| | [**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/Element.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*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/lang/model/element//class-useElement.html)    [**NO FRAMES**](http://docs.google.com/Element.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**javax.lang.model.element.Element**

| Packages that use [Element](http://docs.google.com/javax/lang/model/element/Element.html) | |
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| [**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). |

| Uses of [Element](http://docs.google.com/javax/lang/model/element/Element.html) in [javax.annotation.processing](http://docs.google.com/javax/annotation/processing/package-summary.html) | |
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| Methods in [javax.annotation.processing](http://docs.google.com/javax/annotation/processing/package-summary.html) that return types with arguments of type [Element](http://docs.google.com/javax/lang/model/element/Element.html) | |
| --- | --- |
| [Set](http://docs.google.com/java/util/Set.html)<? extends [Element](http://docs.google.com/javax/lang/model/element/Element.html)> | **RoundEnvironment.**[**getElementsAnnotatedWith**](http://docs.google.com/javax/annotation/processing/RoundEnvironment.html#getElementsAnnotatedWith(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<? extends [Annotation](http://docs.google.com/java/lang/annotation/Annotation.html)> a)            Returns the elements annotated with the given annotation type. |
| [Set](http://docs.google.com/java/util/Set.html)<? extends [Element](http://docs.google.com/javax/lang/model/element/Element.html)> | **RoundEnvironment.**[**getElementsAnnotatedWith**](http://docs.google.com/javax/annotation/processing/RoundEnvironment.html#getElementsAnnotatedWith(javax.lang.model.element.TypeElement))([TypeElement](http://docs.google.com/javax/lang/model/element/TypeElement.html) a)            Returns the elements annotated with the given annotation type. |
| [Set](http://docs.google.com/java/util/Set.html)<? extends [Element](http://docs.google.com/javax/lang/model/element/Element.html)> | **RoundEnvironment.**[**getRootElements**](http://docs.google.com/javax/annotation/processing/RoundEnvironment.html#getRootElements())()            Returns the root elements for annotation processing generated by the prior round. |

