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

**Uses of Class**

**java.security.InvalidAlgorithmParameterException**

| Packages that use [InvalidAlgorithmParameterException](http://docs.google.com/java/security/InvalidAlgorithmParameterException.html) | |
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| [**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.crypto**](#tyjcwt) | Provides the classes and interfaces for cryptographic operations. |
| [**javax.net.ssl**](#3dy6vkm) | Provides classes for the secure socket package. |
| [**javax.xml.crypto.dsig**](#1t3h5sf) | Classes for generating and validating XML digital signatures. |

| Uses of [InvalidAlgorithmParameterException](http://docs.google.com/java/security/InvalidAlgorithmParameterException.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 [InvalidAlgorithmParameterException](http://docs.google.com/java/security/InvalidAlgorithmParameterException.html) | |
| --- | --- |
| protected abstract  void | **AlgorithmParameterGeneratorSpi.**[**engineInit**](http://docs.google.com/java/security/AlgorithmParameterGeneratorSpi.html#engineInit(java.security.spec.AlgorithmParameterSpec,%20java.security.SecureRandom))([AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html) genParamSpec, [SecureRandom](http://docs.google.com/java/security/SecureRandom.html) random)            Initializes this parameter generator with a set of algorithm-specific parameter generation values. |
| protected  void | **SignatureSpi.**[**engineSetParameter**](http://docs.google.com/java/security/SignatureSpi.html#engineSetParameter(java.security.spec.AlgorithmParameterSpec))([AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html) params)            This method is overridden by providers to initialize this signature engine with the specified parameter set. |
| void | **AlgorithmParameterGenerator.**[**init**](http://docs.google.com/java/security/AlgorithmParameterGenerator.html#init(java.security.spec.AlgorithmParameterSpec))([AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html) genParamSpec)            Initializes this parameter generator with a set of algorithm-specific parameter generation values. |
| void | **AlgorithmParameterGenerator.**[**init**](http://docs.google.com/java/security/AlgorithmParameterGenerator.html#init(java.security.spec.AlgorithmParameterSpec,%20java.security.SecureRandom))([AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html) genParamSpec, [SecureRandom](http://docs.google.com/java/security/SecureRandom.html) random)            Initializes this parameter generator with a set of algorithm-specific parameter generation values. |
| void | **KeyPairGenerator.**[**initialize**](http://docs.google.com/java/security/KeyPairGenerator.html#initialize(java.security.spec.AlgorithmParameterSpec))([AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html) params)            Initializes the key pair generator using the specified parameter set and the SecureRandom implementation of the highest-priority installed provider as the source of randomness. |
| void | **KeyPairGenerator.**[**initialize**](http://docs.google.com/java/security/KeyPairGenerator.html#initialize(java.security.spec.AlgorithmParameterSpec,%20java.security.SecureRandom))([AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html) params, [SecureRandom](http://docs.google.com/java/security/SecureRandom.html) random)            Initializes the key pair generator with the given parameter set and source of randomness. |
| void | **KeyPairGeneratorSpi.**[**initialize**](http://docs.google.com/java/security/KeyPairGeneratorSpi.html#initialize(java.security.spec.AlgorithmParameterSpec,%20java.security.SecureRandom))([AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html) params, [SecureRandom](http://docs.google.com/java/security/SecureRandom.html) random)            Initializes the key pair generator using the specified parameter set and user-provided source of randomness. |
| void | **Signature.**[**setParameter**](http://docs.google.com/java/security/Signature.html#setParameter(java.security.spec.AlgorithmParameterSpec))([AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html) params)            Initializes this signature engine with the specified parameter set. |

