| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/NullCipher.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/crypto/NoSuchPaddingException.html)   [**NEXT CLASS**](http://docs.google.com/javax/crypto/SealedObject.html) | [**FRAMES**](http://docs.google.com/index.html?javax/crypto/NullCipher.html)    [**NO FRAMES**](http://docs.google.com/NullCipher.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#1t3h5sf) | DETAIL: FIELD | [CONSTR](#2s8eyo1) | METHOD |

## **javax.crypto**

Class NullCipher

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.crypto.Cipher](http://docs.google.com/javax/crypto/Cipher.html)  
 **javax.crypto.NullCipher**

public class **NullCipher**extends [Cipher](http://docs.google.com/javax/crypto/Cipher.html)

The NullCipher class is a class that provides an "identity cipher" -- one that does not tranform the plaintext. As a consequence, the ciphertext is identical to the plaintext. All initialization methods do nothing, while the blocksize is set to 1 byte.

**Since:** 1.4

| **Field Summary** | |
| --- | --- |

| **Fields inherited from class javax.crypto.**[**Cipher**](http://docs.google.com/javax/crypto/Cipher.html) |
| --- |
| [DECRYPT\_MODE](http://docs.google.com/javax/crypto/Cipher.html#DECRYPT_MODE), [ENCRYPT\_MODE](http://docs.google.com/javax/crypto/Cipher.html#ENCRYPT_MODE), [PRIVATE\_KEY](http://docs.google.com/javax/crypto/Cipher.html#PRIVATE_KEY), [PUBLIC\_KEY](http://docs.google.com/javax/crypto/Cipher.html#PUBLIC_KEY), [SECRET\_KEY](http://docs.google.com/javax/crypto/Cipher.html#SECRET_KEY), [UNWRAP\_MODE](http://docs.google.com/javax/crypto/Cipher.html#UNWRAP_MODE), [WRAP\_MODE](http://docs.google.com/javax/crypto/Cipher.html#WRAP_MODE) |

| **Constructor Summary** | |
| --- | --- |
| [**NullCipher**](http://docs.google.com/javax/crypto/NullCipher.html#NullCipher())() |

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

| **Methods inherited from class javax.crypto.**[**Cipher**](http://docs.google.com/javax/crypto/Cipher.html) |
| --- |
| [doFinal](http://docs.google.com/javax/crypto/Cipher.html#doFinal()), [doFinal](http://docs.google.com/javax/crypto/Cipher.html#doFinal(byte%5B%5D)), [doFinal](http://docs.google.com/javax/crypto/Cipher.html#doFinal(byte%5B%5D,%20int)), [doFinal](http://docs.google.com/javax/crypto/Cipher.html#doFinal(byte%5B%5D,%20int,%20int)), [doFinal](http://docs.google.com/javax/crypto/Cipher.html#doFinal(byte%5B%5D,%20int,%20int,%20byte%5B%5D)), [doFinal](http://docs.google.com/javax/crypto/Cipher.html#doFinal(byte%5B%5D,%20int,%20int,%20byte%5B%5D,%20int)), [doFinal](http://docs.google.com/javax/crypto/Cipher.html#doFinal(java.nio.ByteBuffer,%20java.nio.ByteBuffer)), [getAlgorithm](http://docs.google.com/javax/crypto/Cipher.html#getAlgorithm()), [getBlockSize](http://docs.google.com/javax/crypto/Cipher.html#getBlockSize()), [getExemptionMechanism](http://docs.google.com/javax/crypto/Cipher.html#getExemptionMechanism()), [getInstance](http://docs.google.com/javax/crypto/Cipher.html#getInstance(java.lang.String)), [getInstance](http://docs.google.com/javax/crypto/Cipher.html#getInstance(java.lang.String,%20java.security.Provider)), [getInstance](http://docs.google.com/javax/crypto/Cipher.html#getInstance(java.lang.String,%20java.lang.String)), [getIV](http://docs.google.com/javax/crypto/Cipher.html#getIV()), [getMaxAllowedKeyLength](http://docs.google.com/javax/crypto/Cipher.html#getMaxAllowedKeyLength(java.lang.String)), [getMaxAllowedParameterSpec](http://docs.google.com/javax/crypto/Cipher.html#getMaxAllowedParameterSpec(java.lang.String)), [getOutputSize](http://docs.google.com/javax/crypto/Cipher.html#getOutputSize(int)), [getParameters](http://docs.google.com/javax/crypto/Cipher.html#getParameters()), [getProvider](http://docs.google.com/javax/crypto/Cipher.html#getProvider()), [init](http://docs.google.com/javax/crypto/Cipher.html#init(int,%20java.security.cert.Certificate)), [init](http://docs.google.com/javax/crypto/Cipher.html#init(int,%20java.security.cert.Certificate,%20java.security.SecureRandom)), [init](http://docs.google.com/javax/crypto/Cipher.html#init(int,%20java.security.Key)), [init](http://docs.google.com/javax/crypto/Cipher.html#init(int,%20java.security.Key,%20java.security.AlgorithmParameters)), [init](http://docs.google.com/javax/crypto/Cipher.html#init(int,%20java.security.Key,%20java.security.spec.AlgorithmParameterSpec)), [init](http://docs.google.com/javax/crypto/Cipher.html#init(int,%20java.security.Key,%20java.security.spec.AlgorithmParameterSpec,%20java.security.SecureRandom)), [init](http://docs.google.com/javax/crypto/Cipher.html#init(int,%20java.security.Key,%20java.security.AlgorithmParameters,%20java.security.SecureRandom)), [init](http://docs.google.com/javax/crypto/Cipher.html#init(int,%20java.security.Key,%20java.security.SecureRandom)), [unwrap](http://docs.google.com/javax/crypto/Cipher.html#unwrap(byte%5B%5D,%20java.lang.String,%20int)), [update](http://docs.google.com/javax/crypto/Cipher.html#update(byte%5B%5D)), [update](http://docs.google.com/javax/crypto/Cipher.html#update(byte%5B%5D,%20int,%20int)), [update](http://docs.google.com/javax/crypto/Cipher.html#update(byte%5B%5D,%20int,%20int,%20byte%5B%5D)), [update](http://docs.google.com/javax/crypto/Cipher.html#update(byte%5B%5D,%20int,%20int,%20byte%5B%5D,%20int)), [update](http://docs.google.com/javax/crypto/Cipher.html#update(java.nio.ByteBuffer,%20java.nio.ByteBuffer)), [wrap](http://docs.google.com/javax/crypto/Cipher.html#wrap(java.security.Key)) |

| **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** |
| --- |

### NullCipher

public **NullCipher**()

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/NullCipher.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/crypto/NoSuchPaddingException.html)   [**NEXT CLASS**](http://docs.google.com/javax/crypto/SealedObject.html) | [**FRAMES**](http://docs.google.com/index.html?javax/crypto/NullCipher.html)    [**NO FRAMES**](http://docs.google.com/NullCipher.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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