| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/KeyStore.SecretKeyEntry.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/KeyStore.ProtectionParameter.html)   [**NEXT CLASS**](http://docs.google.com/java/security/KeyStore.TrustedCertificateEntry.html) | [**FRAMES**](http://docs.google.com/index.html?java/security/KeyStore.SecretKeyEntry.html)    [**NO FRAMES**](http://docs.google.com/KeyStore.SecretKeyEntry.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**

Class KeyStore.SecretKeyEntry

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

**All Implemented Interfaces:** [KeyStore.Entry](http://docs.google.com/java/security/KeyStore.Entry.html) **Enclosing class:**[KeyStore](http://docs.google.com/java/security/KeyStore.html)

public static final class **KeyStore.SecretKeyEntry**extends [Object](http://docs.google.com/java/lang/Object.html)implements [KeyStore.Entry](http://docs.google.com/java/security/KeyStore.Entry.html)

A KeyStore entry that holds a SecretKey.

**Since:** 1.5

| **Constructor Summary** | |
| --- | --- |
| [**KeyStore.SecretKeyEntry**](http://docs.google.com/java/security/KeyStore.SecretKeyEntry.html#KeyStore.SecretKeyEntry(javax.crypto.SecretKey))([SecretKey](http://docs.google.com/javax/crypto/SecretKey.html) secretKey)            Constructs a SecretKeyEntry with a SecretKey. |

| **Method Summary** | |
| --- | --- |
| [SecretKey](http://docs.google.com/javax/crypto/SecretKey.html) | [**getSecretKey**](http://docs.google.com/java/security/KeyStore.SecretKeyEntry.html#getSecretKey())()            Gets the SecretKey from this entry. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/java/security/KeyStore.SecretKeyEntry.html#toString())()            Returns a string representation of this SecretKeyEntry. |

| **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** |
| --- |

### KeyStore.SecretKeyEntry

public **KeyStore.SecretKeyEntry**([SecretKey](http://docs.google.com/javax/crypto/SecretKey.html) secretKey)

Constructs a SecretKeyEntry with a SecretKey.

**Parameters:**secretKey - the SecretKey **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if secretKey is null

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

### getSecretKey

public [SecretKey](http://docs.google.com/javax/crypto/SecretKey.html) **getSecretKey**()

Gets the SecretKey from this entry.

**Returns:**the SecretKey from this entry

### toString

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

Returns a string representation of this SecretKeyEntry.

**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 SecretKeyEntry.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/KeyStore.SecretKeyEntry.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/KeyStore.ProtectionParameter.html)   [**NEXT CLASS**](http://docs.google.com/java/security/KeyStore.TrustedCertificateEntry.html) | [**FRAMES**](http://docs.google.com/index.html?java/security/KeyStore.SecretKeyEntry.html)    [**NO FRAMES**](http://docs.google.com/KeyStore.SecretKeyEntry.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.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).