| Methods in [javax.annotation.processing](http://docs.google.com/javax/annotation/processing/package-summary.html) with parameters of type [Element](http://docs.google.com/javax/lang/model/element/Element.html) | |
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| [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html) | **Filer.**[**createClassFile**](http://docs.google.com/javax/annotation/processing/Filer.html#createClassFile(java.lang.CharSequence,%20javax.lang.model.element.Element...))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) name, [Element](http://docs.google.com/javax/lang/model/element/Element.html)... originatingElements)            Creates a new class file, and returns an object to allow writing to it. |
| [FileObject](http://docs.google.com/javax/tools/FileObject.html) | **Filer.**[**createResource**](http://docs.google.com/javax/annotation/processing/Filer.html#createResource(javax.tools.JavaFileManager.Location,%20java.lang.CharSequence,%20java.lang.CharSequence,%20javax.lang.model.element.Element...))([JavaFileManager.Location](http://docs.google.com/javax/tools/JavaFileManager.Location.html) location, [CharSequence](http://docs.google.com/java/lang/CharSequence.html) pkg, [CharSequence](http://docs.google.com/java/lang/CharSequence.html) relativeName, [Element](http://docs.google.com/javax/lang/model/element/Element.html)... originatingElements)            Creates a new auxiliary resource file for writing and returns a file object for it. |
| [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html) | **Filer.**[**createSourceFile**](http://docs.google.com/javax/annotation/processing/Filer.html#createSourceFile(java.lang.CharSequence,%20javax.lang.model.element.Element...))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) name, [Element](http://docs.google.com/javax/lang/model/element/Element.html)... originatingElements)            Creates a new source file and returns an object to allow writing to it. |
| [Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [Completion](http://docs.google.com/javax/annotation/processing/Completion.html)> | **AbstractProcessor.**[**getCompletions**](http://docs.google.com/javax/annotation/processing/AbstractProcessor.html#getCompletions(javax.lang.model.element.Element,%20javax.lang.model.element.AnnotationMirror,%20javax.lang.model.element.ExecutableElement,%20java.lang.String))([Element](http://docs.google.com/javax/lang/model/element/Element.html) element, [AnnotationMirror](http://docs.google.com/javax/lang/model/element/AnnotationMirror.html) annotation, [ExecutableElement](http://docs.google.com/javax/lang/model/element/ExecutableElement.html) member, [String](http://docs.google.com/java/lang/String.html) userText)            Returns an empty iterable of completions. |
| [Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [Completion](http://docs.google.com/javax/annotation/processing/Completion.html)> | **Processor.**[**getCompletions**](http://docs.google.com/javax/annotation/processing/Processor.html#getCompletions(javax.lang.model.element.Element,%20javax.lang.model.element.AnnotationMirror,%20javax.lang.model.element.ExecutableElement,%20java.lang.String))([Element](http://docs.google.com/javax/lang/model/element/Element.html) element, [AnnotationMirror](http://docs.google.com/javax/lang/model/element/AnnotationMirror.html) annotation, [ExecutableElement](http://docs.google.com/javax/lang/model/element/ExecutableElement.html) member, [String](http://docs.google.com/java/lang/String.html) userText)            Returns to the tool infrastructure an iterable of suggested completions to an annotation. |
| void | **Messager.**[**printMessage**](http://docs.google.com/javax/annotation/processing/Messager.html#printMessage(javax.tools.Diagnostic.Kind,%20java.lang.CharSequence,%20javax.lang.model.element.Element))([Diagnostic.Kind](http://docs.google.com/javax/tools/Diagnostic.Kind.html) kind, [CharSequence](http://docs.google.com/java/lang/CharSequence.html) msg, [Element](http://docs.google.com/javax/lang/model/element/Element.html) e)            Prints a message of the specified kind at the location of the element. |
| void | **Messager.**[**printMessage**](http://docs.google.com/javax/annotation/processing/Messager.html#printMessage(javax.tools.Diagnostic.Kind,%20java.lang.CharSequence,%20javax.lang.model.element.Element,%20javax.lang.model.element.AnnotationMirror))([Diagnostic.Kind](http://docs.google.com/javax/tools/Diagnostic.Kind.html) kind, [CharSequence](http://docs.google.com/java/lang/CharSequence.html) msg, [Element](http://docs.google.com/javax/lang/model/element/Element.html) e, [AnnotationMirror](http://docs.google.com/javax/lang/model/element/AnnotationMirror.html) a)            Prints a message of the specified kind at the location of the annotation mirror of the annotated element. |
| void | **Messager.**[**printMessage**](http://docs.google.com/javax/annotation/processing/Messager.html#printMessage(javax.tools.Diagnostic.Kind,%20java.lang.CharSequence,%20javax.lang.model.element.Element,%20javax.lang.model.element.AnnotationMirror,%20javax.lang.model.element.AnnotationValue))([Diagnostic.Kind](http://docs.google.com/javax/tools/Diagnostic.Kind.html) kind, [CharSequence](http://docs.google.com/java/lang/CharSequence.html) msg, [Element](http://docs.google.com/javax/lang/model/element/Element.html) e, [AnnotationMirror](http://docs.google.com/javax/lang/model/element/AnnotationMirror.html) a, [AnnotationValue](http://docs.google.com/javax/lang/model/element/AnnotationValue.html) v)            Prints a message of the specified kind at the location of the annotation value inside the annotation mirror of the annotated element. |

