| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/security/cert/CertificateException.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*** |
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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/security/cert//class-useCertificateException.html)    [**NO FRAMES**](http://docs.google.com/CertificateException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.security.cert.CertificateException**

| Packages that use [CertificateException](http://docs.google.com/java/security/cert/CertificateException.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 [CertificateException](http://docs.google.com/java/security/cert/CertificateException.html) in [java.security](http://docs.google.com/java/security/package-summary.html) | |
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| Methods in [java.security](http://docs.google.com/java/security/package-summary.html) that throw [CertificateException](http://docs.google.com/java/security/cert/CertificateException.html) | |
| --- | --- |
| abstract  void | **KeyStoreSpi.**[**engineLoad**](http://docs.google.com/java/security/KeyStoreSpi.html#engineLoad(java.io.InputStream,%20char%5B%5D))([InputStream](http://docs.google.com/java/io/InputStream.html) stream, char[] password)            Loads the keystore from the given input stream. |
| void | **KeyStoreSpi.**[**engineLoad**](http://docs.google.com/java/security/KeyStoreSpi.html#engineLoad(java.security.KeyStore.LoadStoreParameter))([KeyStore.LoadStoreParameter](http://docs.google.com/java/security/KeyStore.LoadStoreParameter.html) param)            Loads the keystore using the given KeyStore.LoadStoreParameter. |
| void | **KeyStoreSpi.**[**engineStore**](http://docs.google.com/java/security/KeyStoreSpi.html#engineStore(java.security.KeyStore.LoadStoreParameter))([KeyStore.LoadStoreParameter](http://docs.google.com/java/security/KeyStore.LoadStoreParameter.html) param)            Stores this keystore using the given KeyStore.LoadStoreParmeter. |
| abstract  void | **KeyStoreSpi.**[**engineStore**](http://docs.google.com/java/security/KeyStoreSpi.html#engineStore(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. |
| void | **KeyStore.**[**load**](http://docs.google.com/java/security/KeyStore.html#load(java.io.InputStream,%20char%5B%5D))([InputStream](http://docs.google.com/java/io/InputStream.html) stream, char[] password)            Loads this KeyStore from the given input stream. |
| void | **KeyStore.**[**load**](http://docs.google.com/java/security/KeyStore.html#load(java.security.KeyStore.LoadStoreParameter))([KeyStore.LoadStoreParameter](http://docs.google.com/java/security/KeyStore.LoadStoreParameter.html) param)            Loads this keystore using the given LoadStoreParameter. |
| 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 [CertificateException](http://docs.google.com/java/security/cert/CertificateException.html) in [java.security.cert](http://docs.google.com/java/security/cert/package-summary.html) | |
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| Subclasses of [CertificateException](http://docs.google.com/java/security/cert/CertificateException.html) in [java.security.cert](http://docs.google.com/java/security/cert/package-summary.html) | |
| --- | --- |
| class | [**CertificateEncodingException**](http://docs.google.com/java/security/cert/CertificateEncodingException.html)            Certificate Encoding Exception. |
| class | [**CertificateExpiredException**](http://docs.google.com/java/security/cert/CertificateExpiredException.html)            Certificate Expired Exception. |
| class | [**CertificateNotYetValidException**](http://docs.google.com/java/security/cert/CertificateNotYetValidException.html)            Certificate is not yet valid exception. |
| class | [**CertificateParsingException**](http://docs.google.com/java/security/cert/CertificateParsingException.html)            Certificate Parsing Exception. |

