



Certificate (String type) Certificate

Accessors

byte[] getEncoded () **4**PublicKey getPublicKey () String getType ()

Object

boolean equals (Object other) int hashCode ()

String toString ()

Other Methods

void verify (PublicKey key, String sigProvider) & void verify (PublicKey key) & # Object writeReplace ()

X509Certificate

X509Certificate ()

Accessors

List getExtendedKeyUsage() &

Collection getIssuerAlternativeNames () & boolean[] getIssuerUniqueID () Principal getIssuerDN ()

X500Principal getIssuerX500Principal() boolean[] getKeyUsage ()

Date getNotBefore () Date getNotAfter ()

BigInteger getSerialNumber () String getSigAlgName ()

String getSigAlgOID ()
byte[] getSigAlgParams ()
byte[] getSignature ()

Collection getSubjectAlternativeNames () &

X500Principal getSubjectX500Principal () boolean[] getSubjectUniqueID () Principal getSubjectDN ()

byte[] getTBSCertificate () &

int getVersion () Other Public Methods

void checkValidity (Date date) & void checkValidity () &

X509CRLEntry

X509Extension

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

boolean equals (Object other) int hashCode ()

String toString() Other Public Methods

boolean hasUnsupportedCriticalExtension() Set getNonCriticalExtensionOIDs() byte[] getExtensionValue (String oid) Set getCriticalExtensionOIDs ()

Other Public Methods

boolean hasExtensions ()

X509CRL

X509CRL ()

Accessors

X500Principal getIssuerX500Principal () byte]] getEncoded () & Principal getIssuerDN ()

X509CRLEntry getRevokedCertificate (BigInteger serialNumber) Set getRevokedCertificates () Date getNextUpdate ()

byte[] getSigAlgParams () String getSigAlgName() String getSigAlgOID () byte[] getSignature ()

String getType () boolean isRevoked (Certificate cert)

String toString ()

CRL (String type)

Accessors

CRL

byte[] getTBSCertList () 💺 Date getThisUpdate() int getVersion() boolean equals (Object other) int hashCode ()

Object

Other Public Methods

void verify (PublicKey key) 🔖 void verify (PublicKey key, String sigProvider) 🔖

X509CertSelector X509CertSelector ()

Accessors

byte get / setAuthorityKeyIdentifier () int get / setBasicConstraints ()

Date get / setCertificateValid () Set getExtendedKeyUsage () byte] getIssuerAsBytes () & X509Certificate get / setCertificate ()

boolean[] get / setKeyUsage () String getIssuerAsString ()

boolean get / setMatchAllSubjectAltNames () byte[] getNameConstraints() Collection getPathToNames ()
Set getPolicy ()

Date get / setPrivateKeyValid () BigInteger get / setSerialNumber ()

Collection getSubjectAlternativeNames() byte] getSubjectAsBytes () & String getSubjectAsString ()

void setExtendedKeyUsage (Set keyPurposeSet) & byte[] get / setSubjectKeyIdentifier () String getSubjectPublicKeyAlgID() PublicKey get / setSubjectPublicKey ()

boolean match (Certificate cert)

Other Public Methods

Object clone ()

CertSelector

- Cloneable

void setPathToNames (Collection names) & void setNameConstraints (byte[] bytes) ↓ void setIssuer (String issuerDN) & void setIssuer (byte[] issuerDN)

void setSubjectAlternativeNames (Collection names) & void setSubject (byte] subjectDN) 🕻 void setSubject (String subjectDN) void setPolicy (Set certPolicySet)

void setSubjectPublicKeyAlgID (String oid) & void setSubjectPublicKey (byte[] key) &

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

void addSubjectAlternativeName (int type, byte[] name) 🕻

String toString () Object clone ()

Object

boolean match (Certificate cert) Other Public Methods

X509CRLSelector

X509CRLSelector ()

🌠 CRLSelector

Other Public Methods Object clone ()

boolean match (CRL crl)

Collectors

X509Certificate get / setCertificateChecking () Accessors

Date get / setDateAndTime ()

Collection getIssuerNames ()

BigInteger getMaxCRL() BigInteger getMinCRL ()

- Cloneable

void setMaxCRLNumber (BigInteger maxCRL)

void setIssuerNames (Collection names) &

void setMinCRLNumber (BigInteger minCRL)

void addlssuerName (String name) **k** void addlssuerName (byte∏ name) **k** boolean match (CRL crl) String toString () Object clone () Other Public Methods Object