameter. |
| abstract  void | **KeyStoreSpi.**[**engineSetCertificateEntry**](http://docs.google.com/java/security/KeyStoreSpi.html#engineSetCertificateEntry(java.lang.String,%20java.security.cert.Certificate))([String](http://docs.google.com/java/lang/String.html) alias, [Certificate](http://docs.google.com/java/security/cert/Certificate.html) cert)            Assigns the given certificate to the given alias. |
| void | **KeyStoreSpi.**[**engineSetEntry**](http://docs.google.com/java/security/KeyStoreSpi.html#engineSetEntry(java.lang.String,%20java.security.KeyStore.Entry,%20java.security.KeyStore.ProtectionParameter))([String](http://docs.google.com/java/lang/String.html) alias, [KeyStore.Entry](http://docs.google.com/java/security/KeyStore.Entry.html) entry, [KeyStore.ProtectionParameter](http://docs.google.com/java/security/KeyStore.ProtectionParameter.html) protParam)            Saves a KeyStore.Entry under the specified alias. |
| abstract  void | **KeyStoreSpi.**[**engineSetKeyEntry**](http://docs.google.com/java/security/KeyStoreSpi.html#engineSetKeyEntry(java.lang.String,%20byte%5B%5D,%20java.security.cert.Certificate%5B%5D))([String](http://docs.google.com/java/lang/String.html) alias, byte[] key, [Certificate](http://docs.google.com/java/security/cert/Certificate.html)[] chain)            Assigns the given key (that has already been protected) to the given alias. |
| abstract  void | **KeyStoreSpi.**[**engineSetKeyEntry**](http://docs.google.com/java/security/KeyStoreSpi.html#engineSetKeyEntry(java.lang.String,%20java.security.Key,%20char%5B%5D,%20java.security.cert.Certificate%5B%5D))([String](http://docs.google.com/java/lang/String.html) alias, [Key](http://docs.google.com/java/security/Key.html) key, char[] password, [Certificate](http://docs.google.com/java/security/cert/Certificate.html)[] chain)            Assigns the given key to the given alias, protecting it with the given password. |
| boolean | **KeyStore.**[**entryInstanceOf**](http://docs.google.com/java/security/KeyStore.html#entryInstanceOf(java.lang.String,%20java.lang.Class))([String](http://docs.google.com/java/lang/String.html) alias, [Class](http://docs.google.com/java/lang/Class.html)<? extends [KeyStore.Entry](http://docs.google.com/java/security/KeyStore.Entry.html)> entryClass)            Determines if the keystore Entry for the specified alias is an instance or subclass of the specified entryClass. |
| [Certificate](http://docs.google.com/java/security/cert/Certificate.html) | **KeyStore.**[**getCertificate**](http://docs.google.com/java/security/KeyStore.html#getCertificate(java.lang.String))([String](http://docs.google.com/java/lang/String.html) alias)            Returns the certificate associated with the given alias. |
| [String](http://docs.google.com/java/lang/String.html) | **KeyStore.**[**getCertificateAlias**](http://docs.google.com/java/security/KeyStore.html#getCertificateAlias(java.security.cert.Certificate))([Certificate](http://docs.google.com/java/security/cert/Certificate.html) cert)            Returns the (alias) name of the first keystore entry whose certificate matches the given certificate. |
| [Certificate](http://docs.google.com/java/security/cert/Certificate.html)[] | **KeyStore.**[**getCertificateChain**](http://docs.google.com/java/security/KeyStore.html#getCertificateChain(java.lang.String))([String](http://docs.google.com/java/lang/String.html) alias)            Returns the certificate chain associated with the given alias. |
| [Date](http://docs.google.com/java/util/Date.html) | **KeyStore.**[**getCreationDate**](http://docs.google.com/java/security/KeyStore.html#getCreationDate(java.lang.String))([String](http://docs.google.com/java/lang/String.html) alias)            Returns the creation date of the entry identified by the given alias. |
| [KeyStore.Entry](http://docs.google.com/java/security/KeyStore.Entry.html) | **KeyStore.**[**getEntry**](http://docs.google.com/java/security/KeyStore.html#getEntry(java.lang.String,%20java.security.KeyStore.ProtectionParameter))([String](http://docs.google.com/java/lang/String.html) alias, [KeyStore.ProtectionParameter](http://docs.google.com/java/security/KeyStore.ProtectionParameter.html) protParam)            Gets a keystore Entry for the specified alias with the specified protection parameter. |
| static [KeyStore](http://docs.google.com/java/security/KeyStore.html) | **KeyStore.**[**getInstance**](http://docs.google.com/java/security/KeyStore.html#getInstance(java.lang.String))([String](http://docs.google.com/java/lang/String.html) type)            Returns a keystore object of the specified type. |
| static [KeyStore](http://docs.google.com/java/security/KeyStore.html) | **KeyStore.**[**getInstance**](http://docs.google.com/java/security/KeyStore.html#getInstance(java.lang.String,%20java.security.Provider))([String](http://docs.google.com/java/lang/String.html) type, [Provider](http://docs.google.com/java/security/Provider.html) provider)            Returns a keystore object of the specified type. |
