| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SourceVersion.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 | [**FRAMES**](http://docs.google.com/index.html?javax/lang/model/SourceVersion.html)    [**NO FRAMES**](http://docs.google.com/SourceVersion.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [ENUM CONSTANTS](#3znysh7) | FIELD | [METHOD](#2et92p0) | DETAIL: [ENUM CONSTANTS](#1t3h5sf) | FIELD | [METHOD](#1ksv4uv) |

## **javax.lang.model**

Enum SourceVersion

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.lang.Enum](http://docs.google.com/java/lang/Enum.html)<[SourceVersion](http://docs.google.com/javax/lang/model/SourceVersion.html)>  
 **javax.lang.model.SourceVersion**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [Comparable](http://docs.google.com/java/lang/Comparable.html)<[SourceVersion](http://docs.google.com/javax/lang/model/SourceVersion.html)>

public enum **SourceVersion**extends [Enum](http://docs.google.com/java/lang/Enum.html)<[SourceVersion](http://docs.google.com/javax/lang/model/SourceVersion.html)>

Source versions of the Java™ programming language. See <http://java.sun.com/docs/books/jls/> for information on editions of *The Java™ Language Specification*, including updates and clarifications.

Note that additional source version constants will be added to model future releases of the language.

**Since:** 1.6

| **Enum Constant Summary** | |
| --- | --- |
| [**RELEASE\_0**](http://docs.google.com/javax/lang/model/SourceVersion.html#RELEASE_0)            The original version. |
| [**RELEASE\_1**](http://docs.google.com/javax/lang/model/SourceVersion.html#RELEASE_1)            The version recognized by the Java Platform 1.1. |
| [**RELEASE\_2**](http://docs.google.com/javax/lang/model/SourceVersion.html#RELEASE_2)            The version recognized by the Java 2 Platform, Standard Edition, v 1.2. |
| [**RELEASE\_3**](http://docs.google.com/javax/lang/model/SourceVersion.html#RELEASE_3)            The version recognized by the Java 2 Platform, Standard Edition, v 1.3. |
| [**RELEASE\_4**](http://docs.google.com/javax/lang/model/SourceVersion.html#RELEASE_4)            The version recognized by the Java 2 Platform, Standard Edition, v 1.4. |
| [**RELEASE\_5**](http://docs.google.com/javax/lang/model/SourceVersion.html#RELEASE_5)            The version recognized by the Java 2 Platform, Standard Edition 5.0. |
| [**RELEASE\_6**](http://docs.google.com/javax/lang/model/SourceVersion.html#RELEASE_6)            The version recognized by the Java Platform, Standard Edition 6. |

| **Method Summary** | |
| --- | --- |
| static boolean | [**isIdentifier**](http://docs.google.com/javax/lang/model/SourceVersion.html#isIdentifier(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) name)            Returns whether or not name is a syntactically valid identifier (simple name) or keyword in the latest source version. |
| static boolean | [**isKeyword**](http://docs.google.com/javax/lang/model/SourceVersion.html#isKeyword(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) s)            Returns whether or not s is a keyword or literal in the latest source version. |
| static boolean | [**isName**](http://docs.google.com/javax/lang/model/SourceVersion.html#isName(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) name)            Returns whether or not name is a syntactically valid qualified name in the latest source version. |
| static [SourceVersion](http://docs.google.com/javax/lang/model/SourceVersion.html) | [**latest**](http://docs.google.com/javax/lang/model/SourceVersion.html#latest())()            Returns the latest source version that can be modeled. |
| static [SourceVersion](http://docs.google.com/javax/lang/model/SourceVersion.html) | [**latestSupported**](http://docs.google.com/javax/lang/model/SourceVersion.html#latestSupported())()            Returns the latest source version fully supported by the current execution environment. |
| static [SourceVersion](http://docs.google.com/javax/lang/model/SourceVersion.html) | [**valueOf**](http://docs.google.com/javax/lang/model/SourceVersion.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 [SourceVersion](http://docs.google.com/javax/lang/model/SourceVersion.html)[] | [**values**](http://docs.google.com/javax/lang/model/SourceVersion.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** |
| --- |

### RELEASE\_0

public static final [SourceVersion](http://docs.google.com/javax/lang/model/SourceVersion.html) **RELEASE\_0**

The original version. The language described in the first edition of *The Java™ Language Specification*.