| Uses of [InvalidAlgorithmParameterException](http://docs.google.com/java/security/InvalidAlgorithmParameterException.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 throw [InvalidAlgorithmParameterException](http://docs.google.com/java/security/InvalidAlgorithmParameterException.html) | |
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| [CertPathBuilderResult](http://docs.google.com/java/security/cert/CertPathBuilderResult.html) | **CertPathBuilder.**[**build**](http://docs.google.com/java/security/cert/CertPathBuilder.html#build(java.security.cert.CertPathParameters))([CertPathParameters](http://docs.google.com/java/security/cert/CertPathParameters.html) params)            Attempts to build a certification path using the specified algorithm parameter set. |
| abstract  [CertPathBuilderResult](http://docs.google.com/java/security/cert/CertPathBuilderResult.html) | **CertPathBuilderSpi.**[**engineBuild**](http://docs.google.com/java/security/cert/CertPathBuilderSpi.html#engineBuild(java.security.cert.CertPathParameters))([CertPathParameters](http://docs.google.com/java/security/cert/CertPathParameters.html) params)            Attempts to build a certification path using the specified algorithm parameter set. |
| 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. |
| static [CertStore](http://docs.google.com/java/security/cert/CertStore.html) | **CertStore.**[**getInstance**](http://docs.google.com/java/security/cert/CertStore.html#getInstance(java.lang.String,%20java.security.cert.CertStoreParameters))([String](http://docs.google.com/java/lang/String.html) type, [CertStoreParameters](http://docs.google.com/java/security/cert/CertStoreParameters.html) params)            Returns a CertStore object that implements the specified CertStore type and is initialized with the specified parameters. |
| static [CertStore](http://docs.google.com/java/security/cert/CertStore.html) | **CertStore.**[**getInstance**](http://docs.google.com/java/security/cert/CertStore.html#getInstance(java.lang.String,%20java.security.cert.CertStoreParameters,%20java.security.Provider))([String](http://docs.google.com/java/lang/String.html) type, [CertStoreParameters](http://docs.google.com/java/security/cert/CertStoreParameters.html) params, [Provider](http://docs.google.com/java/security/Provider.html) provider)            Returns a CertStore object that implements the specified CertStore type. |
| static [CertStore](http://docs.google.com/java/security/cert/CertStore.html) | **CertStore.**[**getInstance**](http://docs.google.com/java/security/cert/CertStore.html#getInstance(java.lang.String,%20java.security.cert.CertStoreParameters,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) type, [CertStoreParameters](http://docs.google.com/java/security/cert/CertStoreParameters.html) params, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a CertStore object that implements the specified CertStore type. |
| void | **PKIXParameters.**[**setTrustAnchors**](http://docs.google.com/java/security/cert/PKIXParameters.html#setTrustAnchors(java.util.Set))([Set](http://docs.google.com/java/util/Set.html)<[TrustAnchor](http://docs.google.com/java/security/cert/TrustAnchor.html)> trustAnchors)            Sets the Set of most-trusted CAs. |
| [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) that throw [InvalidAlgorithmParameterException](http://docs.google.com/java/security/InvalidAlgorithmParameterException.html) | |
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| [**CertStoreSpi**](http://docs.google.com/java/security/cert/CertStoreSpi.html#CertStoreSpi(java.security.cert.CertStoreParameters))([CertStoreParameters](http://docs.google.com/java/security/cert/CertStoreParameters.html) params)            The sole constructor. |
| [**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. |
| [**PKIXBuilderParameters**](http://docs.google.com/java/security/cert/PKIXBuilderParameters.html#PKIXBuilderParameters(java.util.Set,%20java.security.cert.CertSelector))([Set](http://docs.google.com/java/util/Set.html)<[TrustAnchor](http://docs.google.com/java/security/cert/TrustAnchor.html)> trustAnchors, [CertSelector](http://docs.google.com/java/security/cert/CertSelector.html) targetConstraints)            Creates an instance of PKIXBuilderParameters with the specified Set of most-trusted CAs. |
| [**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. |
| [**PKIXParameters**](http://docs.google.com/java/security/cert/PKIXParameters.html#PKIXParameters(java.util.Set))([Set](http://docs.google.com/java/util/Set.html)<[TrustAnchor](http://docs.google.com/java/security/cert/TrustAnchor.html)> trustAnchors)            Creates an instance of PKIXParameters with the specified Set of most-trusted CAs. |