| static [KeyStore](http://docs.google.com/java/security/KeyStore.html) | **KeyStore.**[**getInstance**](http://docs.google.com/java/security/KeyStore.html#getInstance(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) type, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a keystore object of the specified type. |
| [Key](http://docs.google.com/java/security/Key.html) | **KeyStore.**[**getKey**](http://docs.google.com/java/security/KeyStore.html#getKey(java.lang.String,%20char%5B%5D))([String](http://docs.google.com/java/lang/String.html) alias, char[] password)            Returns the key associated with the given alias, using the given password to recover it. |
| abstract  [KeyStore](http://docs.google.com/java/security/KeyStore.html) | **KeyStore.Builder.**[**getKeyStore**](http://docs.google.com/java/security/KeyStore.Builder.html#getKeyStore())()            Returns the KeyStore described by this object. |
| abstract  [KeyStore.ProtectionParameter](http://docs.google.com/java/security/KeyStore.ProtectionParameter.html) | **KeyStore.Builder.**[**getProtectionParameter**](http://docs.google.com/java/security/KeyStore.Builder.html#getProtectionParameter(java.lang.String))([String](http://docs.google.com/java/lang/String.html) alias)            Returns the ProtectionParameters that should be used to obtain the [Entry](http://docs.google.com/java/security/KeyStore.Entry.html) with the given alias. |
| boolean | **KeyStore.**[**isCertificateEntry**](http://docs.google.com/java/security/KeyStore.html#isCertificateEntry(java.lang.String))([String](http://docs.google.com/java/lang/String.html) alias)            Returns true if the entry identified by the given alias was created by a call to setCertificateEntry, or created by a call to setEntry with a TrustedCertificateEntry. |
| boolean | **KeyStore.**[**isKeyEntry**](http://docs.google.com/java/security/KeyStore.html#isKeyEntry(java.lang.String))([String](http://docs.google.com/java/lang/String.html) alias)            Returns true if the entry identified by the given alias was created by a call to setKeyEntry, or created by a call to setEntry with a PrivateKeyEntry or a SecretKeyEntry. |
| void | **KeyStore.**[**setCertificateEntry**](http://docs.google.com/java/security/KeyStore.html#setCertificateEntry(java.lang.String,%20java.security.cert.Certificate))([String](http://docs.google.com/java/lang/String.html) alias, [Certificate](http://docs.google.com/java/security/cert/Certificate.html) cert)            Assigns the given trusted certificate to the given alias. |
| void | **KeyStore.**[**setEntry**](http://docs.google.com/java/security/KeyStore.html#setEntry(java.lang.String,%20java.security.KeyStore.Entry,%20java.security.KeyStore.ProtectionParameter))([String](http://docs.google.com/java/lang/String.html) alias, [KeyStore.Entry](http://docs.google.com/java/security/KeyStore.Entry.html) entry, [KeyStore.ProtectionParameter](http://docs.google.com/java/security/KeyStore.ProtectionParameter.html) protParam)            Saves a keystore Entry under the specified alias. |
| void | **KeyStore.**[**setKeyEntry**](http://docs.google.com/java/security/KeyStore.html#setKeyEntry(java.lang.String,%20byte%5B%5D,%20java.security.cert.Certificate%5B%5D))([String](http://docs.google.com/java/lang/String.html) alias, byte[] key, [Certificate](http://docs.google.com/java/security/cert/Certificate.html)[] chain)            Assigns the given key (that has already been protected) to the given alias. |
| void | **KeyStore.**[**setKeyEntry**](http://docs.google.com/java/security/KeyStore.html#setKeyEntry(java.lang.String,%20java.security.Key,%20char%5B%5D,%20java.security.cert.Certificate%5B%5D))([String](http://docs.google.com/java/lang/String.html) alias, [Key](http://docs.google.com/java/security/Key.html) key, char[] password, [Certificate](http://docs.google.com/java/security/cert/Certificate.html)[] chain)            Assigns the given key to the given alias, protecting it with the given password. |
| int | **KeyStore.**[**size**](http://docs.google.com/java/security/KeyStore.html#size())()            Retrieves the number of entries in this keystore. |
| void | **KeyStore.**[**store**](http://docs.google.com/java/security/KeyStore.html#store(java.security.KeyStore.LoadStoreParameter))([KeyStore.LoadStoreParameter](http://docs.google.com/java/security/KeyStore.LoadStoreParameter.html) param)            Stores this keystore using the given LoadStoreParameter. |
| void | **KeyStore.**[**store**](http://docs.google.com/java/security/KeyStore.html#store(java.io.OutputStream,%20char%5B%5D))([OutputStream](http://docs.google.com/java/io/OutputStream.html) stream, char[] password)            Stores this keystore to the given output stream, and protects its integrity with the given password. |

