| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/TrustManagerFactorySpi.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/javax/net/ssl/TrustManagerFactory.html)   [**NEXT CLASS**](http://docs.google.com/javax/net/ssl/X509ExtendedKeyManager.html) | [**FRAMES**](http://docs.google.com/index.html?javax/net/ssl/TrustManagerFactorySpi.html)    [**NO FRAMES**](http://docs.google.com/TrustManagerFactorySpi.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **javax.net.ssl**

Class TrustManagerFactorySpi

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.net.ssl.TrustManagerFactorySpi**

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

This class defines the *Service Provider Interface* (**SPI**) for the TrustManagerFactory class.

All the abstract methods in this class must be implemented by each cryptographic service provider who wishes to supply the implementation of a particular trust manager factory.

**Since:** 1.4 **See Also:**[TrustManagerFactory](http://docs.google.com/javax/net/ssl/TrustManagerFactory.html), [TrustManager](http://docs.google.com/javax/net/ssl/TrustManager.html)

| **Constructor Summary** | |
| --- | --- |
| [**TrustManagerFactorySpi**](http://docs.google.com/javax/net/ssl/TrustManagerFactorySpi.html#TrustManagerFactorySpi())() |

| **Method Summary** | |
| --- | --- |
| protected abstract  [TrustManager](http://docs.google.com/javax/net/ssl/TrustManager.html)[] | [**engineGetTrustManagers**](http://docs.google.com/javax/net/ssl/TrustManagerFactorySpi.html#engineGetTrustManagers())()            Returns one trust manager for each type of trust material. |
| protected abstract  void | [**engineInit**](http://docs.google.com/javax/net/ssl/TrustManagerFactorySpi.html#engineInit(java.security.KeyStore))([KeyStore](http://docs.google.com/java/security/KeyStore.html) ks)            Initializes this factory with a source of certificate authorities and related trust material. |
| protected abstract  void | [**engineInit**](http://docs.google.com/javax/net/ssl/TrustManagerFactorySpi.html#engineInit(javax.net.ssl.ManagerFactoryParameters))([ManagerFactoryParameters](http://docs.google.com/javax/net/ssl/ManagerFactoryParameters.html) spec)            Initializes this factory with a source of provider-specific key material. |

| **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()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [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** |
| --- |

### TrustManagerFactorySpi

public **TrustManagerFactorySpi**()

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

### engineInit

protected abstract void **engineInit**([KeyStore](http://docs.google.com/java/security/KeyStore.html) ks)  
 throws [KeyStoreException](http://docs.google.com/java/security/KeyStoreException.html)

Initializes this factory with a source of certificate authorities and related trust material.

**Parameters:**ks - the key store or null **Throws:** [KeyStoreException](http://docs.google.com/java/security/KeyStoreException.html) - if this operation fails**See Also:**[TrustManagerFactory.init(KeyStore)](http://docs.google.com/javax/net/ssl/TrustManagerFactory.html#init(java.security.KeyStore))

### engineInit

protected abstract void **engineInit**([ManagerFactoryParameters](http://docs.google.com/javax/net/ssl/ManagerFactoryParameters.html) spec)  
 throws [InvalidAlgorithmParameterException](http://docs.google.com/java/security/InvalidAlgorithmParameterException.html)

Initializes this factory with a source of provider-specific key material.

In some cases, initialization parameters other than a keystore may be needed by a provider. Users of that particular provider are expected to pass an implementation of the appropriate ManagerFactoryParameters as defined by the provider. The provider can then call the specified methods in the ManagerFactoryParameters implementation to obtain the needed information.

**Parameters:**spec - an implementation of a provider-specific parameter specification **Throws:** [InvalidAlgorithmParameterException](http://docs.google.com/java/security/InvalidAlgorithmParameterException.html) - if there is problem with the parameters**See Also:**[TrustManagerFactory.init(ManagerFactoryParameters spec)](http://docs.google.com/javax/net/ssl/TrustManagerFactory.html#init(javax.net.ssl.ManagerFactoryParameters))

### engineGetTrustManagers

protected abstract [TrustManager](http://docs.google.com/javax/net/ssl/TrustManager.html)[] **engineGetTrustManagers**()

Returns one trust manager for each type of trust material.

**Returns:**the trust managers

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/TrustManagerFactorySpi.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/javax/net/ssl/TrustManagerFactory.html)   [**NEXT CLASS**](http://docs.google.com/javax/net/ssl/X509ExtendedKeyManager.html) | [**FRAMES**](http://docs.google.com/index.html?javax/net/ssl/TrustManagerFactorySpi.html)    [**NO FRAMES**](http://docs.google.com/TrustManagerFactorySpi.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

[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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