java.security.*
KeySupport

Methods declared in supertypes are hidden in subtypes

KeyFactorySpi

- \# PrivateKey engineGeneratePrivate (KeySpec keySpec) ↳
- \# PublicKey engineGeneratePublic (KeySpec keySpec) ↳
- \# KeySpec engineGetKeySpec (Key key, Class keySpec) ↳
- \# Key engineTranslateKey (Key key) ↳

KeyFactory

\# **KeyFactory** (KeyFactorySpi keyFacSpi,   Provider provider,   String algorithm)

Static Methods
- KeyFactory **getInstance** (String algorithm) ↳
- KeyFactory **getInstance** (String algorithm,   String provider) ↳
- KeyFactory **getInstance** (String algorithm,   Provider provider) ↳

Accessors
- String getAlgorithm ()
- KeySpec getKeySpec (Key key,   Class keySpec) ↳
- Provider getProvider ()

Other Public Methods
- PrivateKey generatePrivate (KeySpec keySpec) ↳
- PublicKey generatePublic (KeySpec keySpec) ↳
- Key translateKey (Key key) ↳

Serializable

KeyPair

KeyPair (PublicKey publicKey,   PrivateKey privateKey)

- PrivateKey getPrivate ()
- PublicKey getPublic ()

KeyPairGeneratorSpi

- KeyPair generateKeyPair ()
- void initialize (int keysize,   SecureRandom random)
- void initialize (AlgorithmParameterSpec params,   SecureRandom random) ↳

KeyPairGenerator (String algorithm)

\# **KeyPairGenerator** (String algorithm)

Static Methods
- KeyPairGenerator **getInstance** (String algorithm) ↳
- KeyPairGenerator **getInstance** (String algorithm,   String provider) ↳
- KeyPairGenerator **getInstance** (String algorithm,   Provider provider) ↳

Accessors
- String getAlgorithm ()
- Provider getProvider ()

Other Public Methods
- KeyPair genKeyPair ()
- void initialize (int keysize)
- void initialize (AlgorithmParameterSpec params) ↳

java.security.interfaces. *DSAKeyPairGenerator*

- void initialize (DSAParams params,   SecureRandom random) ↳
- void initialize (int modlen, boolean genParams, SecureRandom random) ↳

KeyStoreSpi

- Enumeration engineAliases ()
- boolean engineContainsAlias (String alias)
- void engineDeleteEntry (String alias)
- Certificate engineGetCertificate (String alias)
- String engineGetCertificateAlias (Certificate cert)
- Certificate[] engineGetCertificateChain (String alias)
- Date engineGetCreationDate (String alias)
- Key engineGetKey (String alias, char[] password) ↳
- boolean engineIsCertificateEntry (String alias)
- boolean engineIsKeyEntry (String alias)
- void engineLoad (InputStream stream,   char[] password) ↳
- void engineSetCertificateEntry (String alias, Certificate cert)
- void engineSetKeyEntry (String alias, byte[] key,   Certificate[] chain) ↳
- void engineSetKeyEntry (String alias, Key key,   char[] password, Certificate[] chain) ↳
- int engineSize ()
- void engineStore (OutputStream stream,   char[] password) ↳

KeyStore

\# **KeyStore** (KeyStoreSpi keyStoreSpi,   Provider provider,   String type)

Static Methods
- String **getDefaultType** ()
- KeyStore **getInstance** (String type) ↳
- KeyStore **getInstance** (String type,   String provider) ↳
- KeyStore **getInstance** (String type,   Provider provider) ↳

Accessors + Collectors
- Certificate getCertificate (String alias) ↳
- String getCertificateAlias (Certificate cert) ↳
- Certificate[] getCertificateChain (String alias) ↳
- Date getCreationDate (String alias) ↳
- Key getKey (String alias, char[] password) ↳
- Provider getProvider ()
- String getType ()
- boolean isCertificateEntry (String alias)
- boolean isKeyEntry (String alias)
- void setCertificateEntry (String alias, Certificate cert)
- void setKeyEntry (String alias, byte[] key,   Certificate[] chain) ↳
- void setKeyEntry (String alias, Key key,   char[] password, Certificate[] chain) ↳
- void deleteEntry (String alias) ↳

Other Public Methods
- Enumeration aliases () ↳
- boolean containsAlias (String alias)
- void load (InputStream stream,   char[] password) ↳
- int size () ↳
- void store (OutputStream stream,   char[] password) ↳