| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | **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/package-use.html)    [**NO FRAMES**](http://docs.google.com/package-use.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Package**

**javax.lang.model.element**

| Packages that use [javax.lang.model.element](http://docs.google.com/javax/lang/model/element/package-summary.html) | |
| --- | --- |
| [**javax.annotation.processing**](#3znysh7) | Facilities for declaring annotation processors and for allowing annotation processors to communicate with an annotation processing tool environment. |
| [**javax.lang.model.element**](#2et92p0) | Interfaces used to model elements of the Java programming language. |
| [**javax.lang.model.type**](#tyjcwt) | Interfaces used to model Java programming language types. |
| [**javax.lang.model.util**](#3dy6vkm) | 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). |
| [**javax.tools**](#1t3h5sf) | Provides interfaces for tools which can be invoked from a program, for example, compilers. |

| Classes in [javax.lang.model.element](http://docs.google.com/javax/lang/model/element/package-summary.html) used by [javax.annotation.processing](http://docs.google.com/javax/annotation/processing/package-summary.html) | |
| --- | --- |
| [**AnnotationMirror**](http://docs.google.com/javax/lang/model/element/class-use/AnnotationMirror.html#javax.annotation.processing)            Represents an annotation. |
| [**AnnotationValue**](http://docs.google.com/javax/lang/model/element/class-use/AnnotationValue.html#javax.annotation.processing)            Represents a value of an annotation type element. |
| [**Element**](http://docs.google.com/javax/lang/model/element/class-use/Element.html#javax.annotation.processing)            Represents a program element such as a package, class, or method. |
| [**ExecutableElement**](http://docs.google.com/javax/lang/model/element/class-use/ExecutableElement.html#javax.annotation.processing)            Represents a method, constructor, or initializer (static or instance) of a class or interface, including annotation type elements. |
| [**TypeElement**](http://docs.google.com/javax/lang/model/element/class-use/TypeElement.html#javax.annotation.processing)            Represents a class or interface program element. |

| Classes in [javax.lang.model.element](http://docs.google.com/javax/lang/model/element/package-summary.html) used by [javax.lang.model.element](http://docs.google.com/javax/lang/model/element/package-summary.html) | |
| --- | --- |
| [**AnnotationMirror**](http://docs.google.com/javax/lang/model/element/class-use/AnnotationMirror.html#javax.lang.model.element)            Represents an annotation. |
| [**AnnotationValue**](http://docs.google.com/javax/lang/model/element/class-use/AnnotationValue.html#javax.lang.model.element)            Represents a value of an annotation type element. |
| [**AnnotationValueVisitor**](http://docs.google.com/javax/lang/model/element/class-use/AnnotationValueVisitor.html#javax.lang.model.element)            A visitor of the values of annotation type elements, using a variant of the visitor design pattern. |
| [**Element**](http://docs.google.com/javax/lang/model/element/class-use/Element.html#javax.lang.model.element)            Represents a program element such as a package, class, or method. |
| [**ElementKind**](http://docs.google.com/javax/lang/model/element/class-use/ElementKind.html#javax.lang.model.element)            The kind of an element. |
| [**ElementVisitor**](http://docs.google.com/javax/lang/model/element/class-use/ElementVisitor.html#javax.lang.model.element)            A visitor of program elements, in the style of the visitor design pattern. |
| [**ExecutableElement**](http://docs.google.com/javax/lang/model/element/class-use/ExecutableElement.html#javax.lang.model.element)            Represents a method, constructor, or initializer (static or instance) of a class or interface, including annotation type elements. |
| [**Modifier**](http://docs.google.com/javax/lang/model/element/class-use/Modifier.html#javax.lang.model.element)            Represents a modifier on a program element such as a class, method, or field. |
| [**Name**](http://docs.google.com/javax/lang/model/element/class-use/Name.html#javax.lang.model.element)            An immutable sequence of characters. |
| [**NestingKind**](http://docs.google.com/javax/lang/model/element/class-use/NestingKind.html#javax.lang.model.element)            The *nesting kind* of a type element. |
| [**PackageElement**](http://docs.google.com/javax/lang/model/element/class-use/PackageElement.html#javax.lang.model.element)            Represents a package program element. |
| [**TypeElement**](http://docs.google.com/javax/lang/model/element/class-use/TypeElement.html#javax.lang.model.element)            Represents a class or interface program element. |
| [**TypeParameterElement**](http://docs.google.com/javax/lang/model/element/class-use/TypeParameterElement.html#javax.lang.model.element)            Represents a formal type parameter of a generic class, interface, method, or constructor element. |
| [**VariableElement**](http://docs.google.com/javax/lang/model/element/class-use/VariableElement.html#javax.lang.model.element)            Represents a field, enum constant, method or constructor parameter, local variable, or exception parameter. |