| Uses of [Element](http://docs.google.com/javax/lang/model/element/Element.html) in [javax.lang.model.element](http://docs.google.com/javax/lang/model/element/package-summary.html) | |
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| Subinterfaces of [Element](http://docs.google.com/javax/lang/model/element/Element.html) in [javax.lang.model.element](http://docs.google.com/javax/lang/model/element/package-summary.html) | |
| --- | --- |
| interface | [**ExecutableElement**](http://docs.google.com/javax/lang/model/element/ExecutableElement.html)            Represents a method, constructor, or initializer (static or instance) of a class or interface, including annotation type elements. |
| interface | [**PackageElement**](http://docs.google.com/javax/lang/model/element/PackageElement.html)            Represents a package program element. |
| interface | [**TypeElement**](http://docs.google.com/javax/lang/model/element/TypeElement.html)            Represents a class or interface program element. |
| interface | [**TypeParameterElement**](http://docs.google.com/javax/lang/model/element/TypeParameterElement.html)            Represents a formal type parameter of a generic class, interface, method, or constructor element. |
| interface | [**VariableElement**](http://docs.google.com/javax/lang/model/element/VariableElement.html)            Represents a field, enum constant, method or constructor parameter, local variable, or exception parameter. |

| Methods in [javax.lang.model.element](http://docs.google.com/javax/lang/model/element/package-summary.html) that return [Element](http://docs.google.com/javax/lang/model/element/Element.html) | |
| --- | --- |
| [Element](http://docs.google.com/javax/lang/model/element/Element.html) | **Element.**[**getEnclosingElement**](http://docs.google.com/javax/lang/model/element/Element.html#getEnclosingElement())()            Returns the innermost element within which this element is, loosely speaking, enclosed. |
| [Element](http://docs.google.com/javax/lang/model/element/Element.html) | **TypeParameterElement.**[**getGenericElement**](http://docs.google.com/javax/lang/model/element/TypeParameterElement.html#getGenericElement())()            Returns the generic class, interface, method, or constructor that is parameterized by this type parameter. |
| [Element](http://docs.google.com/javax/lang/model/element/Element.html) | **UnknownElementException.**[**getUnknownElement**](http://docs.google.com/javax/lang/model/element/UnknownElementException.html#getUnknownElement())()            Returns the unknown element. |

| Methods in [javax.lang.model.element](http://docs.google.com/javax/lang/model/element/package-summary.html) that return types with arguments of type [Element](http://docs.google.com/javax/lang/model/element/Element.html) | |
| --- | --- |
| [List](http://docs.google.com/java/util/List.html)<? extends [Element](http://docs.google.com/javax/lang/model/element/Element.html)> | **Element.**[**getEnclosedElements**](http://docs.google.com/javax/lang/model/element/Element.html#getEnclosedElements())()            Returns the elements that are, loosely speaking, directly enclosed by this element. |

| Methods in [javax.lang.model.element](http://docs.google.com/javax/lang/model/element/package-summary.html) with parameters of type [Element](http://docs.google.com/javax/lang/model/element/Element.html) | |
| --- | --- |
| [R](http://docs.google.com/javax/lang/model/element/ElementVisitor.html) | **ElementVisitor.**[**visit**](http://docs.google.com/javax/lang/model/element/ElementVisitor.html#visit(javax.lang.model.element.Element))([Element](http://docs.google.com/javax/lang/model/element/Element.html) e)            A convenience method equivalent to v.visit(e, null). |
| [R](http://docs.google.com/javax/lang/model/element/ElementVisitor.html) | **ElementVisitor.**[**visit**](http://docs.google.com/javax/lang/model/element/ElementVisitor.html#visit(javax.lang.model.element.Element,%20P))([Element](http://docs.google.com/javax/lang/model/element/Element.html) e, [P](http://docs.google.com/javax/lang/model/element/ElementVisitor.html) p)            Visits an element. |
| [R](http://docs.google.com/javax/lang/model/element/ElementVisitor.html) | **ElementVisitor.**[**visitUnknown**](http://docs.google.com/javax/lang/model/element/ElementVisitor.html#visitUnknown(javax.lang.model.element.Element,%20P))([Element](http://docs.google.com/javax/lang/model/element/Element.html) e, [P](http://docs.google.com/javax/lang/model/element/ElementVisitor.html) p)            Visits an unknown kind of element. |

