| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/TextOutputCallback.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/TextInputCallback.html)   [**NEXT CLASS**](http://docs.google.com/javax/security/auth/callback/UnsupportedCallbackException.html) | [**FRAMES**](http://docs.google.com/index.html?javax/security/auth/callback/TextOutputCallback.html)    [**NO FRAMES**](http://docs.google.com/TextOutputCallback.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#3rdcrjn) | [METHOD](#lnxbz9) |

## **javax.security.auth.callback**

Class TextOutputCallback

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

**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 **TextOutputCallback**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 TextOutputCallback to the handle method of a CallbackHandler to display information messages, warning messages and error messages.

**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.TextOutputCallback)

| **Field Summary** | |
| --- | --- |
| static int | [**ERROR**](http://docs.google.com/javax/security/auth/callback/TextOutputCallback.html#ERROR)            Error message. |
| static int | [**INFORMATION**](http://docs.google.com/javax/security/auth/callback/TextOutputCallback.html#INFORMATION)            Information message. |
| static int | [**WARNING**](http://docs.google.com/javax/security/auth/callback/TextOutputCallback.html#WARNING)            Warning message. |

| **Constructor Summary** | |
| --- | --- |
| [**TextOutputCallback**](http://docs.google.com/javax/security/auth/callback/TextOutputCallback.html#TextOutputCallback(int,%20java.lang.String))(int messageType, [String](http://docs.google.com/java/lang/String.html) message)            Construct a TextOutputCallback with a message type and message to be displayed. |

| **Method Summary** | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | [**getMessage**](http://docs.google.com/javax/security/auth/callback/TextOutputCallback.html#getMessage())()            Get the message to be displayed. |
| int | [**getMessageType**](http://docs.google.com/javax/security/auth/callback/TextOutputCallback.html#getMessageType())()            Get the message type. |

| **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)) |

| **Field Detail** |
| --- |

### INFORMATION

public static final int **INFORMATION**

Information message.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.security.auth.callback.TextOutputCallback.INFORMATION)

### WARNING

public static final int **WARNING**

Warning message.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.security.auth.callback.TextOutputCallback.WARNING)

### ERROR

public static final int **ERROR**

Error message.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.security.auth.callback.TextOutputCallback.ERROR)

| **Constructor Detail** |
| --- |

### TextOutputCallback

public **TextOutputCallback**(int messageType,  
 [String](http://docs.google.com/java/lang/String.html) message)

Construct a TextOutputCallback with a message type and message to be displayed.

**Parameters:**messageType - the message type (INFORMATION, WARNING or ERROR).

message - the message to be displayed.

**Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if messageType is not either INFORMATION, WARNING or ERROR, if message is null, or if message has a length of 0.

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

### getMessageType

public int **getMessageType**()

Get the message type.

**Returns:**the message type (INFORMATION, WARNING or ERROR).

### getMessage

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

Get the message to be displayed.

**Returns:**the message to be displayed.

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