| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ElementKindVisitor6.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/util/ElementFilter.html)   [**NEXT CLASS**](http://docs.google.com/javax/lang/model/util/Elements.html) | [**FRAMES**](http://docs.google.com/index.html?javax/lang/model/util/ElementKindVisitor6.html)    [**NO FRAMES**](http://docs.google.com/ElementKindVisitor6.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#17dp8vu) | [METHOD](#35nkun2) |

## **javax.lang.model.util**

Class ElementKindVisitor6<R,P>

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.lang.model.util.AbstractElementVisitor6](http://docs.google.com/javax/lang/model/util/AbstractElementVisitor6.html)<R,P>  
 [javax.lang.model.util.SimpleElementVisitor6](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html)<R,P>  
 **javax.lang.model.util.ElementKindVisitor6<R,P>**

**Type Parameters:**R - the return type of this visitor's methods. Use [Void](http://docs.google.com/java/lang/Void.html) for visitors that do not need to return results.P - the type of the additional parameter to this visitor's methods. Use Void for visitors that do not need an additional parameter. **All Implemented Interfaces:** [ElementVisitor](http://docs.google.com/javax/lang/model/element/ElementVisitor.html)<R,P>

[@SupportedSourceVersion](http://docs.google.com/javax/annotation/processing/SupportedSourceVersion.html)([value](http://docs.google.com/javax/annotation/processing/SupportedSourceVersion.html#value())=[RELEASE\_6](http://docs.google.com/javax/lang/model/SourceVersion.html#RELEASE_6))  
public class **ElementKindVisitor6<R,P>**extends [SimpleElementVisitor6](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html)<R,P>

A visitor of program elements based on their [kind](http://docs.google.com/javax/lang/model/element/ElementKind.html) with default behavior appropriate for the [RELEASE\_6](http://docs.google.com/javax/lang/model/SourceVersion.html#RELEASE_6) source version. For [elements](http://docs.google.com/javax/lang/model/element/Element.html) *XYZ* that may have more than one kind, the visit*XYZ* methods in this class delegate to the visit*XYZKind* method corresponding to the first argument's kind. The visit*XYZKind* methods call [defaultAction](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html#defaultAction(javax.lang.model.element.Element,%20P)), passing their arguments to defaultAction's corresponding parameters.

Methods in this class may be overridden subject to their general contract. Note that annotating methods in concrete subclasses with [@Override](http://docs.google.com/java/lang/Override.html) will help ensure that methods are overridden as intended.

**WARNING:** The ElementVisitor interface implemented by this class may have methods added to it or the ElementKind enum used in this case may have constants added to it in the future to accommodate new, currently unknown, language structures added to future versions of the Java™ programming language. Therefore, methods whose names begin with "visit" may be added to this class in the future; to avoid incompatibilities, classes which extend this class should not declare any instance methods with names beginning with "visit".

When such a new visit method is added, the default implementation in this class will be to call the [visitUnknown](http://docs.google.com/javax/lang/model/util/AbstractElementVisitor6.html#visitUnknown(javax.lang.model.element.Element,%20P)) method. A new abstract element kind visitor class will also be introduced to correspond to the new language level; this visitor will have different default behavior for the visit method in question. When the new visitor is introduced, all or portions of this visitor may be deprecated.

**Since:** 1.6

| **Field Summary** | |
| --- | --- |

| **Fields inherited from class javax.lang.model.util.**[**SimpleElementVisitor6**](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html) |
| --- |
| [DEFAULT\_VALUE](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html#DEFAULT_VALUE) |

| **Constructor Summary** | |
| --- | --- |
| protected | [**ElementKindVisitor6**](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html#ElementKindVisitor6())()            Constructor for concrete subclasses; uses null for the default value. |
| protected | [**ElementKindVisitor6**](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html#ElementKindVisitor6(R))([R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) defaultValue)            Constructor for concrete subclasses; uses the argument for the default value. |

