| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/lang/model/element/VariableElement.html) | **Use** | [**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*** |
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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/lang/model/element//class-useVariableElement.html)    [**NO FRAMES**](http://docs.google.com/VariableElement.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**javax.lang.model.element.VariableElement**

| Packages that use [VariableElement](http://docs.google.com/javax/lang/model/element/VariableElement.html) | |
| --- | --- |
| [**javax.lang.model.element**](#3znysh7) | Interfaces used to model elements of the Java programming language. |
| [**javax.lang.model.util**](#2et92p0) | Utilities to assist in the processing of [program elements](http://docs.google.com/javax/lang/model/element/package-summary.html) and [types](http://docs.google.com/javax/lang/model/type/package-summary.html). |

| Uses of [VariableElement](http://docs.google.com/javax/lang/model/element/VariableElement.html) in [javax.lang.model.element](http://docs.google.com/javax/lang/model/element/package-summary.html) | |
| --- | --- |

| Methods in [javax.lang.model.element](http://docs.google.com/javax/lang/model/element/package-summary.html) that return types with arguments of type [VariableElement](http://docs.google.com/javax/lang/model/element/VariableElement.html) | |
| --- | --- |
| [List](http://docs.google.com/java/util/List.html)<? extends [VariableElement](http://docs.google.com/javax/lang/model/element/VariableElement.html)> | **ExecutableElement.**[**getParameters**](http://docs.google.com/javax/lang/model/element/ExecutableElement.html#getParameters())()            Returns the formal parameters of this executable. |

| Methods in [javax.lang.model.element](http://docs.google.com/javax/lang/model/element/package-summary.html) with parameters of type [VariableElement](http://docs.google.com/javax/lang/model/element/VariableElement.html) | |
| --- | --- |
| [R](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html) | **AnnotationValueVisitor.**[**visitEnumConstant**](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html#visitEnumConstant(javax.lang.model.element.VariableElement,%20P))([VariableElement](http://docs.google.com/javax/lang/model/element/VariableElement.html) c, [P](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html) p)            Visits an enum value in an annotation. |
| [R](http://docs.google.com/javax/lang/model/element/ElementVisitor.html) | **ElementVisitor.**[**visitVariable**](http://docs.google.com/javax/lang/model/element/ElementVisitor.html#visitVariable(javax.lang.model.element.VariableElement,%20P))([VariableElement](http://docs.google.com/javax/lang/model/element/VariableElement.html) e, [P](http://docs.google.com/javax/lang/model/element/ElementVisitor.html) p)            Visits a variable element. |

| Uses of [VariableElement](http://docs.google.com/javax/lang/model/element/VariableElement.html) in [javax.lang.model.util](http://docs.google.com/javax/lang/model/util/package-summary.html) | |
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| Methods in [javax.lang.model.util](http://docs.google.com/javax/lang/model/util/package-summary.html) that return types with arguments of type [VariableElement](http://docs.google.com/javax/lang/model/element/VariableElement.html) | |
| --- | --- |
| static [List](http://docs.google.com/java/util/List.html)<[VariableElement](http://docs.google.com/javax/lang/model/element/VariableElement.html)> | **ElementFilter.**[**fieldsIn**](http://docs.google.com/javax/lang/model/util/ElementFilter.html#fieldsIn(java.lang.Iterable))([Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [Element](http://docs.google.com/javax/lang/model/element/Element.html)> elements)            Returns a list of fields in elements. |
| static [Set](http://docs.google.com/java/util/Set.html)<[VariableElement](http://docs.google.com/javax/lang/model/element/VariableElement.html)> | **ElementFilter.**[**fieldsIn**](http://docs.google.com/javax/lang/model/util/ElementFilter.html#fieldsIn(java.util.Set))([Set](http://docs.google.com/java/util/Set.html)<? extends [Element](http://docs.google.com/javax/lang/model/element/Element.html)> elements)            Returns a set of fields in elements. |

| Methods in [javax.lang.model.util](http://docs.google.com/javax/lang/model/util/package-summary.html) with parameters of type [VariableElement](http://docs.google.com/javax/lang/model/element/VariableElement.html) | |
| --- | --- |
| [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) | **SimpleAnnotationValueVisitor6.**[**visitEnumConstant**](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html#visitEnumConstant(javax.lang.model.element.VariableElement,%20P))([VariableElement](http://docs.google.com/javax/lang/model/element/VariableElement.html) c, [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)            Visits an enum value in an annotation. |
| [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) | **ElementKindVisitor6.**[**visitVariable**](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html#visitVariable(javax.lang.model.element.VariableElement,%20P))([VariableElement](http://docs.google.com/javax/lang/model/element/VariableElement.html) e, [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)            Visits a variable element, dispatching to the visit method for the specific [kind](http://docs.google.com/javax/lang/model/element/ElementKind.html) of variable, ENUM\_CONSTANT, EXCEPTION\_PARAMETER, FIELD, LOCAL\_VARIABLE, or PARAMETER. |
| [R](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html) | **SimpleElementVisitor6.**[**visitVariable**](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html#visitVariable(javax.lang.model.element.VariableElement,%20P))([VariableElement](http://docs.google.com/javax/lang/model/element/VariableElement.html) e, [P](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html) p)            Visits a variable element. |
| [R](http://docs.google.com/javax/lang/model/util/ElementScanner6.html) | **ElementScanner6.**[**visitVariable**](http://docs.google.com/javax/lang/model/util/ElementScanner6.html#visitVariable(javax.lang.model.element.VariableElement,%20P))([VariableElement](http://docs.google.com/javax/lang/model/element/VariableElement.html) e, [P](http://docs.google.com/javax/lang/model/util/ElementScanner6.html) p)            Visits a variable element. |
| [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) | **ElementKindVisitor6.**[**visitVariableAsEnumConstant**](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html#visitVariableAsEnumConstant(javax.lang.model.element.VariableElement,%20P))([VariableElement](http://docs.google.com/javax/lang/model/element/VariableElement.html) e, [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)            Visits an ENUM\_CONSTANT variable element by calling defaultAction. |
| [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) | **ElementKindVisitor6.**[**visitVariableAsExceptionParameter**](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html#visitVariableAsExceptionParameter(javax.lang.model.element.VariableElement,%20P))([VariableElement](http://docs.google.com/javax/lang/model/element/VariableElement.html) e, [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)            Visits an EXCEPTION\_PARAMETER variable element by calling defaultAction. |
| [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) | **ElementKindVisitor6.**[**visitVariableAsField**](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html#visitVariableAsField(javax.lang.model.element.VariableElement,%20P))([VariableElement](http://docs.google.com/javax/lang/model/element/VariableElement.html) e, [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)            Visits a FIELD variable element by calling defaultAction. |
| [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) | **ElementKindVisitor6.**[**visitVariableAsLocalVariable**](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html#visitVariableAsLocalVariable(javax.lang.model.element.VariableElement,%20P))([VariableElement](http://docs.google.com/javax/lang/model/element/VariableElement.html) e, [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)            Visits a LOCAL\_VARIABLE variable element by calling defaultAction. |
| [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) | **ElementKindVisitor6.**[**visitVariableAsParameter**](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html#visitVariableAsParameter(javax.lang.model.element.VariableElement,%20P))([VariableElement](http://docs.google.com/javax/lang/model/element/VariableElement.html) e, [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)            Visits a PARAMETER variable element by calling defaultAction. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/lang/model/element/VariableElement.html) | **Use** | [**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*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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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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