| Methods in [java.security.cert](http://docs.google.com/java/security/cert/package-summary.html) that throw [CertificateException](http://docs.google.com/java/security/cert/CertificateException.html) | |
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| abstract  [Certificate](http://docs.google.com/java/security/cert/Certificate.html) | **CertificateFactorySpi.**[**engineGenerateCertificate**](http://docs.google.com/java/security/cert/CertificateFactorySpi.html#engineGenerateCertificate(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream)            Generates a certificate object and initializes it with the data read from the input stream inStream. |
| abstract  [Collection](http://docs.google.com/java/util/Collection.html)<? extends [Certificate](http://docs.google.com/java/security/cert/Certificate.html)> | **CertificateFactorySpi.**[**engineGenerateCertificates**](http://docs.google.com/java/security/cert/CertificateFactorySpi.html#engineGenerateCertificates(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream)            Returns a (possibly empty) collection view of the certificates read from the given input stream inStream. |
| [CertPath](http://docs.google.com/java/security/cert/CertPath.html) | **CertificateFactorySpi.**[**engineGenerateCertPath**](http://docs.google.com/java/security/cert/CertificateFactorySpi.html#engineGenerateCertPath(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream)            Generates a CertPath object and initializes it with the data read from the InputStream inStream. |
| [CertPath](http://docs.google.com/java/security/cert/CertPath.html) | **CertificateFactorySpi.**[**engineGenerateCertPath**](http://docs.google.com/java/security/cert/CertificateFactorySpi.html#engineGenerateCertPath(java.io.InputStream,%20java.lang.String))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream, [String](http://docs.google.com/java/lang/String.html) encoding)            Generates a CertPath object and initializes it with the data read from the InputStream inStream. |
| [CertPath](http://docs.google.com/java/security/cert/CertPath.html) | **CertificateFactorySpi.**[**engineGenerateCertPath**](http://docs.google.com/java/security/cert/CertificateFactorySpi.html#engineGenerateCertPath(java.util.List))([List](http://docs.google.com/java/util/List.html)<? extends [Certificate](http://docs.google.com/java/security/cert/Certificate.html)> certificates)            Generates a CertPath object and initializes it with a List of Certificates. |
| [Certificate](http://docs.google.com/java/security/cert/Certificate.html) | **CertificateFactory.**[**generateCertificate**](http://docs.google.com/java/security/cert/CertificateFactory.html#generateCertificate(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream)            Generates a certificate object and initializes it with the data read from the input stream inStream. |
| [Collection](http://docs.google.com/java/util/Collection.html)<? extends [Certificate](http://docs.google.com/java/security/cert/Certificate.html)> | **CertificateFactory.**[**generateCertificates**](http://docs.google.com/java/security/cert/CertificateFactory.html#generateCertificates(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream)            Returns a (possibly empty) collection view of the certificates read from the given input stream inStream. |
| [CertPath](http://docs.google.com/java/security/cert/CertPath.html) | **CertificateFactory.**[**generateCertPath**](http://docs.google.com/java/security/cert/CertificateFactory.html#generateCertPath(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream)            Generates a CertPath object and initializes it with the data read from the InputStream inStream. |
| [CertPath](http://docs.google.com/java/security/cert/CertPath.html) | **CertificateFactory.**[**generateCertPath**](http://docs.google.com/java/security/cert/CertificateFactory.html#generateCertPath(java.io.InputStream,%20java.lang.String))([InputStream](http://docs.google.com/java/io/InputStream.html) inStream, [String](http://docs.google.com/java/lang/String.html) encoding)            Generates a CertPath object and initializes it with the data read from the InputStream inStream. |
| [CertPath](http://docs.google.com/java/security/cert/CertPath.html) | **CertificateFactory.**[**generateCertPath**](http://docs.google.com/java/security/cert/CertificateFactory.html#generateCertPath(java.util.List))([List](http://docs.google.com/java/util/List.html)<? extends [Certificate](http://docs.google.com/java/security/cert/Certificate.html)> certificates)            Generates a CertPath object and initializes it with a List of Certificates. |
| static [CertificateFactory](http://docs.google.com/java/security/cert/CertificateFactory.html) | **CertificateFactory.**[**getInstance**](http://docs.google.com/java/security/cert/CertificateFactory.html#getInstance(java.lang.String))([String](http://docs.google.com/java/lang/String.html) type)            Returns a certificate factory object that implements the specified certificate type. |
| static [CertificateFactory](http://docs.google.com/java/security/cert/CertificateFactory.html) | **CertificateFactory.**[**getInstance**](http://docs.google.com/java/security/cert/CertificateFactory.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 certificate factory object for the specified certificate type. |
| static [CertificateFactory](http://docs.google.com/java/security/cert/CertificateFactory.html) | **CertificateFactory.**[**getInstance**](http://docs.google.com/java/security/cert/CertificateFactory.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 certificate factory object for the specified certificate type. |
| abstract  void | **Certificate.**[**verify**](http://docs.google.com/java/security/cert/Certificate.html#verify(java.security.PublicKey))([PublicKey](http://docs.google.com/java/security/PublicKey.html) key)            Verifies that this certificate was signed using the private key that corresponds to the specified public key. |
| abstract  void | **Certificate.**[**verify**](http://docs.google.com/java/security/cert/Certificate.html#verify(java.security.PublicKey,%20java.lang.String))([PublicKey](http://docs.google.com/java/security/PublicKey.html) key, [String](http://docs.google.com/java/lang/String.html) sigProvider)            Verifies that this certificate was signed using the private key that corresponds to the specified public key. |

| Uses of [CertificateException](http://docs.google.com/java/security/cert/CertificateException.html) in [javax.net.ssl](http://docs.google.com/javax/net/ssl/package-summary.html) | |
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| Methods in [javax.net.ssl](http://docs.google.com/javax/net/ssl/package-summary.html) that throw [CertificateException](http://docs.google.com/java/security/cert/CertificateException.html) | |
| --- | --- |
| void | **X509TrustManager.**[**checkClientTrusted**](http://docs.google.com/javax/net/ssl/X509TrustManager.html#checkClientTrusted(java.security.cert.X509Certificate%5B%5D,%20java.lang.String))([X509Certificate](http://docs.google.com/java/security/cert/X509Certificate.html)[] chain, [String](http://docs.google.com/java/lang/String.html) authType)            Given the partial or complete certificate chain provided by the peer, build a certificate path to a trusted root and return if it can be validated and is trusted for client SSL authentication based on the authentication type. |
| void | **X509TrustManager.**[**checkServerTrusted**](http://docs.google.com/javax/net/ssl/X509TrustManager.html#checkServerTrusted(java.security.cert.X509Certificate%5B%5D,%20java.lang.String))([X509Certificate](http://docs.google.com/java/security/cert/X509Certificate.html)[] chain, [String](http://docs.google.com/java/lang/String.html) authType)            Given the partial or complete certificate chain provided by the peer, build a certificate path to a trusted root and return if it can be validated and is trusted for server SSL authentication based on the authentication type. |

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