| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/PasswordCallback.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/callback/NameCallback.html)   [**NEXT CLASS**](http://docs.google.com/javax/security/auth/callback/TextInputCallback.html) | [**FRAMES**](http://docs.google.com/index.html?javax/security/auth/callback/PasswordCallback.html)    [**NO FRAMES**](http://docs.google.com/PasswordCallback.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.callback**

Class PasswordCallback

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

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [Callback](http://docs.google.com/javax/security/auth/callback/Callback.html)

public class **PasswordCallback**extends [Object](http://docs.google.com/java/lang/Object.html)implements [Callback](http://docs.google.com/javax/security/auth/callback/Callback.html), [Serializable](http://docs.google.com/java/io/Serializable.html)

Underlying security services instantiate and pass a PasswordCallback to the handle method of a CallbackHandler to retrieve password information.

**See Also:**[CallbackHandler](http://docs.google.com/javax/security/auth/callback/CallbackHandler.html), [Serialized Form](http://docs.google.com/serialized-form.html#javax.security.auth.callback.PasswordCallback)

| **Constructor Summary** | |
| --- | --- |
| [**PasswordCallback**](http://docs.google.com/javax/security/auth/callback/PasswordCallback.html#PasswordCallback(java.lang.String,%20boolean))([String](http://docs.google.com/java/lang/String.html) prompt, boolean echoOn)            Construct a PasswordCallback with a prompt and a boolean specifying whether the password should be displayed as it is being typed. |

| **Method Summary** | |
| --- | --- |
| void | [**clearPassword**](http://docs.google.com/javax/security/auth/callback/PasswordCallback.html#clearPassword())()            Clear the retrieved password. |
| char[] | [**getPassword**](http://docs.google.com/javax/security/auth/callback/PasswordCallback.html#getPassword())()            Get the retrieved password. |
| [String](http://docs.google.com/java/lang/String.html) | [**getPrompt**](http://docs.google.com/javax/security/auth/callback/PasswordCallback.html#getPrompt())()            Get the prompt. |
| boolean | [**isEchoOn**](http://docs.google.com/javax/security/auth/callback/PasswordCallback.html#isEchoOn())()            Return whether the password should be displayed as it is being typed. |
| void | [**setPassword**](http://docs.google.com/javax/security/auth/callback/PasswordCallback.html#setPassword(char%5B%5D))(char[] password)            Set the retrieved password. |

| **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** |
| --- |

### PasswordCallback

public **PasswordCallback**([String](http://docs.google.com/java/lang/String.html) prompt,  
 boolean echoOn)

Construct a PasswordCallback with a prompt and a boolean specifying whether the password should be displayed as it is being typed.

**Parameters:**prompt - the prompt used to request the password.

echoOn - true if the password should be displayed as it is being typed. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if prompt is null or if prompt has a length of 0.

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

### getPrompt

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

Get the prompt.

**Returns:**the prompt.

### isEchoOn

public boolean **isEchoOn**()

Return whether the password should be displayed as it is being typed.

**Returns:**the whether the password should be displayed as it is being typed.

### setPassword

public void **setPassword**(char[] password)

Set the retrieved password.

This method makes a copy of the input *password* before storing it.

**Parameters:**password - the retrieved password, which may be null.**See Also:**[getPassword()](http://docs.google.com/javax/security/auth/callback/PasswordCallback.html#getPassword())

### getPassword

public char[] **getPassword**()

Get the retrieved password.

This method returns a copy of the retrieved password.

**Returns:**the retrieved password, which may be null.**See Also:**[setPassword(char[])](http://docs.google.com/javax/security/auth/callback/PasswordCallback.html#setPassword(char%5B%5D))

### clearPassword

public void **clearPassword**()

Clear the retrieved password.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/PasswordCallback.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/callback/NameCallback.html)   [**NEXT CLASS**](http://docs.google.com/javax/security/auth/callback/TextInputCallback.html) | [**FRAMES**](http://docs.google.com/index.html?javax/security/auth/callback/PasswordCallback.html)    [**NO FRAMES**](http://docs.google.com/PasswordCallback.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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