| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SimpleAnnotationValueVisitor6.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/ElementScanner6.html)   [**NEXT CLASS**](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html) | [**FRAMES**](http://docs.google.com/index.html?javax/lang/model/util/SimpleAnnotationValueVisitor6.html)    [**NO FRAMES**](http://docs.google.com/SimpleAnnotationValueVisitor6.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#17dp8vu) | [METHOD](#35nkun2) |

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

Class SimpleAnnotationValueVisitor6<R,P>

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.lang.model.util.AbstractAnnotationValueVisitor6](http://docs.google.com/javax/lang/model/util/AbstractAnnotationValueVisitor6.html)<R,P>  
 **javax.lang.model.util.SimpleAnnotationValueVisitor6<R,P>**

**Type Parameters:**R - the return type of this visitor's methodsP - the type of the additional parameter to this visitor's methods. **All Implemented Interfaces:** [AnnotationValueVisitor](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.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 **SimpleAnnotationValueVisitor6<R,P>**extends [AbstractAnnotationValueVisitor6](http://docs.google.com/javax/lang/model/util/AbstractAnnotationValueVisitor6.html)<R,P>

A simple visitor for annotation values with default behavior appropriate for the [RELEASE\_6](http://docs.google.com/javax/lang/model/SourceVersion.html#RELEASE_6) source version. Visit methods call [defaultAction(java.lang.Object, P)](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html#defaultAction(java.lang.Object,%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 AnnotationValueVisitor interface implemented by this class may have methods 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/AbstractAnnotationValueVisitor6.html#visitUnknown(javax.lang.model.element.AnnotationValue,%20P)) method. A new simple annotation value 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** | |
| --- | --- |
| protected  [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) | [**DEFAULT\_VALUE**](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html#DEFAULT_VALUE)            Default value to be returned; [defaultAction](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html#defaultAction(java.lang.Object,%20P)) returns this value unless the method is overridden. |

| **Constructor Summary** | |
| --- | --- |
| protected | [**SimpleAnnotationValueVisitor6**](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html#SimpleAnnotationValueVisitor6())()            Constructor for concrete subclasses; uses null for the default value. |
| protected | [**SimpleAnnotationValueVisitor6**](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html#SimpleAnnotationValueVisitor6(R))([R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) defaultValue)            Constructor for concrete subclasses; uses the argument for the default value. |

| **Method Summary** | |
| --- | --- |
| protected  [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) | [**defaultAction**](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html#defaultAction(java.lang.Object,%20P))([Object](http://docs.google.com/java/lang/Object.html) o, [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)            The default action for visit methods. |
| [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) | [**visitAnnotation**](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html#visitAnnotation(javax.lang.model.element.AnnotationMirror,%20P))([AnnotationMirror](http://docs.google.com/javax/lang/model/element/AnnotationMirror.html) a, [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)            Visits an annotation value in an annotation. |
| [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) | [**visitArray**](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html#visitArray(java.util.List,%20P))([List](http://docs.google.com/java/util/List.html)<? extends [AnnotationValue](http://docs.google.com/javax/lang/model/element/AnnotationValue.html)> vals, [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)            Visits an array value in an annotation. |
| [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) | [**visitBoolean**](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html#visitBoolean(boolean,%20P))(boolean b, [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)            Visits a boolean value in an annotation. |
| [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) | [**visitByte**](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html#visitByte(byte,%20P))(byte b, [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)            Visits a byte value in an annotation. |
| [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) | [**visitChar**](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html#visitChar(char,%20P))(char c, [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)            Visits a char value in an annotation. |
| [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) | [**visitDouble**](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html#visitDouble(double,%20P))(double d, [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)            Visits a double value in an annotation. |
| [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) | [**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/SimpleAnnotationValueVisitor6.html) | [**visitFloat**](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html#visitFloat(float,%20P))(float f, [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)            Visits a float value in an annotation. |
| [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) | [**visitInt**](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html#visitInt(int,%20P))(int i, [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)            Visits an int value in an annotation. |
| [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) | [**visitLong**](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html#visitLong(long,%20P))(long i, [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)            Visits a long value in an annotation. |
| [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) | [**visitShort**](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html#visitShort(short,%20P))(short s, [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)            Visits a short value in an annotation. |
| [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) | [**visitString**](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html#visitString(java.lang.String,%20P))([String](http://docs.google.com/java/lang/String.html) s, [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)            Visits a string value in an annotation. |
| [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) | [**visitType**](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html#visitType(javax.lang.model.type.TypeMirror,%20P))([TypeMirror](http://docs.google.com/javax/lang/model/type/TypeMirror.html) t, [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)            Visits a type value in an annotation. |