| Uses of [InvalidAlgorithmParameterException](http://docs.google.com/java/security/InvalidAlgorithmParameterException.html) in [javax.crypto](http://docs.google.com/javax/crypto/package-summary.html) | |
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| Methods in [javax.crypto](http://docs.google.com/javax/crypto/package-summary.html) that throw [InvalidAlgorithmParameterException](http://docs.google.com/java/security/InvalidAlgorithmParameterException.html) | |
| --- | --- |
| protected abstract  void | **KeyGeneratorSpi.**[**engineInit**](http://docs.google.com/javax/crypto/KeyGeneratorSpi.html#engineInit(java.security.spec.AlgorithmParameterSpec,%20java.security.SecureRandom))([AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html) params, [SecureRandom](http://docs.google.com/java/security/SecureRandom.html) random)            Initializes the key generator with the specified parameter set and a user-provided source of randomness. |
| protected abstract  void | **CipherSpi.**[**engineInit**](http://docs.google.com/javax/crypto/CipherSpi.html#engineInit(int,%20java.security.Key,%20java.security.spec.AlgorithmParameterSpec,%20java.security.SecureRandom))(int opmode, [Key](http://docs.google.com/java/security/Key.html) key, [AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html) params, [SecureRandom](http://docs.google.com/java/security/SecureRandom.html) random)            Initializes this cipher with a key, a set of algorithm parameters, and a source of randomness. |
| protected abstract  void | **CipherSpi.**[**engineInit**](http://docs.google.com/javax/crypto/CipherSpi.html#engineInit(int,%20java.security.Key,%20java.security.AlgorithmParameters,%20java.security.SecureRandom))(int opmode, [Key](http://docs.google.com/java/security/Key.html) key, [AlgorithmParameters](http://docs.google.com/java/security/AlgorithmParameters.html) params, [SecureRandom](http://docs.google.com/java/security/SecureRandom.html) random)            Initializes this cipher with a key, a set of algorithm parameters, and a source of randomness. |
| protected abstract  void | **ExemptionMechanismSpi.**[**engineInit**](http://docs.google.com/javax/crypto/ExemptionMechanismSpi.html#engineInit(java.security.Key,%20java.security.AlgorithmParameters))([Key](http://docs.google.com/java/security/Key.html) key, [AlgorithmParameters](http://docs.google.com/java/security/AlgorithmParameters.html) params)            Initializes this exemption mechanism with a key and a set of algorithm parameters. |
| protected abstract  void | **MacSpi.**[**engineInit**](http://docs.google.com/javax/crypto/MacSpi.html#engineInit(java.security.Key,%20java.security.spec.AlgorithmParameterSpec))([Key](http://docs.google.com/java/security/Key.html) key, [AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html) params)            Initializes the MAC with the given (secret) key and algorithm parameters. |
| protected abstract  void | **ExemptionMechanismSpi.**[**engineInit**](http://docs.google.com/javax/crypto/ExemptionMechanismSpi.html#engineInit(java.security.Key,%20java.security.spec.AlgorithmParameterSpec))([Key](http://docs.google.com/java/security/Key.html) key, [AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html) params)            Initializes this exemption mechanism with a key and a set of algorithm parameters. |
| protected abstract  void | **KeyAgreementSpi.**[**engineInit**](http://docs.google.com/javax/crypto/KeyAgreementSpi.html#engineInit(java.security.Key,%20java.security.spec.AlgorithmParameterSpec,%20java.security.SecureRandom))([Key](http://docs.google.com/java/security/Key.html) key, [AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html) params, [SecureRandom](http://docs.google.com/java/security/SecureRandom.html) random)            Initializes this key agreement with the given key, set of algorithm parameters, and source of randomness. |
| void | **KeyGenerator.**[**init**](http://docs.google.com/javax/crypto/KeyGenerator.html#init(java.security.spec.AlgorithmParameterSpec))([AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html) params)            Initializes this key generator with the specified parameter set. |
| void | **KeyGenerator.**[**init**](http://docs.google.com/javax/crypto/KeyGenerator.html#init(java.security.spec.AlgorithmParameterSpec,%20java.security.SecureRandom))([AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html) params, [SecureRandom](http://docs.google.com/java/security/SecureRandom.html) random)            Initializes this key generator with the specified parameter set and a user-provided source of randomness. |
| void | **Cipher.**[**init**](http://docs.google.com/javax/crypto/Cipher.html#init(int,%20java.security.Key,%20java.security.AlgorithmParameters))(int opmode, [Key](http://docs.google.com/java/security/Key.html) key, [AlgorithmParameters](http://docs.google.com/java/security/AlgorithmParameters.html) params)            Initializes this cipher with a key and a set of algorithm parameters. |
| void | **Cipher.**[**init**](http://docs.google.com/javax/crypto/Cipher.html#init(int,%20java.security.Key,%20java.security.spec.AlgorithmParameterSpec))(int opmode, [Key](http://docs.google.com/java/security/Key.html) key, [AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html) params)            Initializes this cipher with a key and a set of algorithm parameters. |
| void | **Cipher.**[**init**](http://docs.google.com/javax/crypto/Cipher.html#init(int,%20java.security.Key,%20java.security.spec.AlgorithmParameterSpec,%20java.security.SecureRandom))(int opmode, [Key](http://docs.google.com/java/security/Key.html) key, [AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html) params, [SecureRandom](http://docs.google.com/java/security/SecureRandom.html) random)            Initializes this cipher with a key, a set of algorithm parameters, and a source of randomness. |
| void | **Cipher.**[**init**](http://docs.google.com/javax/crypto/Cipher.html#init(int,%20java.security.Key,%20java.security.AlgorithmParameters,%20java.security.SecureRandom))(int opmode, [Key](http://docs.google.com/java/security/Key.html) key, [AlgorithmParameters](http://docs.google.com/java/security/AlgorithmParameters.html) params, [SecureRandom](http://docs.google.com/java/security/SecureRandom.html) random)            Initializes this cipher with a key, a set of algorithm parameters, and a source of randomness. |
| void | **ExemptionMechanism.**[**init**](http://docs.google.com/javax/crypto/ExemptionMechanism.html#init(java.security.Key,%20java.security.AlgorithmParameters))([Key](http://docs.google.com/java/security/Key.html) key, [AlgorithmParameters](http://docs.google.com/java/security/AlgorithmParameters.html) params)            Initializes this exemption mechanism with a key and a set of algorithm parameters. |
| void | **ExemptionMechanism.**[**init**](http://docs.google.com/javax/crypto/ExemptionMechanism.html#init(java.security.Key,%20java.security.spec.AlgorithmParameterSpec))([Key](http://docs.google.com/java/security/Key.html) key, [AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html) params)            Initializes this exemption mechanism with a key and a set of algorithm parameters. |
| void | **KeyAgreement.**[**init**](http://docs.google.com/javax/crypto/KeyAgreement.html#init(java.security.Key,%20java.security.spec.AlgorithmParameterSpec))([Key](http://docs.google.com/java/security/Key.html) key, [AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html) params)            Initializes this key agreement with the given key and set of algorithm parameters. |
| void | **Mac.**[**init**](http://docs.google.com/javax/crypto/Mac.html#init(java.security.Key,%20java.security.spec.AlgorithmParameterSpec))([Key](http://docs.google.com/java/security/Key.html) key, [AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html) params)            Initializes this Mac object with the given key and algorithm parameters. |
| void | **KeyAgreement.**[**init**](http://docs.google.com/javax/crypto/KeyAgreement.html#init(java.security.Key,%20java.security.spec.AlgorithmParameterSpec,%20java.security.SecureRandom))([Key](http://docs.google.com/java/security/Key.html) key, [AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html) params, [SecureRandom](http://docs.google.com/java/security/SecureRandom.html) random)            Initializes this key agreement with the given key, set of algorithm parameters, and source of randomness. |