| **Method Summary** | |
| --- | --- |
| [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) | [**visitExecutable**](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html#visitExecutable(javax.lang.model.element.ExecutableElement,%20P))([ExecutableElement](http://docs.google.com/javax/lang/model/element/ExecutableElement.html) e, [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)            Visits an executable element, dispatching to the visit method for the specific [kind](http://docs.google.com/javax/lang/model/element/ElementKind.html) of executable, CONSTRUCTOR, INSTANCE\_INIT, METHOD, or STATIC\_INIT. |
| [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) | [**visitExecutableAsConstructor**](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html#visitExecutableAsConstructor(javax.lang.model.element.ExecutableElement,%20P))([ExecutableElement](http://docs.google.com/javax/lang/model/element/ExecutableElement.html) e, [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)            Visits a CONSTRUCTOR executable element by calling defaultAction. |
| [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) | [**visitExecutableAsInstanceInit**](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html#visitExecutableAsInstanceInit(javax.lang.model.element.ExecutableElement,%20P))([ExecutableElement](http://docs.google.com/javax/lang/model/element/ExecutableElement.html) e, [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)            Visits an INSTANCE\_INIT executable element by calling defaultAction. |
| [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) | [**visitExecutableAsMethod**](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html#visitExecutableAsMethod(javax.lang.model.element.ExecutableElement,%20P))([ExecutableElement](http://docs.google.com/javax/lang/model/element/ExecutableElement.html) e, [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)            Visits a METHOD executable element by calling defaultAction. |
| [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) | [**visitExecutableAsStaticInit**](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html#visitExecutableAsStaticInit(javax.lang.model.element.ExecutableElement,%20P))([ExecutableElement](http://docs.google.com/javax/lang/model/element/ExecutableElement.html) e, [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)            Visits a STATIC\_INIT executable element by calling defaultAction. |
| [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) | [**visitPackage**](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html#visitPackage(javax.lang.model.element.PackageElement,%20P))([PackageElement](http://docs.google.com/javax/lang/model/element/PackageElement.html) e, [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)            Visits a package element. |
| [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) | [**visitType**](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html#visitType(javax.lang.model.element.TypeElement,%20P))([TypeElement](http://docs.google.com/javax/lang/model/element/TypeElement.html) e, [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)            Visits a type element, dispatching to the visit method for the specific [kind](http://docs.google.com/javax/lang/model/element/ElementKind.html) of type, ANNOTATION\_TYPE, CLASS, ENUM, or INTERFACE. |
| [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) | [**visitTypeAsAnnotationType**](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html#visitTypeAsAnnotationType(javax.lang.model.element.TypeElement,%20P))([TypeElement](http://docs.google.com/javax/lang/model/element/TypeElement.html) e, [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)            Visits an ANNOTATION\_TYPE type element by calling defaultAction. |
| [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) | [**visitTypeAsClass**](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html#visitTypeAsClass(javax.lang.model.element.TypeElement,%20P))([TypeElement](http://docs.google.com/javax/lang/model/element/TypeElement.html) e, [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)            Visits a CLASS type element by calling defaultAction. |
| [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) | [**visitTypeAsEnum**](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html#visitTypeAsEnum(javax.lang.model.element.TypeElement,%20P))([TypeElement](http://docs.google.com/javax/lang/model/element/TypeElement.html) e, [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)            Visits an ENUM type element by calling defaultAction. |
| [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) | [**visitTypeAsInterface**](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html#visitTypeAsInterface(javax.lang.model.element.TypeElement,%20P))([TypeElement](http://docs.google.com/javax/lang/model/element/TypeElement.html) e, [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)            Visits an INTERFACE type element by calling defaultAction. |
| [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) | [**visitTypeParameter**](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html#visitTypeParameter(javax.lang.model.element.TypeParameterElement,%20P))([TypeParameterElement](http://docs.google.com/javax/lang/model/element/TypeParameterElement.html) e, [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)            Visits a type parameter element. |
| [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) | [**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/ElementKindVisitor6.html) | [**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) | [**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) | [**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) | [**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) | [**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. |

| **Methods inherited from class javax.lang.model.util.**[**SimpleElementVisitor6**](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html) |
| --- |
| [defaultAction](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html#defaultAction(javax.lang.model.element.Element,%20P)) |

| **Methods inherited from class javax.lang.model.util.**[**AbstractElementVisitor6**](http://docs.google.com/javax/lang/model/util/AbstractElementVisitor6.html) |
| --- |
| [visit](http://docs.google.com/javax/lang/model/util/AbstractElementVisitor6.html#visit(javax.lang.model.element.Element)), [visit](http://docs.google.com/javax/lang/model/util/AbstractElementVisitor6.html#visit(javax.lang.model.element.Element,%20P)), [visitUnknown](http://docs.google.com/javax/lang/model/util/AbstractElementVisitor6.html#visitUnknown(javax.lang.model.element.Element,%20P)) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [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)) |

| **Constructor Detail** |
| --- |

### ElementKindVisitor6

protected **ElementKindVisitor6**()

Constructor for concrete subclasses; uses null for the default value.

