| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/CRL.html) | [**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 CLASS**](http://docs.google.com/java/security/cert/CollectionCertStoreParameters.html)   [**NEXT CLASS**](http://docs.google.com/java/security/cert/CRLException.html) | [**FRAMES**](http://docs.google.com/index.html?java/security/cert/CRL.html)    [**NO FRAMES**](http://docs.google.com/CRL.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **java.security.cert**

Class CRL

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **java.security.cert.CRL**

**Direct Known Subclasses:** [X509CRL](http://docs.google.com/java/security/cert/X509CRL.html)

public abstract class **CRL**extends [Object](http://docs.google.com/java/lang/Object.html)

This class is an abstraction of certificate revocation lists (CRLs) that have different formats but important common uses. For example, all CRLs share the functionality of listing revoked certificates, and can be queried on whether or not they list a given certificate.

Specialized CRL types can be defined by subclassing off of this abstract class.

**Since:** 1.2 **See Also:**[X509CRL](http://docs.google.com/java/security/cert/X509CRL.html), [CertificateFactory](http://docs.google.com/java/security/cert/CertificateFactory.html)

| **Constructor Summary** | |
| --- | --- |
| protected | [**CRL**](http://docs.google.com/java/security/cert/CRL.html#CRL(java.lang.String))([String](http://docs.google.com/java/lang/String.html) type)            Creates a CRL of the specified type. |

| **Method Summary** | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | [**getType**](http://docs.google.com/java/security/cert/CRL.html#getType())()            Returns the type of this CRL. |
| abstract  boolean | [**isRevoked**](http://docs.google.com/java/security/cert/CRL.html#isRevoked(java.security.cert.Certificate))([Certificate](http://docs.google.com/java/security/cert/Certificate.html) cert)            Checks whether the given certificate is on this CRL. |
| abstract  [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/java/security/cert/CRL.html#toString())()            Returns a string representation of this CRL. |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Constructor Detail** |
| --- |

### CRL

protected **CRL**([String](http://docs.google.com/java/lang/String.html) type)

Creates a CRL of the specified type.

**Parameters:**type - the standard name of the CRL type. See Appendix A in the  [Java Cryptography Architecture API Specification & Reference](http://docs.google.com/technotes/guides/security/crypto/CryptoSpec.html#AppA)  for information about standard CRL types.

| **Method Detail** |
| --- |

### getType

public final [String](http://docs.google.com/java/lang/String.html) **getType**()

Returns the type of this CRL.

**Returns:**the type of this CRL.

### toString

public abstract [String](http://docs.google.com/java/lang/String.html) **toString**()

Returns a string representation of this CRL.

**Overrides:**[toString](http://docs.google.com/java/lang/Object.html#toString()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a string representation of this CRL.

### isRevoked

public abstract boolean **isRevoked**([Certificate](http://docs.google.com/java/security/cert/Certificate.html) cert)

Checks whether the given certificate is on this CRL.

**Parameters:**cert - the certificate to check for. **Returns:**true if the given certificate is on this CRL, false otherwise.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/CRL.html) | [**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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