| Uses of [InvalidAlgorithmParameterException](http://docs.google.com/java/security/InvalidAlgorithmParameterException.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 [InvalidAlgorithmParameterException](http://docs.google.com/java/security/InvalidAlgorithmParameterException.html) | |
| --- | --- |
| protected abstract  void | **KeyManagerFactorySpi.**[**engineInit**](http://docs.google.com/javax/net/ssl/KeyManagerFactorySpi.html#engineInit(javax.net.ssl.ManagerFactoryParameters))([ManagerFactoryParameters](http://docs.google.com/javax/net/ssl/ManagerFactoryParameters.html) spec)            Initializes this factory with a source of key material. |
| protected abstract  void | **TrustManagerFactorySpi.**[**engineInit**](http://docs.google.com/javax/net/ssl/TrustManagerFactorySpi.html#engineInit(javax.net.ssl.ManagerFactoryParameters))([ManagerFactoryParameters](http://docs.google.com/javax/net/ssl/ManagerFactoryParameters.html) spec)            Initializes this factory with a source of provider-specific key material. |
| void | **KeyManagerFactory.**[**init**](http://docs.google.com/javax/net/ssl/KeyManagerFactory.html#init(javax.net.ssl.ManagerFactoryParameters))([ManagerFactoryParameters](http://docs.google.com/javax/net/ssl/ManagerFactoryParameters.html) spec)            Initializes this factory with a source of provider-specific key material. |
| void | **TrustManagerFactory.**[**init**](http://docs.google.com/javax/net/ssl/TrustManagerFactory.html#init(javax.net.ssl.ManagerFactoryParameters))([ManagerFactoryParameters](http://docs.google.com/javax/net/ssl/ManagerFactoryParameters.html) spec)            Initializes this factory with a source of provider-specific trust material. |