| Constructors in [javax.lang.model.element](http://docs.google.com/javax/lang/model/element/package-summary.html) with parameters of type [Element](http://docs.google.com/javax/lang/model/element/Element.html) | |
| --- | --- |
| [**UnknownElementException**](http://docs.google.com/javax/lang/model/element/UnknownElementException.html#UnknownElementException(javax.lang.model.element.Element,%20java.lang.Object))([Element](http://docs.google.com/javax/lang/model/element/Element.html) e, [Object](http://docs.google.com/java/lang/Object.html) p)            Creates a new UnknownElementException. |

| Uses of [Element](http://docs.google.com/javax/lang/model/element/Element.html) in [javax.lang.model.type](http://docs.google.com/javax/lang/model/type/package-summary.html) | |
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| Methods in [javax.lang.model.type](http://docs.google.com/javax/lang/model/type/package-summary.html) that return [Element](http://docs.google.com/javax/lang/model/element/Element.html) | |
| --- | --- |
| [Element](http://docs.google.com/javax/lang/model/element/Element.html) | **TypeVariable.**[**asElement**](http://docs.google.com/javax/lang/model/type/TypeVariable.html#asElement())()            Returns the element corresponding to this type variable. |
| [Element](http://docs.google.com/javax/lang/model/element/Element.html) | **DeclaredType.**[**asElement**](http://docs.google.com/javax/lang/model/type/DeclaredType.html#asElement())()            Returns the element corresponding to this type. |

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

| Methods in [javax.lang.model.util](http://docs.google.com/javax/lang/model/util/package-summary.html) that return [Element](http://docs.google.com/javax/lang/model/element/Element.html) | |
| --- | --- |
| [Element](http://docs.google.com/javax/lang/model/element/Element.html) | **Types.**[**asElement**](http://docs.google.com/javax/lang/model/util/Types.html#asElement(javax.lang.model.type.TypeMirror))([TypeMirror](http://docs.google.com/javax/lang/model/type/TypeMirror.html) t)            Returns the element corresponding to a type. |

| Methods in [javax.lang.model.util](http://docs.google.com/javax/lang/model/util/package-summary.html) that return types with arguments of type [Element](http://docs.google.com/javax/lang/model/element/Element.html) | |
| --- | --- |
| [List](http://docs.google.com/java/util/List.html)<? extends [Element](http://docs.google.com/javax/lang/model/element/Element.html)> | **Elements.**[**getAllMembers**](http://docs.google.com/javax/lang/model/util/Elements.html#getAllMembers(javax.lang.model.element.TypeElement))([TypeElement](http://docs.google.com/javax/lang/model/element/TypeElement.html) type)            Returns all members of a type element, whether inherited or declared directly. |

