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

## **javax.security.sasl**

Class SaslException

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.lang.Throwable](http://docs.google.com/java/lang/Throwable.html)  
 [java.lang.Exception](http://docs.google.com/java/lang/Exception.html)  
 [java.io.IOException](http://docs.google.com/java/io/IOException.html)  
 **javax.security.sasl.SaslException**

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

public class **SaslException**extends [IOException](http://docs.google.com/java/io/IOException.html)

This class represents an error that has occurred when using SASL.

**Since:** 1.5 **See Also:**[Serialized Form](http://docs.google.com/serialized-form.html#javax.security.sasl.SaslException)

| **Constructor Summary** | |
| --- | --- |
| [**SaslException**](http://docs.google.com/javax/security/sasl/SaslException.html#SaslException())()            Constructs a new instance of SaslException. |
| [**SaslException**](http://docs.google.com/javax/security/sasl/SaslException.html#SaslException(java.lang.String))([String](http://docs.google.com/java/lang/String.html) detail)            Constructs a new instance of SaslException with a detailed message. |
| [**SaslException**](http://docs.google.com/javax/security/sasl/SaslException.html#SaslException(java.lang.String,%20java.lang.Throwable))([String](http://docs.google.com/java/lang/String.html) detail, [Throwable](http://docs.google.com/java/lang/Throwable.html) ex)            Constructs a new instance of SaslException with a detailed message and a root exception. |

| **Method Summary** | |
| --- | --- |
| [Throwable](http://docs.google.com/java/lang/Throwable.html) | [**getCause**](http://docs.google.com/javax/security/sasl/SaslException.html#getCause())()            Returns the cause of this throwable or null if the cause is nonexistent or unknown. |
| [Throwable](http://docs.google.com/java/lang/Throwable.html) | [**initCause**](http://docs.google.com/javax/security/sasl/SaslException.html#initCause(java.lang.Throwable))([Throwable](http://docs.google.com/java/lang/Throwable.html) cause)            Initializes the *cause* of this throwable to the specified value. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/javax/security/sasl/SaslException.html#toString())()            Returns the string representation of this exception. |

| **Methods inherited from class java.lang.**[**Throwable**](http://docs.google.com/java/lang/Throwable.html) |
| --- |
| [fillInStackTrace](http://docs.google.com/java/lang/Throwable.html#fillInStackTrace()), [getLocalizedMessage](http://docs.google.com/java/lang/Throwable.html#getLocalizedMessage()), [getMessage](http://docs.google.com/java/lang/Throwable.html#getMessage()), [getStackTrace](http://docs.google.com/java/lang/Throwable.html#getStackTrace()), [printStackTrace](http://docs.google.com/java/lang/Throwable.html#printStackTrace()), [printStackTrace](http://docs.google.com/java/lang/Throwable.html#printStackTrace(java.io.PrintStream)), [printStackTrace](http://docs.google.com/java/lang/Throwable.html#printStackTrace(java.io.PrintWriter)), [setStackTrace](http://docs.google.com/java/lang/Throwable.html#setStackTrace(java.lang.StackTraceElement%5B%5D)) |

| **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** |
| --- |

### SaslException

public **SaslException**()

Constructs a new instance of SaslException. The root exception and the detailed message are null.

### SaslException

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

Constructs a new instance of SaslException with a detailed message. The root exception is null.

**Parameters:**detail - A possibly null string containing details of the exception.**See Also:**[Throwable.getMessage()](http://docs.google.com/java/lang/Throwable.html#getMessage())

### SaslException

public **SaslException**([String](http://docs.google.com/java/lang/String.html) detail,  
 [Throwable](http://docs.google.com/java/lang/Throwable.html) ex)

Constructs a new instance of SaslException with a detailed message and a root exception. For example, a SaslException might result from a problem with the callback handler, which might throw a NoSuchCallbackException if it does not support the requested callback, or throw an IOException if it had problems obtaining data for the callback. The SaslException's root exception would be then be the exception thrown by the callback handler.

**Parameters:**detail - A possibly null string containing details of the exception.ex - A possibly null root exception that caused this exception.**See Also:**[Throwable.getMessage()](http://docs.google.com/java/lang/Throwable.html#getMessage()), [getCause()](http://docs.google.com/javax/security/sasl/SaslException.html#getCause())

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

### getCause

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

**Description copied from class:** [**Throwable**](http://docs.google.com/java/lang/Throwable.html#getCause()) Returns the cause of this throwable or null if the cause is nonexistent or unknown. (The cause is the throwable that caused this throwable to get thrown.)

This implementation returns the cause that was supplied via one of the constructors requiring a Throwable, or that was set after creation with the [Throwable.initCause(Throwable)](http://docs.google.com/java/lang/Throwable.html#initCause(java.lang.Throwable)) method. While it is typically unnecessary to override this method, a subclass can override it to return a cause set by some other means. This is appropriate for a "legacy chained throwable" that predates the addition of chained exceptions to Throwable. Note that it is *not* necessary to override any of the PrintStackTrace methods, all of which invoke the getCause method to determine the cause of a throwable.

**Overrides:**[getCause](http://docs.google.com/java/lang/Throwable.html#getCause()) in class [Throwable](http://docs.google.com/java/lang/Throwable.html) **Returns:**the cause of this throwable or null if the cause is nonexistent or unknown.

### initCause

public [Throwable](http://docs.google.com/java/lang/Throwable.html) **initCause**([Throwable](http://docs.google.com/java/lang/Throwable.html) cause)

**Description copied from class:** [**Throwable**](http://docs.google.com/java/lang/Throwable.html#initCause(java.lang.Throwable)) Initializes the *cause* of this throwable to the specified value. (The cause is the throwable that caused this throwable to get thrown.)

This method can be called at most once. It is generally called from within the constructor, or immediately after creating the throwable. If this throwable was created with [Throwable.Throwable(Throwable)](http://docs.google.com/java/lang/Throwable.html#Throwable(java.lang.Throwable)) or [Throwable.Throwable(String,Throwable)](http://docs.google.com/java/lang/Throwable.html#Throwable(java.lang.String,%20java.lang.Throwable)), this method cannot be called even once.

**Overrides:**[initCause](http://docs.google.com/java/lang/Throwable.html#initCause(java.lang.Throwable)) in class [Throwable](http://docs.google.com/java/lang/Throwable.html) **Parameters:**cause - the cause (which is saved for later retrieval by the [Throwable.getCause()](http://docs.google.com/java/lang/Throwable.html#getCause()) method). (A null value is permitted, and indicates that the cause is nonexistent or unknown.) **Returns:**a reference to this Throwable instance.

### toString

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

Returns the string representation of this exception. The string representation contains this exception's class name, its detailed messsage, and if it has a root exception, the string representation of the root exception. This string representation is meant for debugging and not meant to be interpreted programmatically.

**Overrides:**[toString](http://docs.google.com/java/lang/Throwable.html#toString()) in class [Throwable](http://docs.google.com/java/lang/Throwable.html) **Returns:**The non-null string representation of this exception.**See Also:**[Throwable.getMessage()](http://docs.google.com/java/lang/Throwable.html#getMessage())

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

[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).