java.security.cert.*

Serializable

Certificate
Certificate (String type)

Accessors
byte[] getEncoded ()
PublicKey getPublicKey ()
String getType ()

Object
boolean equals (Object other)
int hashCode ()
String toString ()

Other Methods
void verify (PublicKey key)
void verify (PublicKey key, String sigProvider)
Object writeReplace ()

X509Certificate
X509Certificate ()

Accessors
int getBasicConstraints ()
List getExtendedKeyUsage ()
Collection getIssuerAlternativeNames ()
Principal getIssuerDN ()
boolean[] getIssuerUniqueID ()
X500Principal getIssuerX500Principal ()
boolean[] getKeyUsage ()
Date getNotAfter ()
Date getNotBefore ()
BigInteger getSerialNumber ()
String getSigAlgName ()
String getSigAlgOID ()
byte[] getSigAlgParams ()
byte[] getSignature ()
Collection getSubjectAlternativeNames ()
Principal getSubjectDN ()
boolean[] getSubjectUniqueID ()
X500Principal getSubjectX500Principal ()
byte[] getTBSCertificate ()
int getVersion ()

Other Public Methods
void checkValidity ()
void checkValidity (Date date)

X509Extension

Accessors
Set getCriticalExtensionOIDs ()
byte[] getExtensionValue (String oid)
Set getNonCriticalExtensionOIDs ()

Other Public Methods
boolean hasUnsupportedCriticalExtension ()

X509CRLEntry

Accessors
byte[] getEncoded ()
Date getRevocationDate ()
BigInteger getSerialNumber ()

Object
boolean equals (Object other)
int hashCode ()
String toString ()

Other Public Methods
boolean hasExtensions ()

CRL
CRL (String type)

Accessors
String getType ()
boolean isRevoked (Certificate cert)

Object
String toString ()

X509CRL
X509CRL ()

Accessors
byte[] getEncoded ()
Principal getIssuerDN ()
X500Principal getIssuerX500Principal ()
Date getNextUpdate ()
X509CRLEntry getRevokedCertificate (BigInteger serialNumber)
Set getRevokedCertificates ()
String getSigAlgName ()
String getSigAlgOID ()
byte[] getSigAlgParams ()
byte[] getSignature ()
byte[] getTBSCertList ()
Date getThisUpdate ()
int getVersion ()

Object
boolean equals (Object other)
int hashCode ()

Other Public Methods
void verify (PublicKey key)
void verify (PublicKey key, String sigProvider)

X509CertSelector
X509CertSelector ()

Accessors
byte[] get / setAuthorityKeyIdentifier ()
int get / setBasicConstraints ()
X509Certificate get / setCertificate ()
Date get / setCertificateValid ()
Set getExtendedKeyUsage ()
byte[] getIssuerAsBytes ()
String getIssuerAsString ()
boolean[] get / setKeyUsage ()
boolean get / setMatchAllSubjectAltNames ()
byte[] getNameConstraints ()
Collection getPathToNames ()
Set getPolicy ()
Date get / setPrivateKeyValid ()
BigInteger get / setSerialNumber ()
Collection getSubjectAlternativeNames ()
byte[] getSubjectAsBytes ()
String getSubjectAsString ()
byte[] get / setSubjectKeyIdentifier ()
PublicKey get / setSubjectPublicKey ()
String getSubjectPublicKeyAlgID ()
void setExtendedKeyUsage (Set keyPurposeSet)
void setIssuer (String issuerDN)
void setIssuer (byte[] issuerDN)
void setNameConstraints (byte[] bytes)
void setPathToNames (Collection names)
void setPolicy (Set certPolicySet)
void setSubject (String subjectDN)
void setSubject (byte[] subjectDN)
void setSubjectAlternativeNames (Collection names)
void setSubjectPublicKey (byte[] key)
void setSubjectPublicKeyAlgID (String oid)

Collectors
void addPathToName (int type, String name)
void addPathToName (int type, byte[] name)
void addSubjectAlternativeName (int type, String name)
void addSubjectAlternativeName (int type, byte[] name)

Object
Object clone ()
String toString ()

Other Public Methods
boolean match (Certificate cert)

Cloneable

CertSelector

Object
Object clone ()

Other Public Methods
boolean match (Certificate cert)

X509CRLSelector
X509CRLSelector ()

Accessors
X509Certificate get / setCertificateChecking ()
Date get / setDateAndTime ()
Collection getIssuerNames ()
BigInteger getMaxCRL ()
BigInteger getMinCRL ()
void setIssuerNames (Collection names)
void setMaxCRLNumber (BigInteger maxCRL)
void setMinCRLNumber (BigInteger minCRL)

Collectors
void addIssuerName (String name)
void addIssuerName (byte[] name)

Object
Object clone ()
String toString ()

Other Public Methods
boolean match (CRL crl)

Cloneable

CRLSelector

Object
Object clone ()

Other Public Methods
boolean match (CRL crl)