| **Methods inherited from class javax.lang.model.util.**[**AbstractAnnotationValueVisitor6**](http://docs.google.com/javax/lang/model/util/AbstractAnnotationValueVisitor6.html) |
| --- |
| [visit](http://docs.google.com/javax/lang/model/util/AbstractAnnotationValueVisitor6.html#visit(javax.lang.model.element.AnnotationValue)), [visit](http://docs.google.com/javax/lang/model/util/AbstractAnnotationValueVisitor6.html#visit(javax.lang.model.element.AnnotationValue,%20P)), [visitUnknown](http://docs.google.com/javax/lang/model/util/AbstractAnnotationValueVisitor6.html#visitUnknown(javax.lang.model.element.AnnotationValue,%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)) |

| **Field Detail** |
| --- |

### DEFAULT\_VALUE

protected final [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) **DEFAULT\_VALUE**

Default value to be returned; [defaultAction](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html#defaultAction(java.lang.Object,%20P)) returns this value unless the method is overridden.

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

### SimpleAnnotationValueVisitor6

protected **SimpleAnnotationValueVisitor6**()

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

### SimpleAnnotationValueVisitor6

protected **SimpleAnnotationValueVisitor6**([R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) defaultValue)

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

**Parameters:**defaultValue - the value to assign to [DEFAULT\_VALUE](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html#DEFAULT_VALUE)

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

### defaultAction

protected [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) **defaultAction**([Object](http://docs.google.com/java/lang/Object.html) o,  
 [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)

The default action for visit methods. The implementation in this class just returns [DEFAULT\_VALUE](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html#DEFAULT_VALUE); subclasses will commonly override this method.

**Parameters:**o - the value of the annotationp - a visitor-specified parameter **Returns:**DEFAULT\_VALUE unless overridden

### visitBoolean

public [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) **visitBoolean**(boolean b,  
 [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)

Visits a boolean value in an annotation. This implementation calls defaultAction.

**Parameters:**b - the value being visitedp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitByte

public [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) **visitByte**(byte b,  
 [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)

Visits a byte value in an annotation. This implementation calls defaultAction.

**Parameters:**b - the value being visitedp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitChar

public [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) **visitChar**(char c,  
 [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)

Visits a char value in an annotation. This implementation calls defaultAction.

**Parameters:**c - the value being visitedp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitDouble

public [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) **visitDouble**(double d,  
 [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)

Visits a double value in an annotation. This implementation calls defaultAction.

**Parameters:**d - the value being visitedp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitFloat

public [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) **visitFloat**(float f,  
 [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)

Visits a float value in an annotation. This implementation calls defaultAction.

**Parameters:**f - the value being visitedp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitInt

public [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) **visitInt**(int i,  
 [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)

Visits an int value in an annotation. This implementation calls defaultAction.

**Parameters:**i - the value being visitedp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitLong

public [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) **visitLong**(long i,  
 [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)

Visits a long value in an annotation. This implementation calls defaultAction.

**Parameters:**i - the value being visitedp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitShort

public [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) **visitShort**(short s,  
 [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)

Visits a short value in an annotation. This implementation calls defaultAction.

**Parameters:**s - the value being visitedp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitString

public [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) **visitString**([String](http://docs.google.com/java/lang/String.html) s,  
 [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)

Visits a string value in an annotation. This implementation calls defaultAction.

**Parameters:**s - the value being visitedp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitType

public [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) **visitType**([TypeMirror](http://docs.google.com/javax/lang/model/type/TypeMirror.html) t,  
 [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)

Visits a type value in an annotation. This implementation calls defaultAction.

**Parameters:**t - the value being visitedp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitEnumConstant

public [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) **visitEnumConstant**([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. This implementation calls defaultAction.

**Parameters:**c - the value being visitedp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitAnnotation

public [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) **visitAnnotation**([AnnotationMirror](http://docs.google.com/javax/lang/model/element/AnnotationMirror.html) a,  
 [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)

Visits an annotation value in an annotation. This implementation calls defaultAction.

**Parameters:**a - the value being visitedp - a visitor-specified parameter **Returns:**the result of defaultAction

### visitArray

public [R](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) **visitArray**([List](http://docs.google.com/java/util/List.html)<? extends [AnnotationValue](http://docs.google.com/javax/lang/model/element/AnnotationValue.html)> vals,  
 [P](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html) p)

Visits an array value in an annotation. This implementation calls defaultAction.

**Parameters:**vals - the value being visitedp - 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/SimpleAnnotationValueVisitor6.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/ElementScanner6.html)   [**NEXT CLASS**](http://docs.google.com/javax/lang/model/util/SimpleElementVisitor6.html) | [**FRAMES**](http://docs.google.com/index.html?javax/lang/model/util/SimpleAnnotationValueVisitor6.html)    [**NO FRAMES**](http://docs.google.com/SimpleAnnotationValueVisitor6.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#4d34og8) | [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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