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

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

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

public class **ChoiceCallback**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 ChoiceCallback to the handle method of a CallbackHandler to display a list of choices and to retrieve the selected choice(s).

**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.ChoiceCallback)

| **Constructor Summary** | |
| --- | --- |
| [**ChoiceCallback**](http://docs.google.com/javax/security/auth/callback/ChoiceCallback.html#ChoiceCallback(java.lang.String,%20java.lang.String%5B%5D,%20int,%20boolean))([String](http://docs.google.com/java/lang/String.html) prompt, [String](http://docs.google.com/java/lang/String.html)[] choices, int defaultChoice, boolean multipleSelectionsAllowed)            Construct a ChoiceCallback with a prompt, a list of choices, a default choice, and a boolean specifying whether or not multiple selections from the list of choices are allowed. |

| **Method Summary** | |
| --- | --- |
| boolean | [**allowMultipleSelections**](http://docs.google.com/javax/security/auth/callback/ChoiceCallback.html#allowMultipleSelections())()            Get the boolean determining whether multiple selections from the choices list are allowed. |
| [String](http://docs.google.com/java/lang/String.html)[] | [**getChoices**](http://docs.google.com/javax/security/auth/callback/ChoiceCallback.html#getChoices())()            Get the list of choices. |
| int | [**getDefaultChoice**](http://docs.google.com/javax/security/auth/callback/ChoiceCallback.html#getDefaultChoice())()            Get the defaultChoice. |
| [String](http://docs.google.com/java/lang/String.html) | [**getPrompt**](http://docs.google.com/javax/security/auth/callback/ChoiceCallback.html#getPrompt())()            Get the prompt. |
| int[] | [**getSelectedIndexes**](http://docs.google.com/javax/security/auth/callback/ChoiceCallback.html#getSelectedIndexes())()            Get the selected choices. |
| void | [**setSelectedIndex**](http://docs.google.com/javax/security/auth/callback/ChoiceCallback.html#setSelectedIndex(int))(int selection)            Set the selected choice. |
| void | [**setSelectedIndexes**](http://docs.google.com/javax/security/auth/callback/ChoiceCallback.html#setSelectedIndexes(int%5B%5D))(int[] selections)            Set the selected choices. |

| **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** |
| --- |

### ChoiceCallback

public **ChoiceCallback**([String](http://docs.google.com/java/lang/String.html) prompt,  
 [String](http://docs.google.com/java/lang/String.html)[] choices,  
 int defaultChoice,  
 boolean multipleSelectionsAllowed)

Construct a ChoiceCallback with a prompt, a list of choices, a default choice, and a boolean specifying whether or not multiple selections from the list of choices are allowed.

**Parameters:**prompt - the prompt used to describe the list of choices.

choices - the list of choices.

defaultChoice - the choice to be used as the default choice when the list of choices are displayed. This value is represented as an index into the choices array.

multipleSelectionsAllowed - boolean specifying whether or not multiple selections can be made from the list of choices. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if prompt is null, if prompt has a length of 0, if choices is null, if choices has a length of 0, if any element from choices is null, if any element from choices has a length of 0 or if defaultChoice does not fall within the array boundaries of choices.

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

### getPrompt

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

Get the prompt.

**Returns:**the prompt.

### getChoices

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

Get the list of choices.

**Returns:**the list of choices.

### getDefaultChoice

public int **getDefaultChoice**()

Get the defaultChoice.

**Returns:**the defaultChoice, represented as an index into the choices list.

### allowMultipleSelections

public boolean **allowMultipleSelections**()

Get the boolean determining whether multiple selections from the choices list are allowed.

**Returns:**whether multiple selections are allowed.

### setSelectedIndex

public void **setSelectedIndex**(int selection)

Set the selected choice.

**Parameters:**selection - the selection represented as an index into the choices list.**See Also:**[getSelectedIndexes()](http://docs.google.com/javax/security/auth/callback/ChoiceCallback.html#getSelectedIndexes())

### setSelectedIndexes

public void **setSelectedIndexes**(int[] selections)

Set the selected choices.

**Parameters:**selections - the selections represented as indexes into the choices list. **Throws:** [UnsupportedOperationException](http://docs.google.com/java/lang/UnsupportedOperationException.html) - if multiple selections are not allowed, as determined by allowMultipleSelections.**See Also:**[getSelectedIndexes()](http://docs.google.com/javax/security/auth/callback/ChoiceCallback.html#getSelectedIndexes())

### getSelectedIndexes

public int[] **getSelectedIndexes**()

Get the selected choices.

**Returns:**the selected choices, represented as indexes into the choices list.**See Also:**[setSelectedIndexes(int[])](http://docs.google.com/javax/security/auth/callback/ChoiceCallback.html#setSelectedIndexes(int%5B%5D))

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