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

## **javax.security.auth.login**

Class ConfigurationSpi

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.security.auth.login.ConfigurationSpi**

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

This class defines the *Service Provider Interface* (**SPI**) for the Configuration class. All the abstract methods in this class must be implemented by each service provider who wishes to supply a Configuration implementation.

Subclass implementations of this abstract class must provide a public constructor that takes a Configuration.Parameters object as an input parameter. This constructor also must throw an IllegalArgumentException if it does not understand the Configuration.Parameters input.

**Since:** 1.6

| **Constructor Summary** | |
| --- | --- |
| [**ConfigurationSpi**](http://docs.google.com/javax/security/auth/login/ConfigurationSpi.html#ConfigurationSpi())() |

| **Method Summary** | |
| --- | --- |
| protected abstract  [AppConfigurationEntry](http://docs.google.com/javax/security/auth/login/AppConfigurationEntry.html)[] | [**engineGetAppConfigurationEntry**](http://docs.google.com/javax/security/auth/login/ConfigurationSpi.html#engineGetAppConfigurationEntry(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Retrieve the AppConfigurationEntries for the specified *name*. |
| protected  void | [**engineRefresh**](http://docs.google.com/javax/security/auth/login/ConfigurationSpi.html#engineRefresh())()            Refresh and reload the Configuration. |

| **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** |
| --- |

### ConfigurationSpi

public **ConfigurationSpi**()

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

### engineGetAppConfigurationEntry

protected abstract [AppConfigurationEntry](http://docs.google.com/javax/security/auth/login/AppConfigurationEntry.html)[] **engineGetAppConfigurationEntry**([String](http://docs.google.com/java/lang/String.html) name)

Retrieve the AppConfigurationEntries for the specified *name*.

**Parameters:**name - the name used to index the Configuration. **Returns:**an array of AppConfigurationEntries for the specified *name*, or null if there are no entries.

### engineRefresh

protected void **engineRefresh**()

Refresh and reload the Configuration.

This method causes this Configuration object to refresh/reload its contents in an implementation-dependent manner. For example, if this Configuration object stores its entries in a file, calling refresh may cause the file to be re-read.

The default implementation of this method does nothing. This method should be overridden if a refresh operation is supported by the implementation.

**Throws:** [SecurityException](http://docs.google.com/java/lang/SecurityException.html) - if the caller does not have permission to refresh its Configuration.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ConfigurationSpi.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/security/auth/login/Configuration.Parameters.html)   [**NEXT CLASS**](http://docs.google.com/javax/security/auth/login/CredentialException.html) | [**FRAMES**](http://docs.google.com/index.html?javax/security/auth/login/ConfigurationSpi.html)    [**NO FRAMES**](http://docs.google.com/ConfigurationSpi.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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