| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SSLEngineResult.Status.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/net/ssl/SSLEngineResult.HandshakeStatus.html)   [**NEXT CLASS**](http://docs.google.com/javax/net/ssl/SSLException.html) | [**FRAMES**](http://docs.google.com/index.html?javax/net/ssl/SSLEngineResult.Status.html)    [**NO FRAMES**](http://docs.google.com/SSLEngineResult.Status.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [ENUM CONSTANTS](#3znysh7) | FIELD | [METHOD](#2et92p0) | DETAIL: [ENUM CONSTANTS](#1t3h5sf) | FIELD | [METHOD](#26in1rg) |

## **javax.net.ssl**

Enum SSLEngineResult.Status

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.lang.Enum](http://docs.google.com/java/lang/Enum.html)<[SSLEngineResult.Status](http://docs.google.com/javax/net/ssl/SSLEngineResult.Status.html)>  
 **javax.net.ssl.SSLEngineResult.Status**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [Comparable](http://docs.google.com/java/lang/Comparable.html)<[SSLEngineResult.Status](http://docs.google.com/javax/net/ssl/SSLEngineResult.Status.html)> **Enclosing class:**[SSLEngineResult](http://docs.google.com/javax/net/ssl/SSLEngineResult.html)

public static enum **SSLEngineResult.Status**extends [Enum](http://docs.google.com/java/lang/Enum.html)<[SSLEngineResult.Status](http://docs.google.com/javax/net/ssl/SSLEngineResult.Status.html)>

An SSLEngineResult enum describing the overall result of the SSLEngine operation. The Status value does not reflect the state of a SSLEngine handshake currently in progress. The SSLEngineResult's HandshakeStatus should be consulted for that information.

**Since:** 1.5

| **Enum Constant Summary** | |
| --- | --- |
| [**BUFFER\_OVERFLOW**](http://docs.google.com/javax/net/ssl/SSLEngineResult.Status.html#BUFFER_OVERFLOW)            The SSLEngine was not able to process the operation because there are not enough bytes available in the destination buffer to hold the result. |
| [**BUFFER\_UNDERFLOW**](http://docs.google.com/javax/net/ssl/SSLEngineResult.Status.html#BUFFER_UNDERFLOW)            The SSLEngine was not able to unwrap the incoming data because there were not enough source bytes available to make a complete packet. |
| [**CLOSED**](http://docs.google.com/javax/net/ssl/SSLEngineResult.Status.html#CLOSED)            The operation just closed this side of the SSLEngine, or the operation could not be completed because it was already closed. |
| [**OK**](http://docs.google.com/javax/net/ssl/SSLEngineResult.Status.html#OK)            The SSLEngine completed the operation, and is available to process similar calls. |

| **Method Summary** | |
| --- | --- |
| static [SSLEngineResult.Status](http://docs.google.com/javax/net/ssl/SSLEngineResult.Status.html) | [**valueOf**](http://docs.google.com/javax/net/ssl/SSLEngineResult.Status.html#valueOf(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Returns the enum constant of this type with the specified name. |
| static [SSLEngineResult.Status](http://docs.google.com/javax/net/ssl/SSLEngineResult.Status.html)[] | [**values**](http://docs.google.com/javax/net/ssl/SSLEngineResult.Status.html#values())()            Returns an array containing the constants of this enum type, in the order they are declared. |

| **Methods inherited from class java.lang.**[**Enum**](http://docs.google.com/java/lang/Enum.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Enum.html#clone()), [compareTo](http://docs.google.com/java/lang/Enum.html#compareTo(E)), [equals](http://docs.google.com/java/lang/Enum.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Enum.html#finalize()), [getDeclaringClass](http://docs.google.com/java/lang/Enum.html#getDeclaringClass()), [hashCode](http://docs.google.com/java/lang/Enum.html#hashCode()), [name](http://docs.google.com/java/lang/Enum.html#name()), [ordinal](http://docs.google.com/java/lang/Enum.html#ordinal()), [toString](http://docs.google.com/java/lang/Enum.html#toString()), [valueOf](http://docs.google.com/java/lang/Enum.html#valueOf(java.lang.Class,%20java.lang.String)) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [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)) |

| **Enum Constant Detail** |
| --- |

### BUFFER\_UNDERFLOW

public static final [SSLEngineResult.Status](http://docs.google.com/javax/net/ssl/SSLEngineResult.Status.html) **BUFFER\_UNDERFLOW**

The SSLEngine was not able to unwrap the incoming data because there were not enough source bytes available to make a complete packet.

Repeat the call once more bytes are available.

### BUFFER\_OVERFLOW

public static final [SSLEngineResult.Status](http://docs.google.com/javax/net/ssl/SSLEngineResult.Status.html) **BUFFER\_OVERFLOW**

The SSLEngine was not able to process the operation because there are not enough bytes available in the destination buffer to hold the result.

Repeat the call once more bytes are available.

**See Also:**[SSLSession.getPacketBufferSize()](http://docs.google.com/javax/net/ssl/SSLSession.html#getPacketBufferSize()), [SSLSession.getApplicationBufferSize()](http://docs.google.com/javax/net/ssl/SSLSession.html#getApplicationBufferSize())

### OK

public static final [SSLEngineResult.Status](http://docs.google.com/javax/net/ssl/SSLEngineResult.Status.html) **OK**

The SSLEngine completed the operation, and is available to process similar calls.

### CLOSED

public static final [SSLEngineResult.Status](http://docs.google.com/javax/net/ssl/SSLEngineResult.Status.html) **CLOSED**

The operation just closed this side of the SSLEngine, or the operation could not be completed because it was already closed.

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

### values

public static [SSLEngineResult.Status](http://docs.google.com/javax/net/ssl/SSLEngineResult.Status.html)[] **values**()

Returns an array containing the constants of this enum type, in the order they are declared. This method may be used to iterate over the constants as follows:

for (SSLEngineResult.Status c : SSLEngineResult.Status.values())  
  System.out.println(c);

**Returns:**an array containing the constants of this enum type, in the order they are declared

### valueOf

public static [SSLEngineResult.Status](http://docs.google.com/javax/net/ssl/SSLEngineResult.Status.html) **valueOf**([String](http://docs.google.com/java/lang/String.html) name)

Returns the enum constant of this type with the specified name. The string must match *exactly* an identifier used to declare an enum constant in this type. (Extraneous whitespace characters are not permitted.)

**Parameters:**name - the name of the enum constant to be returned. **Returns:**the enum constant with the specified name **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if this enum type has no constant with the specified name [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if the argument is null

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SSLEngineResult.Status.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/net/ssl/SSLEngineResult.HandshakeStatus.html)   [**NEXT CLASS**](http://docs.google.com/javax/net/ssl/SSLException.html) | [**FRAMES**](http://docs.google.com/index.html?javax/net/ssl/SSLEngineResult.Status.html)    [**NO FRAMES**](http://docs.google.com/SSLEngineResult.Status.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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