| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/KeySelector.Purpose.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/xml/crypto/KeySelector.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/crypto/KeySelectorException.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/crypto/KeySelector.Purpose.html)    [**NO FRAMES**](http://docs.google.com/KeySelector.Purpose.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | [METHOD](#2et92p0) | DETAIL: [FIELD](#3dy6vkm) | CONSTR | [METHOD](#3rdcrjn) |

## **javax.xml.crypto**

Class KeySelector.Purpose

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.xml.crypto.KeySelector.Purpose**

**Enclosing class:**[KeySelector](http://docs.google.com/javax/xml/crypto/KeySelector.html)

public static class **KeySelector.Purpose**extends [Object](http://docs.google.com/java/lang/Object.html)

The purpose of the key that is to be selected.

| **Field Summary** | |
| --- | --- |
| static [KeySelector.Purpose](http://docs.google.com/javax/xml/crypto/KeySelector.Purpose.html) | [**DECRYPT**](http://docs.google.com/javax/xml/crypto/KeySelector.Purpose.html#DECRYPT)            A key for decrypting. |
| static [KeySelector.Purpose](http://docs.google.com/javax/xml/crypto/KeySelector.Purpose.html) | [**ENCRYPT**](http://docs.google.com/javax/xml/crypto/KeySelector.Purpose.html#ENCRYPT)            A key for encrypting. |
| static [KeySelector.Purpose](http://docs.google.com/javax/xml/crypto/KeySelector.Purpose.html) | [**SIGN**](http://docs.google.com/javax/xml/crypto/KeySelector.Purpose.html#SIGN)            A key for signing. |
| static [KeySelector.Purpose](http://docs.google.com/javax/xml/crypto/KeySelector.Purpose.html) | [**VERIFY**](http://docs.google.com/javax/xml/crypto/KeySelector.Purpose.html#VERIFY)            A key for verifying. |

| **Method Summary** | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/javax/xml/crypto/KeySelector.Purpose.html#toString())()            Returns a string representation of this purpose ("sign", "verify", "encrypt", or "decrypt"). |

| **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)) |

| **Field Detail** |
| --- |

### SIGN

public static final [KeySelector.Purpose](http://docs.google.com/javax/xml/crypto/KeySelector.Purpose.html) **SIGN**

A key for signing.

### VERIFY

public static final [KeySelector.Purpose](http://docs.google.com/javax/xml/crypto/KeySelector.Purpose.html) **VERIFY**

A key for verifying.

### ENCRYPT

public static final [KeySelector.Purpose](http://docs.google.com/javax/xml/crypto/KeySelector.Purpose.html) **ENCRYPT**

A key for encrypting.

### DECRYPT

public static final [KeySelector.Purpose](http://docs.google.com/javax/xml/crypto/KeySelector.Purpose.html) **DECRYPT**

A key for decrypting.

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

### toString

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

Returns a string representation of this purpose ("sign", "verify", "encrypt", or "decrypt").

**Overrides:**[toString](http://docs.google.com/java/lang/Object.html#toString()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a string representation of this purpose

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/KeySelector.Purpose.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/xml/crypto/KeySelector.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/crypto/KeySelectorException.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/crypto/KeySelector.Purpose.html)    [**NO FRAMES**](http://docs.google.com/KeySelector.Purpose.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | [METHOD](#2et92p0) | DETAIL: [FIELD](#3dy6vkm) | CONSTR | [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.

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