| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | **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?javax/net/ssl/package-use.html)    [**NO FRAMES**](http://docs.google.com/package-use.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Package**

**javax.net.ssl**

| Packages that use [javax.net.ssl](http://docs.google.com/javax/net/ssl/package-summary.html) | |
| --- | --- |
| [**java.net**](#3znysh7) | Provides the classes for implementing networking applications. |
| [**javax.naming.ldap**](#2et92p0) | Provides support for LDAPv3 extended operations and controls. |
| [**javax.net.ssl**](#tyjcwt) | Provides classes for the secure socket package. |

| Classes in [javax.net.ssl](http://docs.google.com/javax/net/ssl/package-summary.html) used by [java.net](http://docs.google.com/java/net/package-summary.html) | |
| --- | --- |
| [**SSLPeerUnverifiedException**](http://docs.google.com/javax/net/ssl/class-use/SSLPeerUnverifiedException.html#java.net)            Indicates that the peer's identity has not been verified. |

| Classes in [javax.net.ssl](http://docs.google.com/javax/net/ssl/package-summary.html) used by [javax.naming.ldap](http://docs.google.com/javax/naming/ldap/package-summary.html) | |
| --- | --- |
| [**HostnameVerifier**](http://docs.google.com/javax/net/ssl/class-use/HostnameVerifier.html#javax.naming.ldap)            This class is the base interface for hostname verification. |
| [**SSLSession**](http://docs.google.com/javax/net/ssl/class-use/SSLSession.html#javax.naming.ldap)            In SSL, sessions are used to describe an ongoing relationship between two entities. |
| [**SSLSocketFactory**](http://docs.google.com/javax/net/ssl/class-use/SSLSocketFactory.html#javax.naming.ldap)            SSLSocketFactorys create SSLSockets. |

