| | [**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.PasswordProtection.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.LoadStoreParameter.html)   [**NEXT CLASS**](http://docs.google.com/java/security/KeyStore.PrivateKeyEntry.html) | [**FRAMES**](http://docs.google.com/index.html?java/security/KeyStore.PasswordProtection.html)    [**NO FRAMES**](http://docs.google.com/KeyStore.PasswordProtection.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.PasswordProtection

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

**All Implemented Interfaces:** [KeyStore.ProtectionParameter](http://docs.google.com/java/security/KeyStore.ProtectionParameter.html), [Destroyable](http://docs.google.com/javax/security/auth/Destroyable.html) **Enclosing class:**[KeyStore](http://docs.google.com/java/security/KeyStore.html)

public static class **KeyStore.PasswordProtection**extends [Object](http://docs.google.com/java/lang/Object.html)implements [KeyStore.ProtectionParameter](http://docs.google.com/java/security/KeyStore.ProtectionParameter.html), [Destroyable](http://docs.google.com/javax/security/auth/Destroyable.html)

A password-based implementation of ProtectionParameter.

**Since:** 1.5

| **Constructor Summary** | |
| --- | --- |
| [**KeyStore.PasswordProtection**](http://docs.google.com/java/security/KeyStore.PasswordProtection.html#KeyStore.PasswordProtection(char%5B%5D))(char[] password)            Creates a password parameter. |

| **Method Summary** | |
| --- | --- |
| void | [**destroy**](http://docs.google.com/java/security/KeyStore.PasswordProtection.html#destroy())()            Clears the password. |
| char[] | [**getPassword**](http://docs.google.com/java/security/KeyStore.PasswordProtection.html#getPassword())()            Gets the password. |
| boolean | [**isDestroyed**](http://docs.google.com/java/security/KeyStore.PasswordProtection.html#isDestroyed())()            Determines if password has been cleared. |

| **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** |
| --- |

### KeyStore.PasswordProtection

public **KeyStore.PasswordProtection**(char[] password)

Creates a password parameter.

The specified password is cloned before it is stored in the new PasswordProtection object.

**Parameters:**password - the password, which may be null

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

### getPassword

public char[] **getPassword**()

Gets the password.

Note that this method returns a reference to the password. If a clone of the array is created it is the caller's responsibility to zero out the password information after it is no longer needed.

**Returns:**the password, which may be null **Throws:** [IllegalStateException](http://docs.google.com/java/lang/IllegalStateException.html) - if the password has been cleared (destroyed)**See Also:**[destroy()](http://docs.google.com/java/security/KeyStore.PasswordProtection.html#destroy())

### destroy

public void **destroy**()  
 throws [DestroyFailedException](http://docs.google.com/javax/security/auth/DestroyFailedException.html)

Clears the password.

**Specified by:**[destroy](http://docs.google.com/javax/security/auth/Destroyable.html#destroy()) in interface [Destroyable](http://docs.google.com/javax/security/auth/Destroyable.html) **Throws:** DestroyFailedException - if this method was unable to clear the password

### isDestroyed

public boolean **isDestroyed**()

Determines if password has been cleared.

**Specified by:**[isDestroyed](http://docs.google.com/javax/security/auth/Destroyable.html#isDestroyed()) in interface [Destroyable](http://docs.google.com/javax/security/auth/Destroyable.html) **Returns:**true if the password has been cleared, 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/KeyStore.PasswordProtection.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.LoadStoreParameter.html)   [**NEXT CLASS**](http://docs.google.com/java/security/KeyStore.PrivateKeyEntry.html) | [**FRAMES**](http://docs.google.com/index.html?java/security/KeyStore.PasswordProtection.html)    [**NO FRAMES**](http://docs.google.com/KeyStore.PasswordProtection.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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