| Methods in [javax.lang.model.util](http://docs.google.com/javax/lang/model/util/package-summary.html) with parameters of type [Element](http://docs.google.com/javax/lang/model/element/Element.html) | |
| --- | --- |
| [TypeMirror](http://docs.google.com/javax/lang/model/type/TypeMirror.html) | **Types.**[**asMemberOf**](http://docs.google.com/javax/lang/model/util/Types.html#asMemberOf(javax.lang.model.type.DeclaredType,%20javax.lang.model.element.Element))([DeclaredType](http://docs.google.com/javax/lang/model/type/DeclaredType.html) containing, [Element](http://docs.google.com/javax/lang/model/element/Element.html) element)            Returns the type of an element when that element is viewed as a member of, or otherwise directly contained by, a given type. |
| protected  [R](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html) | **SimpleElementVisitor6.**[**defaultAction**](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html#defaultAction(javax.lang.model.element.Element,%20P))([Element](http://docs.google.com/javax/lang/model/element/Element.html) e, [P](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html) p)            The default action for visit methods. |
| [List](http://docs.google.com/java/util/List.html)<? extends [AnnotationMirror](http://docs.google.com/javax/lang/model/element/AnnotationMirror.html)> | **Elements.**[**getAllAnnotationMirrors**](http://docs.google.com/javax/lang/model/util/Elements.html#getAllAnnotationMirrors(javax.lang.model.element.Element))([Element](http://docs.google.com/javax/lang/model/element/Element.html) e)            Returns all annotations of an element, whether inherited or directly present. |
| [String](http://docs.google.com/java/lang/String.html) | **Elements.**[**getDocComment**](http://docs.google.com/javax/lang/model/util/Elements.html#getDocComment(javax.lang.model.element.Element))([Element](http://docs.google.com/javax/lang/model/element/Element.html) e)            Returns the text of the documentation ("Javadoc") comment of an element. |
| [PackageElement](http://docs.google.com/javax/lang/model/element/PackageElement.html) | **Elements.**[**getPackageOf**](http://docs.google.com/javax/lang/model/util/Elements.html#getPackageOf(javax.lang.model.element.Element))([Element](http://docs.google.com/javax/lang/model/element/Element.html) type)            Returns the package of an element. |
| boolean | **Elements.**[**hides**](http://docs.google.com/javax/lang/model/util/Elements.html#hides(javax.lang.model.element.Element,%20javax.lang.model.element.Element))([Element](http://docs.google.com/javax/lang/model/element/Element.html) hider, [Element](http://docs.google.com/javax/lang/model/element/Element.html) hidden)            Tests whether one type, method, or field hides another. |
| boolean | **Elements.**[**isDeprecated**](http://docs.google.com/javax/lang/model/util/Elements.html#isDeprecated(javax.lang.model.element.Element))([Element](http://docs.google.com/javax/lang/model/element/Element.html) e)            Returns true if the element is deprecated, false otherwise. |
| void | **Elements.**[**printElements**](http://docs.google.com/javax/lang/model/util/Elements.html#printElements(java.io.Writer,%20javax.lang.model.element.Element...))([Writer](http://docs.google.com/java/io/Writer.html) w, [Element](http://docs.google.com/javax/lang/model/element/Element.html)... elements)            Prints a representation of the elements to the given writer in the specified order. |
| [R](http://docs.google.com/javax/lang/model/util/ElementScanner6.html) | **ElementScanner6.**[**scan**](http://docs.google.com/javax/lang/model/util/ElementScanner6.html#scan(javax.lang.model.element.Element))([Element](http://docs.google.com/javax/lang/model/element/Element.html) e)            Convenience method equivalent to v.scan(e, null). |
| [R](http://docs.google.com/javax/lang/model/util/ElementScanner6.html) | **ElementScanner6.**[**scan**](http://docs.google.com/javax/lang/model/util/ElementScanner6.html#scan(javax.lang.model.element.Element,%20P))([Element](http://docs.google.com/javax/lang/model/element/Element.html) e, [P](http://docs.google.com/javax/lang/model/util/ElementScanner6.html) p)            Processes an element by calling e.accept(this, p); this method may be overridden by subclasses. |
| [R](http://docs.google.com/javax/lang/model/util/AbstractElementVisitor6.html) | **AbstractElementVisitor6.**[**visit**](http://docs.google.com/javax/lang/model/util/AbstractElementVisitor6.html#visit(javax.lang.model.element.Element))([Element](http://docs.google.com/javax/lang/model/element/Element.html) e)            Visits any program element as if by passing itself to that element's [accept](http://docs.google.com/javax/lang/model/element/Element.html#accept(javax.lang.model.element.ElementVisitor,%20P)) method and passing null for the additional parameter. |
| [R](http://docs.google.com/javax/lang/model/util/AbstractElementVisitor6.html) | **AbstractElementVisitor6.**[**visit**](http://docs.google.com/javax/lang/model/util/AbstractElementVisitor6.html#visit(javax.lang.model.element.Element,%20P))([Element](http://docs.google.com/javax/lang/model/element/Element.html) e, [P](http://docs.google.com/javax/lang/model/util/AbstractElementVisitor6.html) p)            Visits any program element as if by passing itself to that element's [accept](http://docs.google.com/javax/lang/model/element/Element.html#accept(javax.lang.model.element.ElementVisitor,%20P)) method. |
| [R](http://docs.google.com/javax/lang/model/util/AbstractElementVisitor6.html) | **AbstractElementVisitor6.**[**visitUnknown**](http://docs.google.com/javax/lang/model/util/AbstractElementVisitor6.html#visitUnknown(javax.lang.model.element.Element,%20P))([Element](http://docs.google.com/javax/lang/model/element/Element.html) e, [P](http://docs.google.com/javax/lang/model/util/AbstractElementVisitor6.html) p)            Visits an unknown kind of element. |