| Uses of [InvalidAlgorithmParameterException](http://docs.google.com/java/security/InvalidAlgorithmParameterException.html) in [javax.xml.crypto.dsig](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html) | |
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| Methods in [javax.xml.crypto.dsig](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html) that throw [InvalidAlgorithmParameterException](http://docs.google.com/java/security/InvalidAlgorithmParameterException.html) | |
| --- | --- |
| abstract  void | **TransformService.**[**init**](http://docs.google.com/javax/xml/crypto/dsig/TransformService.html#init(javax.xml.crypto.dsig.spec.TransformParameterSpec))([TransformParameterSpec](http://docs.google.com/javax/xml/crypto/dsig/spec/TransformParameterSpec.html) params)            Initializes this TransformService with the specified parameters. |
| abstract  void | **TransformService.**[**init**](http://docs.google.com/javax/xml/crypto/dsig/TransformService.html#init(javax.xml.crypto.XMLStructure,%20javax.xml.crypto.XMLCryptoContext))([XMLStructure](http://docs.google.com/javax/xml/crypto/XMLStructure.html) parent, [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) context)            Initializes this TransformService with the specified parameters and document context. |
| abstract  [CanonicalizationMethod](http://docs.google.com/javax/xml/crypto/dsig/CanonicalizationMethod.html) | **XMLSignatureFactory.**[**newCanonicalizationMethod**](http://docs.google.com/javax/xml/crypto/dsig/XMLSignatureFactory.html#newCanonicalizationMethod(java.lang.String,%20javax.xml.crypto.dsig.spec.C14NMethodParameterSpec))([String](http://docs.google.com/java/lang/String.html) algorithm, [C14NMethodParameterSpec](http://docs.google.com/javax/xml/crypto/dsig/spec/C14NMethodParameterSpec.html) params)            Creates a CanonicalizationMethod for the specified algorithm URI and parameters. |
| abstract  [CanonicalizationMethod](http://docs.google.com/javax/xml/crypto/dsig/CanonicalizationMethod.html) | **XMLSignatureFactory.**[**newCanonicalizationMethod**](http://docs.google.com/javax/xml/crypto/dsig/XMLSignatureFactory.html#newCanonicalizationMethod(java.lang.String,%20javax.xml.crypto.XMLStructure))([String](http://docs.google.com/java/lang/String.html) algorithm, [XMLStructure](http://docs.google.com/javax/xml/crypto/XMLStructure.html) params)            Creates a CanonicalizationMethod for the specified algorithm URI and parameters. |
| abstract  [DigestMethod](http://docs.google.com/javax/xml/crypto/dsig/DigestMethod.html) | **XMLSignatureFactory.**[**newDigestMethod**](http://docs.google.com/javax/xml/crypto/dsig/XMLSignatureFactory.html#newDigestMethod(java.lang.String,%20javax.xml.crypto.dsig.spec.DigestMethodParameterSpec))([String](http://docs.google.com/java/lang/String.html) algorithm, [DigestMethodParameterSpec](http://docs.google.com/javax/xml/crypto/dsig/spec/DigestMethodParameterSpec.html) params)            Creates a DigestMethod for the specified algorithm URI and parameters. |
| abstract  [SignatureMethod](http://docs.google.com/javax/xml/crypto/dsig/SignatureMethod.html) | **XMLSignatureFactory.**[**newSignatureMethod**](http://docs.google.com/javax/xml/crypto/dsig/XMLSignatureFactory.html#newSignatureMethod(java.lang.String,%20javax.xml.crypto.dsig.spec.SignatureMethodParameterSpec))([String](http://docs.google.com/java/lang/String.html) algorithm, [SignatureMethodParameterSpec](http://docs.google.com/javax/xml/crypto/dsig/spec/SignatureMethodParameterSpec.html) params)            Creates a SignatureMethod for the specified algorithm URI and parameters. |
| abstract  [Transform](http://docs.google.com/javax/xml/crypto/dsig/Transform.html) | **XMLSignatureFactory.**[**newTransform**](http://docs.google.com/javax/xml/crypto/dsig/XMLSignatureFactory.html#newTransform(java.lang.String,%20javax.xml.crypto.dsig.spec.TransformParameterSpec))([String](http://docs.google.com/java/lang/String.html) algorithm, [TransformParameterSpec](http://docs.google.com/javax/xml/crypto/dsig/spec/TransformParameterSpec.html) params)            Creates a Transform for the specified algorithm URI and parameters. |
| abstract  [Transform](http://docs.google.com/javax/xml/crypto/dsig/Transform.html) | **XMLSignatureFactory.**[**newTransform**](http://docs.google.com/javax/xml/crypto/dsig/XMLSignatureFactory.html#newTransform(java.lang.String,%20javax.xml.crypto.XMLStructure))([String](http://docs.google.com/java/lang/String.html) algorithm, [XMLStructure](http://docs.google.com/javax/xml/crypto/XMLStructure.html) params)            Creates a Transform for the specified algorithm URI and parameters. |

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