### ElementKindVisitor6

protected **ElementKindVisitor6**([R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) defaultValue)

Constructor for concrete subclasses; uses the argument for the default value.

**Parameters:**defaultValue - the value to assign to [SimpleElementVisitor6.DEFAULT\_VALUE](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html#DEFAULT_VALUE)

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

### visitPackage

public [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) **visitPackage**([PackageElement](http://docs.google.com/javax/lang/model/element/PackageElement.html) e,  
 [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)

Visits a package element. This implementation calls defaultAction. The element argument has kind PACKAGE.

**Specified by:**[visitPackage](http://docs.google.com/javax/lang/model/element/ElementVisitor.html#visitPackage(javax.lang.model.element.PackageElement,%20P)) in interface [ElementVisitor](http://docs.google.com/javax/lang/model/element/ElementVisitor.html)<[R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html),[P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html)>**Overrides:**[visitPackage](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html#visitPackage(javax.lang.model.element.PackageElement,%20P)) in class [SimpleElementVisitor6](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html)<[R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html),[P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html)> **Parameters:**e - the element to visitp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitType

public [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) **visitType**([TypeElement](http://docs.google.com/javax/lang/model/element/TypeElement.html) e,  
 [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)

Visits a type element, dispatching to the visit method for the specific [kind](http://docs.google.com/javax/lang/model/element/ElementKind.html) of type, ANNOTATION\_TYPE, CLASS, ENUM, or INTERFACE.

**Specified by:**[visitType](http://docs.google.com/javax/lang/model/element/ElementVisitor.html#visitType(javax.lang.model.element.TypeElement,%20P)) in interface [ElementVisitor](http://docs.google.com/javax/lang/model/element/ElementVisitor.html)<[R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html),[P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html)>**Overrides:**[visitType](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html#visitType(javax.lang.model.element.TypeElement,%20P)) in class [SimpleElementVisitor6](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html)<[R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html),[P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html)> **Parameters:**e - the element to visitp - a visitor-specified parameter **Returns:**the result of the kind-specific visit method

### visitTypeAsAnnotationType

public [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) **visitTypeAsAnnotationType**([TypeElement](http://docs.google.com/javax/lang/model/element/TypeElement.html) e,  
 [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)

Visits an ANNOTATION\_TYPE type element by calling defaultAction.

**Parameters:**e - the element to visitp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitTypeAsClass

public [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) **visitTypeAsClass**([TypeElement](http://docs.google.com/javax/lang/model/element/TypeElement.html) e,  
 [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)

Visits a CLASS type element by calling defaultAction.

**Parameters:**e - the element to visitp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitTypeAsEnum

public [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) **visitTypeAsEnum**([TypeElement](http://docs.google.com/javax/lang/model/element/TypeElement.html) e,  
 [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)

Visits an ENUM type element by calling defaultAction.

**Parameters:**e - the element to visitp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitTypeAsInterface

public [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) **visitTypeAsInterface**([TypeElement](http://docs.google.com/javax/lang/model/element/TypeElement.html) e,  
 [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)

Visits an INTERFACE type element by calling defaultAction. .

**Parameters:**e - the element to visitp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitVariable

public [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) **visitVariable**([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.

**Specified by:**[visitVariable](http://docs.google.com/javax/lang/model/element/ElementVisitor.html#visitVariable(javax.lang.model.element.VariableElement,%20P)) in interface [ElementVisitor](http://docs.google.com/javax/lang/model/element/ElementVisitor.html)<[R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html),[P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html)>**Overrides:**[visitVariable](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html#visitVariable(javax.lang.model.element.VariableElement,%20P)) in class [SimpleElementVisitor6](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html)<[R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html),[P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html)> **Parameters:**e - the element to visitp - a visitor-specified parameter **Returns:**the result of the kind-specific visit method

### visitVariableAsEnumConstant

public [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) **visitVariableAsEnumConstant**([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.

