| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/VariableElement.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/lang/model/element/UnknownElementException.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?javax/lang/model/element/VariableElement.html)    [**NO FRAMES**](http://docs.google.com/VariableElement.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#tyjcwt) |

## **javax.lang.model.element**

Interface VariableElement

**All Superinterfaces:** [Element](http://docs.google.com/javax/lang/model/element/Element.html)

public interface **VariableElement**extends [Element](http://docs.google.com/javax/lang/model/element/Element.html)

Represents a field, enum constant, method or constructor parameter, local variable, or exception parameter.

**Since:** 1.6

| **Method Summary** | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | [**getConstantValue**](http://docs.google.com/javax/lang/model/element/VariableElement.html#getConstantValue())()            Returns the value of this variable if this is a final field initialized to a compile-time constant. |

| **Methods inherited from interface javax.lang.model.element.**[**Element**](http://docs.google.com/javax/lang/model/element/Element.html) |
| --- |
| [accept](http://docs.google.com/javax/lang/model/element/Element.html#accept(javax.lang.model.element.ElementVisitor,%20P)), [asType](http://docs.google.com/javax/lang/model/element/Element.html#asType()), [equals](http://docs.google.com/javax/lang/model/element/Element.html#equals(java.lang.Object)), [getAnnotation](http://docs.google.com/javax/lang/model/element/Element.html#getAnnotation(java.lang.Class)), [getAnnotationMirrors](http://docs.google.com/javax/lang/model/element/Element.html#getAnnotationMirrors()), [getEnclosedElements](http://docs.google.com/javax/lang/model/element/Element.html#getEnclosedElements()), [getEnclosingElement](http://docs.google.com/javax/lang/model/element/Element.html#getEnclosingElement()), [getKind](http://docs.google.com/javax/lang/model/element/Element.html#getKind()), [getModifiers](http://docs.google.com/javax/lang/model/element/Element.html#getModifiers()), [getSimpleName](http://docs.google.com/javax/lang/model/element/Element.html#getSimpleName()), [hashCode](http://docs.google.com/javax/lang/model/element/Element.html#hashCode()) |

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

### getConstantValue

[Object](http://docs.google.com/java/lang/Object.html) **getConstantValue**()

Returns the value of this variable if this is a final field initialized to a compile-time constant. Returns null otherwise. The value will be of a primitive type or a String. If the value is of a primitive type, it is wrapped in the appropriate wrapper class (such as [Integer](http://docs.google.com/java/lang/Integer.html)).

Note that not all final fields will have constant values. In particular, enum constants are *not* considered to be compile-time constants. To have a constant value, a field's type must be either a primitive type or String.

**Returns:**the value of this variable if this is a final field initialized to a compile-time constant, or null otherwise**See Also:**[Elements.getConstantExpression(Object)](http://docs.google.com/javax/lang/model/util/Elements.html#getConstantExpression(java.lang.Object))**See**  [**The Java Language Specification, Third Edition**](http://java.sun.com/docs/books/jls/)**:** 15.28 Constant Expression, 4.12.4 final Variables

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/VariableElement.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/lang/model/element/UnknownElementException.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?javax/lang/model/element/VariableElement.html)    [**NO FRAMES**](http://docs.google.com/VariableElement.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#tyjcwt) |

[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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