### RELEASE\_1

public static final [SourceVersion](http://docs.google.com/javax/lang/model/SourceVersion.html) **RELEASE\_1**

The version recognized by the Java Platform 1.1. The language is RELEASE\_0 [augmented](http://java.sun.com/docs/books/jls/first_edition/html/1.1Update.html) with nested classes.

### RELEASE\_2

public static final [SourceVersion](http://docs.google.com/javax/lang/model/SourceVersion.html) **RELEASE\_2**

The version recognized by the Java 2 Platform, Standard Edition, v 1.2. The language described in *The Java™ Language Specification, Second Edition*, which includes the strictfp modifier.

### RELEASE\_3

public static final [SourceVersion](http://docs.google.com/javax/lang/model/SourceVersion.html) **RELEASE\_3**

The version recognized by the Java 2 Platform, Standard Edition, v 1.3. No major changes from RELEASE\_2.

### RELEASE\_4

public static final [SourceVersion](http://docs.google.com/javax/lang/model/SourceVersion.html) **RELEASE\_4**

The version recognized by the Java 2 Platform, Standard Edition, v 1.4. Added a simple assertion facility.

### RELEASE\_5

public static final [SourceVersion](http://docs.google.com/javax/lang/model/SourceVersion.html) **RELEASE\_5**

The version recognized by the Java 2 Platform, Standard Edition 5.0. The language described in *The Java™ Language Specification, Third Edition*. First release to support generics, annotations, autoboxing, var-args, enhanced for loop, and hexadecimal floating-point literals.

### RELEASE\_6

public static final [SourceVersion](http://docs.google.com/javax/lang/model/SourceVersion.html) **RELEASE\_6**

The version recognized by the Java Platform, Standard Edition 6. No major changes from RELEASE\_5.

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

### values

public static [SourceVersion](http://docs.google.com/javax/lang/model/SourceVersion.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 (SourceVersion c : SourceVersion.values())  
  System.out.println(c);

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

### valueOf

public static [SourceVersion](http://docs.google.com/javax/lang/model/SourceVersion.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

### latest

public static [SourceVersion](http://docs.google.com/javax/lang/model/SourceVersion.html) **latest**()

Returns the latest source version that can be modeled.

**Returns:**the latest source version that can be modeled

### latestSupported

public static [SourceVersion](http://docs.google.com/javax/lang/model/SourceVersion.html) **latestSupported**()

Returns the latest source version fully supported by the current execution environment. RELEASE\_5 or later must be returned.

**Returns:**the latest source version that is fully supported

### isIdentifier

public static boolean **isIdentifier**([CharSequence](http://docs.google.com/java/lang/CharSequence.html) name)

Returns whether or not name is a syntactically valid identifier (simple name) or keyword in the latest source version. The method returns true if the name consists of an initial character for which [Character.isJavaIdentifierStart(int)](http://docs.google.com/java/lang/Character.html#isJavaIdentifierStart(int)) returns true, followed only by characters for which [Character.isJavaIdentifierPart(int)](http://docs.google.com/java/lang/Character.html#isJavaIdentifierPart(int)) returns true. This pattern matches regular identifiers, keywords, and the literals "true", "false", and "null". The method returns false for all other strings.

**Parameters:**name - the string to check **Returns:**true if this string is a syntactically valid identifier or keyword, false otherwise.

### isName

public static boolean **isName**([CharSequence](http://docs.google.com/java/lang/CharSequence.html) name)

Returns whether or not name is a syntactically valid qualified name in the latest source version. Unlike [isIdentifier](http://docs.google.com/javax/lang/model/SourceVersion.html#isIdentifier(java.lang.CharSequence)), this method returns false for keywords and literals.

**Parameters:**name - the string to check **Returns:**true if this string is a syntactically valid name, false otherwise.**See**  [**The Java Language Specification, Third Edition**](http://java.sun.com/docs/books/jls/)**:** 6.2 Names and Identifiers

### isKeyword

public static boolean **isKeyword**([CharSequence](http://docs.google.com/java/lang/CharSequence.html) s)

Returns whether or not s is a keyword or literal in the latest source version.

**Parameters:**s - the string to check **Returns:**true if s is a keyword or literal, false otherwise.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SourceVersion.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 | [**FRAMES**](http://docs.google.com/index.html?javax/lang/model/SourceVersion.html)    [**NO FRAMES**](http://docs.google.com/SourceVersion.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [ENUM CONSTANTS](#3znysh7) | FIELD | [METHOD](#2et92p0) | DETAIL: [ENUM CONSTANTS](#1t3h5sf) | FIELD | [METHOD](#1ksv4uv) |

[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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