| Classes in [javax.lang.model.element](http://docs.google.com/javax/lang/model/element/package-summary.html) used by [javax.lang.model.type](http://docs.google.com/javax/lang/model/type/package-summary.html) | |
| --- | --- |
| [**Element**](http://docs.google.com/javax/lang/model/element/class-use/Element.html#javax.lang.model.type)            Represents a program element such as a package, class, or method. |

| Classes in [javax.lang.model.element](http://docs.google.com/javax/lang/model/element/package-summary.html) used by [javax.lang.model.util](http://docs.google.com/javax/lang/model/util/package-summary.html) | |
| --- | --- |
| [**AnnotationMirror**](http://docs.google.com/javax/lang/model/element/class-use/AnnotationMirror.html#javax.lang.model.util)            Represents an annotation. |
| [**AnnotationValue**](http://docs.google.com/javax/lang/model/element/class-use/AnnotationValue.html#javax.lang.model.util)            Represents a value of an annotation type element. |
| [**AnnotationValueVisitor**](http://docs.google.com/javax/lang/model/element/class-use/AnnotationValueVisitor.html#javax.lang.model.util)            A visitor of the values of annotation type elements, using a variant of the visitor design pattern. |
| [**Element**](http://docs.google.com/javax/lang/model/element/class-use/Element.html#javax.lang.model.util)            Represents a program element such as a package, class, or method. |
| [**ElementVisitor**](http://docs.google.com/javax/lang/model/element/class-use/ElementVisitor.html#javax.lang.model.util)            A visitor of program elements, in the style of the visitor design pattern. |
| [**ExecutableElement**](http://docs.google.com/javax/lang/model/element/class-use/ExecutableElement.html#javax.lang.model.util)            Represents a method, constructor, or initializer (static or instance) of a class or interface, including annotation type elements. |
| [**Name**](http://docs.google.com/javax/lang/model/element/class-use/Name.html#javax.lang.model.util)            An immutable sequence of characters. |
| [**PackageElement**](http://docs.google.com/javax/lang/model/element/class-use/PackageElement.html#javax.lang.model.util)            Represents a package program element. |
| [**TypeElement**](http://docs.google.com/javax/lang/model/element/class-use/TypeElement.html#javax.lang.model.util)            Represents a class or interface program element. |
| [**TypeParameterElement**](http://docs.google.com/javax/lang/model/element/class-use/TypeParameterElement.html#javax.lang.model.util)            Represents a formal type parameter of a generic class, interface, method, or constructor element. |
| [**VariableElement**](http://docs.google.com/javax/lang/model/element/class-use/VariableElement.html#javax.lang.model.util)            Represents a field, enum constant, method or constructor parameter, local variable, or exception parameter. |

| Classes in [javax.lang.model.element](http://docs.google.com/javax/lang/model/element/package-summary.html) used by [javax.tools](http://docs.google.com/javax/tools/package-summary.html) | |
| --- | --- |
| [**Modifier**](http://docs.google.com/javax/lang/model/element/class-use/Modifier.html#javax.tools)            Represents a modifier on a program element such as a class, method, or field. |
| [**NestingKind**](http://docs.google.com/javax/lang/model/element/class-use/NestingKind.html#javax.tools)            The *nesting kind* of a type element. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | **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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