| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/NoSuchAlgorithmException.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/java/security/MessageDigestSpi.html)   [**NEXT CLASS**](http://docs.google.com/java/security/NoSuchProviderException.html) | [**FRAMES**](http://docs.google.com/index.html?java/security/NoSuchAlgorithmException.html)    [**NO FRAMES**](http://docs.google.com/NoSuchAlgorithmException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#tyjcwt) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | METHOD |

## **java.security**

Class NoSuchAlgorithmException

[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.security.GeneralSecurityException](http://docs.google.com/java/security/GeneralSecurityException.html)  
 **java.security.NoSuchAlgorithmException**

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

public class **NoSuchAlgorithmException**extends [GeneralSecurityException](http://docs.google.com/java/security/GeneralSecurityException.html)

This exception is thrown when a particular cryptographic algorithm is requested but is not available in the environment.

**See Also:**[Serialized Form](http://docs.google.com/serialized-form.html#java.security.NoSuchAlgorithmException)

| **Constructor Summary** | |
| --- | --- |
| [**NoSuchAlgorithmException**](http://docs.google.com/java/security/NoSuchAlgorithmException.html#NoSuchAlgorithmException())()            Constructs a NoSuchAlgorithmException with no detail message. |
| [**NoSuchAlgorithmException**](http://docs.google.com/java/security/NoSuchAlgorithmException.html#NoSuchAlgorithmException(java.lang.String))([String](http://docs.google.com/java/lang/String.html) msg)            Constructs a NoSuchAlgorithmException with the specified detail message. |
| [**NoSuchAlgorithmException**](http://docs.google.com/java/security/NoSuchAlgorithmException.html#NoSuchAlgorithmException(java.lang.String,%20java.lang.Throwable))([String](http://docs.google.com/java/lang/String.html) message, [Throwable](http://docs.google.com/java/lang/Throwable.html) cause)            Creates a NoSuchAlgorithmException with the specified detail message and cause. |
| [**NoSuchAlgorithmException**](http://docs.google.com/java/security/NoSuchAlgorithmException.html#NoSuchAlgorithmException(java.lang.Throwable))([Throwable](http://docs.google.com/java/lang/Throwable.html) cause)            Creates a NoSuchAlgorithmException with the specified cause and a detail message of (cause==null ? null : cause.toString()) (which typically contains the class and detail message of cause). |

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

| **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()), [getCause](http://docs.google.com/java/lang/Throwable.html#getCause()), [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()), [initCause](http://docs.google.com/java/lang/Throwable.html#initCause(java.lang.Throwable)), [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)), [toString](http://docs.google.com/java/lang/Throwable.html#toString()) |

| **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** |
| --- |

### NoSuchAlgorithmException

public **NoSuchAlgorithmException**()

Constructs a NoSuchAlgorithmException with no detail message. A detail message is a String that describes this particular exception.

### NoSuchAlgorithmException

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

Constructs a NoSuchAlgorithmException with the specified detail message. A detail message is a String that describes this particular exception, which may, for example, specify which algorithm is not available.

**Parameters:**msg - the detail message.

### NoSuchAlgorithmException

public **NoSuchAlgorithmException**([String](http://docs.google.com/java/lang/String.html) message,  
 [Throwable](http://docs.google.com/java/lang/Throwable.html) cause)

Creates a NoSuchAlgorithmException with the specified detail message and cause.

**Parameters:**message - the detail message (which is saved for later retrieval by the [Throwable.getMessage()](http://docs.google.com/java/lang/Throwable.html#getMessage()) method).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.)**Since:** 1.5

### NoSuchAlgorithmException

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

Creates a NoSuchAlgorithmException with the specified cause and a detail message of (cause==null ? null : cause.toString()) (which typically contains the class and detail message of cause).

**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.)**Since:** 1.5

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/NoSuchAlgorithmException.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*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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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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