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

| Constructors in [java.security.cert](http://docs.google.com/java/security/cert/package-summary.html) that throw [KeyStoreException](http://docs.google.com/java/security/KeyStoreException.html) | |
| --- | --- |
| [**PKIXBuilderParameters**](http://docs.google.com/java/security/cert/PKIXBuilderParameters.html#PKIXBuilderParameters(java.security.KeyStore,%20java.security.cert.CertSelector))([KeyStore](http://docs.google.com/java/security/KeyStore.html) keystore, [CertSelector](http://docs.google.com/java/security/cert/CertSelector.html) targetConstraints)            Creates an instance of PKIXBuilderParameters that populates the set of most-trusted CAs from the trusted certificate entries contained in the specified KeyStore. |
| [**PKIXParameters**](http://docs.google.com/java/security/cert/PKIXParameters.html#PKIXParameters(java.security.KeyStore))([KeyStore](http://docs.google.com/java/security/KeyStore.html) keystore)            Creates an instance of PKIXParameters that populates the set of most-trusted CAs from the trusted certificate entries contained in the specified KeyStore. |

| Uses of [KeyStoreException](http://docs.google.com/java/security/KeyStoreException.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 throw [KeyStoreException](http://docs.google.com/java/security/KeyStoreException.html) | |
| --- | --- |
| protected abstract  void | **TrustManagerFactorySpi.**[**engineInit**](http://docs.google.com/javax/net/ssl/TrustManagerFactorySpi.html#engineInit(java.security.KeyStore))([KeyStore](http://docs.google.com/java/security/KeyStore.html) ks)            Initializes this factory with a source of certificate authorities and related trust material. |
| protected abstract  void | **KeyManagerFactorySpi.**[**engineInit**](http://docs.google.com/javax/net/ssl/KeyManagerFactorySpi.html#engineInit(java.security.KeyStore,%20char%5B%5D))([KeyStore](http://docs.google.com/java/security/KeyStore.html) ks, char[] password)            Initializes this factory with a source of key material. |
| void | **TrustManagerFactory.**[**init**](http://docs.google.com/javax/net/ssl/TrustManagerFactory.html#init(java.security.KeyStore))([KeyStore](http://docs.google.com/java/security/KeyStore.html) ks)            Initializes this factory with a source of certificate authorities and related trust material. |
| void | **KeyManagerFactory.**[**init**](http://docs.google.com/javax/net/ssl/KeyManagerFactory.html#init(java.security.KeyStore,%20char%5B%5D))([KeyStore](http://docs.google.com/java/security/KeyStore.html) ks, char[] password)            Initializes this factory with a source of key material. |

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

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).