| Method parameters in [javax.lang.model.util](http://docs.google.com/javax/lang/model/util/package-summary.html) with type arguments of type [Element](http://docs.google.com/javax/lang/model/element/Element.html) | |
| --- | --- |
| static [List](http://docs.google.com/java/util/List.html)<[ExecutableElement](http://docs.google.com/javax/lang/model/element/ExecutableElement.html)> | **ElementFilter.**[**constructorsIn**](http://docs.google.com/javax/lang/model/util/ElementFilter.html#constructorsIn(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 constructors in elements. |
| static [Set](http://docs.google.com/java/util/Set.html)<[ExecutableElement](http://docs.google.com/javax/lang/model/element/ExecutableElement.html)> | **ElementFilter.**[**constructorsIn**](http://docs.google.com/javax/lang/model/util/ElementFilter.html#constructorsIn(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 constructors in elements. |
| 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. |
| static [List](http://docs.google.com/java/util/List.html)<[ExecutableElement](http://docs.google.com/javax/lang/model/element/ExecutableElement.html)> | **ElementFilter.**[**methodsIn**](http://docs.google.com/javax/lang/model/util/ElementFilter.html#methodsIn(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 methods in elements. |
| static [Set](http://docs.google.com/java/util/Set.html)<[ExecutableElement](http://docs.google.com/javax/lang/model/element/ExecutableElement.html)> | **ElementFilter.**[**methodsIn**](http://docs.google.com/javax/lang/model/util/ElementFilter.html#methodsIn(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 methods in elements. |
| static [List](http://docs.google.com/java/util/List.html)<[PackageElement](http://docs.google.com/javax/lang/model/element/PackageElement.html)> | **ElementFilter.**[**packagesIn**](http://docs.google.com/javax/lang/model/util/ElementFilter.html#packagesIn(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 packages in elements. |
| static [Set](http://docs.google.com/java/util/Set.html)<[PackageElement](http://docs.google.com/javax/lang/model/element/PackageElement.html)> | **ElementFilter.**[**packagesIn**](http://docs.google.com/javax/lang/model/util/ElementFilter.html#packagesIn(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 packages in elements. |
| [R](http://docs.google.com/javax/lang/model/util/ElementScanner6.html) | **ElementScanner6.**[**scan**](http://docs.google.com/javax/lang/model/util/ElementScanner6.html#scan(java.lang.Iterable,%20P))([Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [Element](http://docs.google.com/javax/lang/model/element/Element.html)> iterable, [P](http://docs.google.com/javax/lang/model/util/ElementScanner6.html) p)            Iterates over the given elements and calls [scan(Element, P)](http://docs.google.com/javax/lang/model/util/ElementScanner6.html#scan(javax.lang.model.element.Element,%20P)) on each one. |
| static [List](http://docs.google.com/java/util/List.html)<[TypeElement](http://docs.google.com/javax/lang/model/element/TypeElement.html)> | **ElementFilter.**[**typesIn**](http://docs.google.com/javax/lang/model/util/ElementFilter.html#typesIn(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 types in elements. |
| static [Set](http://docs.google.com/java/util/Set.html)<[TypeElement](http://docs.google.com/javax/lang/model/element/TypeElement.html)> | **ElementFilter.**[**typesIn**](http://docs.google.com/javax/lang/model/util/ElementFilter.html#typesIn(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 types in elements. |

| | [**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/Element.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*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/lang/model/element//class-useElement.html)    [**NO FRAMES**](http://docs.google.com/Element.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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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