**Parameters:**e - the element to visitp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitVariableAsExceptionParameter

public [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) **visitVariableAsExceptionParameter**([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.

**Parameters:**e - the element to visitp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitVariableAsField

public [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) **visitVariableAsField**([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.

**Parameters:**e - the element to visitp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitVariableAsLocalVariable

public [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) **visitVariableAsLocalVariable**([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.

**Parameters:**e - the element to visitp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitVariableAsParameter

public [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) **visitVariableAsParameter**([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.

**Parameters:**e - the element to visitp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitExecutable

public [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) **visitExecutable**([ExecutableElement](http://docs.google.com/javax/lang/model/element/ExecutableElement.html) e,  
 [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)

Visits an executable element, dispatching to the visit method for the specific [kind](http://docs.google.com/javax/lang/model/element/ElementKind.html) of executable, CONSTRUCTOR, INSTANCE\_INIT, METHOD, or STATIC\_INIT.

**Specified by:**[visitExecutable](http://docs.google.com/javax/lang/model/element/ElementVisitor.html#visitExecutable(javax.lang.model.element.ExecutableElement,%20P)) in interface [ElementVisitor](http://docs.google.com/javax/lang/model/element/ElementVisitor.html)<[R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html),[P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html)>**Overrides:**[visitExecutable](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html#visitExecutable(javax.lang.model.element.ExecutableElement,%20P)) in class [SimpleElementVisitor6](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html)<[R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html),[P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html)> **Parameters:**e - the element to visitp - a visitor-specified parameter **Returns:**the result of the kind-specific visit method

### visitExecutableAsConstructor

public [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) **visitExecutableAsConstructor**([ExecutableElement](http://docs.google.com/javax/lang/model/element/ExecutableElement.html) e,  
 [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)

Visits a CONSTRUCTOR executable element by calling defaultAction.

**Parameters:**e - the element to visitp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitExecutableAsInstanceInit

public [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) **visitExecutableAsInstanceInit**([ExecutableElement](http://docs.google.com/javax/lang/model/element/ExecutableElement.html) e,  
 [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)

Visits an INSTANCE\_INIT executable element by calling defaultAction.

**Parameters:**e - the element to visitp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitExecutableAsMethod

public [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) **visitExecutableAsMethod**([ExecutableElement](http://docs.google.com/javax/lang/model/element/ExecutableElement.html) e,  
 [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)

Visits a METHOD executable element by calling defaultAction.

**Parameters:**e - the element to visitp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitExecutableAsStaticInit

public [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) **visitExecutableAsStaticInit**([ExecutableElement](http://docs.google.com/javax/lang/model/element/ExecutableElement.html) e,  
 [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)

Visits a STATIC\_INIT executable element by calling defaultAction.

**Parameters:**e - the element to visitp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitTypeParameter

public [R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) **visitTypeParameter**([TypeParameterElement](http://docs.google.com/javax/lang/model/element/TypeParameterElement.html) e,  
 [P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html) p)

Visits a type parameter element. This implementation calls defaultAction. The element argument has kind TYPE\_PARAMETER.

**Specified by:**[visitTypeParameter](http://docs.google.com/javax/lang/model/element/ElementVisitor.html#visitTypeParameter(javax.lang.model.element.TypeParameterElement,%20P)) in interface [ElementVisitor](http://docs.google.com/javax/lang/model/element/ElementVisitor.html)<[R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html),[P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html)>**Overrides:**[visitTypeParameter](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html#visitTypeParameter(javax.lang.model.element.TypeParameterElement,%20P)) in class [SimpleElementVisitor6](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html)<[R](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html),[P](http://docs.google.com/javax/lang/model/util/ElementKindVisitor6.html)> **Parameters:**e - the element to visitp - a visitor-specified parameter **Returns:**the result of defaultAction

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ElementKindVisitor6.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/util/ElementFilter.html)   [**NEXT CLASS**](http://docs.google.com/javax/lang/model/util/Elements.html) | [**FRAMES**](http://docs.google.com/index.html?javax/lang/model/util/ElementKindVisitor6.html)    [**NO FRAMES**](http://docs.google.com/ElementKindVisitor6.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#17dp8vu) | [METHOD](#35nkun2) |

[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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