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

**Uses of Class**

**java.security.cert.CertPath**

| Packages that use [CertPath](http://docs.google.com/java/security/cert/CertPath.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. |

| Uses of [CertPath](http://docs.google.com/java/security/cert/CertPath.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 return [CertPath](http://docs.google.com/java/security/cert/CertPath.html) | |
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| [CertPath](http://docs.google.com/java/security/cert/CertPath.html) | **Timestamp.**[**getSignerCertPath**](http://docs.google.com/java/security/Timestamp.html#getSignerCertPath())()            Returns the certificate path for the Timestamping Authority. |
| [CertPath](http://docs.google.com/java/security/cert/CertPath.html) | **CodeSigner.**[**getSignerCertPath**](http://docs.google.com/java/security/CodeSigner.html#getSignerCertPath())()            Returns the signer's certificate path. |

| Constructors in [java.security](http://docs.google.com/java/security/package-summary.html) with parameters of type [CertPath](http://docs.google.com/java/security/cert/CertPath.html) | |
| --- | --- |
| [**CodeSigner**](http://docs.google.com/java/security/CodeSigner.html#CodeSigner(java.security.cert.CertPath,%20java.security.Timestamp))([CertPath](http://docs.google.com/java/security/cert/CertPath.html) signerCertPath, [Timestamp](http://docs.google.com/java/security/Timestamp.html) timestamp)            Constructs a CodeSigner object. |
| [**Timestamp**](http://docs.google.com/java/security/Timestamp.html#Timestamp(java.util.Date,%20java.security.cert.CertPath))([Date](http://docs.google.com/java/util/Date.html) timestamp, [CertPath](http://docs.google.com/java/security/cert/CertPath.html) signerCertPath)            Constructs a Timestamp. |

| Uses of [CertPath](http://docs.google.com/java/security/cert/CertPath.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 [CertPath](http://docs.google.com/java/security/cert/CertPath.html) | |
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| [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. |
| [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. |
| [CertPath](http://docs.google.com/java/security/cert/CertPath.html) | **PKIXCertPathBuilderResult.**[**getCertPath**](http://docs.google.com/java/security/cert/PKIXCertPathBuilderResult.html#getCertPath())()            Returns the built and validated certification path. |
| [CertPath](http://docs.google.com/java/security/cert/CertPath.html) | **CertPathValidatorException.**[**getCertPath**](http://docs.google.com/java/security/cert/CertPathValidatorException.html#getCertPath())()            Returns the certification path that was being validated when the exception was thrown. |
| [CertPath](http://docs.google.com/java/security/cert/CertPath.html) | **CertPathBuilderResult.**[**getCertPath**](http://docs.google.com/java/security/cert/CertPathBuilderResult.html#getCertPath())()            Returns the built certification path. |

| Methods in [java.security.cert](http://docs.google.com/java/security/cert/package-summary.html) with parameters of type [CertPath](http://docs.google.com/java/security/cert/CertPath.html) | |
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| abstract  [CertPathValidatorResult](http://docs.google.com/java/security/cert/CertPathValidatorResult.html) | **CertPathValidatorSpi.**[**engineValidate**](http://docs.google.com/java/security/cert/CertPathValidatorSpi.html#engineValidate(java.security.cert.CertPath,%20java.security.cert.CertPathParameters))([CertPath](http://docs.google.com/java/security/cert/CertPath.html) certPath, [CertPathParameters](http://docs.google.com/java/security/cert/CertPathParameters.html) params)            Validates the specified certification path using the specified algorithm parameter set. |
| [CertPathValidatorResult](http://docs.google.com/java/security/cert/CertPathValidatorResult.html) | **CertPathValidator.**[**validate**](http://docs.google.com/java/security/cert/CertPathValidator.html#validate(java.security.cert.CertPath,%20java.security.cert.CertPathParameters))([CertPath](http://docs.google.com/java/security/cert/CertPath.html) certPath, [CertPathParameters](http://docs.google.com/java/security/cert/CertPathParameters.html) params)            Validates the specified certification path using the specified algorithm parameter set. |

| Constructors in [java.security.cert](http://docs.google.com/java/security/cert/package-summary.html) with parameters of type [CertPath](http://docs.google.com/java/security/cert/CertPath.html) | |
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| [**CertPathValidatorException**](http://docs.google.com/java/security/cert/CertPathValidatorException.html#CertPathValidatorException(java.lang.String,%20java.lang.Throwable,%20java.security.cert.CertPath,%20int))([String](http://docs.google.com/java/lang/String.html) msg, [Throwable](http://docs.google.com/java/lang/Throwable.html) cause, [CertPath](http://docs.google.com/java/security/cert/CertPath.html) certPath, int index)            Creates a CertPathValidatorException with the specified detail message, cause, certification path, and index. |
| [**PKIXCertPathBuilderResult**](http://docs.google.com/java/security/cert/PKIXCertPathBuilderResult.html#PKIXCertPathBuilderResult(java.security.cert.CertPath,%20java.security.cert.TrustAnchor,%20java.security.cert.PolicyNode,%20java.security.PublicKey))([CertPath](http://docs.google.com/java/security/cert/CertPath.html) certPath, [TrustAnchor](http://docs.google.com/java/security/cert/TrustAnchor.html) trustAnchor, [PolicyNode](http://docs.google.com/java/security/cert/PolicyNode.html) policyTree, [PublicKey](http://docs.google.com/java/security/PublicKey.html) subjectPublicKey)            Creates an instance of PKIXCertPathBuilderResult containing the specified parameters. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/security/cert/CertPath.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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[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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