| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AuthenticationException.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   [**NEXT CLASS**](http://docs.google.com/javax/security/sasl/AuthorizeCallback.html) | [**FRAMES**](http://docs.google.com/index.html?javax/security/sasl/AuthenticationException.html)    [**NO FRAMES**](http://docs.google.com/AuthenticationException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#tyjcwt) | DETAIL: FIELD | [CONSTR](#4d34og8) | METHOD |

## **javax.security.sasl**

Class AuthenticationException

[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](http://docs.google.com/javax/security/sasl/SaslException.html)  
 **javax.security.sasl.AuthenticationException**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html)

public class **AuthenticationException**extends [SaslException](http://docs.google.com/javax/security/sasl/SaslException.html)

This exception is thrown by a SASL mechanism implementation to indicate that the SASL exchange has failed due to reasons related to authentication, such as an invalid identity, passphrase, or key.

Note that the lack of an AuthenticationException does not mean that the failure was not due to an authentication error. A SASL mechanism implementation might throw the more general SaslException instead of AuthenticationException if it is unable to determine the nature of the failure, or if does not want to disclose the nature of the failure, for example, due to security reasons.

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

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

| **Method Summary** | |
| --- | --- |

| **Methods inherited from class javax.security.sasl.**[**SaslException**](http://docs.google.com/javax/security/sasl/SaslException.html) |
| --- |
| [getCause](http://docs.google.com/javax/security/sasl/SaslException.html#getCause()), [initCause](http://docs.google.com/javax/security/sasl/SaslException.html#initCause(java.lang.Throwable)), [toString](http://docs.google.com/javax/security/sasl/SaslException.html#toString()) |

| **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** |
| --- |

### AuthenticationException

public **AuthenticationException**()

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

### AuthenticationException

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

Constructs a new instance of AuthenticationException 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())

### AuthenticationException

public **AuthenticationException**([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 AuthenticationException with a detailed message and a root exception.

**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()), [SaslException.getCause()](http://docs.google.com/javax/security/sasl/SaslException.html#getCause())

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