| Classes in [javax.net.ssl](http://docs.google.com/javax/net/ssl/package-summary.html) used by [javax.net.ssl](http://docs.google.com/javax/net/ssl/package-summary.html) | |
| --- | --- |
| [**HandshakeCompletedEvent**](http://docs.google.com/javax/net/ssl/class-use/HandshakeCompletedEvent.html#javax.net.ssl)            This event indicates that an SSL handshake completed on a given SSL connection. |
| [**HandshakeCompletedListener**](http://docs.google.com/javax/net/ssl/class-use/HandshakeCompletedListener.html#javax.net.ssl)            This interface is implemented by any class which wants to receive notifications about the completion of an SSL protocol handshake on a given SSL connection. |
| [**HostnameVerifier**](http://docs.google.com/javax/net/ssl/class-use/HostnameVerifier.html#javax.net.ssl)            This class is the base interface for hostname verification. |
| [**KeyManager**](http://docs.google.com/javax/net/ssl/class-use/KeyManager.html#javax.net.ssl)            This is the base interface for JSSE key managers. |
| [**KeyManagerFactory**](http://docs.google.com/javax/net/ssl/class-use/KeyManagerFactory.html#javax.net.ssl)            This class acts as a factory for key managers based on a source of key material. |
| [**KeyManagerFactorySpi**](http://docs.google.com/javax/net/ssl/class-use/KeyManagerFactorySpi.html#javax.net.ssl)            This class defines the *Service Provider Interface* (**SPI**) for the KeyManagerFactory class. |
| [**ManagerFactoryParameters**](http://docs.google.com/javax/net/ssl/class-use/ManagerFactoryParameters.html#javax.net.ssl)            This class is the base interface for providing algorithm-specific information to a KeyManagerFactory or TrustManagerFactory. |
| [**SSLContext**](http://docs.google.com/javax/net/ssl/class-use/SSLContext.html#javax.net.ssl)            Instances of this class represent a secure socket protocol implementation which acts as a factory for secure socket factories or SSLEngines. |
| [**SSLContextSpi**](http://docs.google.com/javax/net/ssl/class-use/SSLContextSpi.html#javax.net.ssl)            This class defines the *Service Provider Interface* (**SPI**) for the SSLContext class. |
| [**SSLEngine**](http://docs.google.com/javax/net/ssl/class-use/SSLEngine.html#javax.net.ssl)            A class which enables secure communications using protocols such as the Secure Sockets Layer (SSL) or  [IETF RFC 2246 "Transport Layer Security" (TLS)](http://www.ietf.org/rfc/rfc2246.txt)  protocols, but is transport independent. |
| [**SSLEngineResult**](http://docs.google.com/javax/net/ssl/class-use/SSLEngineResult.html#javax.net.ssl)            An encapsulation of the result state produced by SSLEngine I/O calls. |
| [**SSLEngineResult.HandshakeStatus**](http://docs.google.com/javax/net/ssl/class-use/SSLEngineResult.HandshakeStatus.html#javax.net.ssl)            An SSLEngineResult enum describing the current handshaking state of this SSLEngine. |
| [**SSLEngineResult.Status**](http://docs.google.com/javax/net/ssl/class-use/SSLEngineResult.Status.html#javax.net.ssl)            An SSLEngineResult enum describing the overall result of the SSLEngine operation. |
| [**SSLException**](http://docs.google.com/javax/net/ssl/class-use/SSLException.html#javax.net.ssl)            Indicates some kind of error detected by an SSL subsystem. |
| [**SSLParameters**](http://docs.google.com/javax/net/ssl/class-use/SSLParameters.html#javax.net.ssl)            Encapsulates parameters for an SSL/TLS connection. |
| [**SSLPeerUnverifiedException**](http://docs.google.com/javax/net/ssl/class-use/SSLPeerUnverifiedException.html#javax.net.ssl)            Indicates that the peer's identity has not been verified. |
| [**SSLServerSocketFactory**](http://docs.google.com/javax/net/ssl/class-use/SSLServerSocketFactory.html#javax.net.ssl)            SSLServerSocketFactorys create SSLServerSockets. |
| [**SSLSession**](http://docs.google.com/javax/net/ssl/class-use/SSLSession.html#javax.net.ssl)            In SSL, sessions are used to describe an ongoing relationship between two entities. |
| [**SSLSessionBindingEvent**](http://docs.google.com/javax/net/ssl/class-use/SSLSessionBindingEvent.html#javax.net.ssl)            This event is propagated to a SSLSessionBindingListener. |
| [**SSLSessionContext**](http://docs.google.com/javax/net/ssl/class-use/SSLSessionContext.html#javax.net.ssl)            A SSLSessionContext represents a set of SSLSessions associated with a single entity. |
| [**SSLSocket**](http://docs.google.com/javax/net/ssl/class-use/SSLSocket.html#javax.net.ssl)            This class extends Sockets and provides secure socket using protocols such as the "Secure Sockets Layer" (SSL) or IETF "Transport Layer Security" (TLS) protocols. |
| [**SSLSocketFactory**](http://docs.google.com/javax/net/ssl/class-use/SSLSocketFactory.html#javax.net.ssl)            SSLSocketFactorys create SSLSockets. |
| [**TrustManager**](http://docs.google.com/javax/net/ssl/class-use/TrustManager.html#javax.net.ssl)            This is the base interface for JSSE trust managers. |
| [**TrustManagerFactory**](http://docs.google.com/javax/net/ssl/class-use/TrustManagerFactory.html#javax.net.ssl)            This class acts as a factory for trust managers based on a source of trust material. |
| [**TrustManagerFactorySpi**](http://docs.google.com/javax/net/ssl/class-use/TrustManagerFactorySpi.html#javax.net.ssl)            This class defines the *Service Provider Interface* (**SPI**) for the TrustManagerFactory class. |
| [**X509KeyManager**](http://docs.google.com/javax/net/ssl/class-use/X509KeyManager.html#javax.net.ssl)            Instances of this interface manage which X509 certificate-based key pairs are used to authenticate the local side of a secure socket. |

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