| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AbstractAnnotationValueVisitor6.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   [**NEXT CLASS**](http://docs.google.com/javax/lang/model/util/AbstractElementVisitor6.html) | [**FRAMES**](http://docs.google.com/index.html?javax/lang/model/util/AbstractAnnotationValueVisitor6.html)    [**NO FRAMES**](http://docs.google.com/AbstractAnnotationValueVisitor6.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#2s8eyo1) |

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

Class AbstractAnnotationValueVisitor6<R,P>

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.lang.model.util.AbstractAnnotationValueVisitor6<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> **Direct Known Subclasses:** [SimpleAnnotationValueVisitor6](http://docs.google.com/javax/lang/model/util/SimpleAnnotationValueVisitor6.html)

[@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 abstract class **AbstractAnnotationValueVisitor6<R,P>**extends [Object](http://docs.google.com/java/lang/Object.html)implements [AnnotationValueVisitor](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html)<R,P>

A skeletal 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.

**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 abstract 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

| **Constructor Summary** | |
| --- | --- |
| protected | [**AbstractAnnotationValueVisitor6**](http://docs.google.com/javax/lang/model/util/AbstractAnnotationValueVisitor6.html#AbstractAnnotationValueVisitor6())()            Constructor for concrete subclasses to call. |

| **Method Summary** | |
| --- | --- |
| [R](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))([AnnotationValue](http://docs.google.com/javax/lang/model/element/AnnotationValue.html) av)            Visits an annotation value as if by passing itself to that value's [accept](http://docs.google.com/javax/lang/model/element/AnnotationValue.html#accept(javax.lang.model.element.AnnotationValueVisitor,%20P)) method passing null for the additional parameter. |
| [R](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,%20P))([AnnotationValue](http://docs.google.com/javax/lang/model/element/AnnotationValue.html) av, [P](http://docs.google.com/javax/lang/model/util/AbstractAnnotationValueVisitor6.html) p)            Visits an annotation value as if by passing itself to that value's [accept](http://docs.google.com/javax/lang/model/element/AnnotationValue.html#accept(javax.lang.model.element.AnnotationValueVisitor,%20P)). |
| [R](http://docs.google.com/javax/lang/model/util/AbstractAnnotationValueVisitor6.html) | [**visitUnknown**](http://docs.google.com/javax/lang/model/util/AbstractAnnotationValueVisitor6.html#visitUnknown(javax.lang.model.element.AnnotationValue,%20P))([AnnotationValue](http://docs.google.com/javax/lang/model/element/AnnotationValue.html) av, [P](http://docs.google.com/javax/lang/model/util/AbstractAnnotationValueVisitor6.html) p)            Visits an unknown kind of annotation value. |

| **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)) |

| **Methods inherited from interface javax.lang.model.element.**[**AnnotationValueVisitor**](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html) |
| --- |
| [visitAnnotation](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html#visitAnnotation(javax.lang.model.element.AnnotationMirror,%20P)), [visitArray](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html#visitArray(java.util.List,%20P)), [visitBoolean](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html#visitBoolean(boolean,%20P)), [visitByte](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html#visitByte(byte,%20P)), [visitChar](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html#visitChar(char,%20P)), [visitDouble](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html#visitDouble(double,%20P)), [visitEnumConstant](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html#visitEnumConstant(javax.lang.model.element.VariableElement,%20P)), [visitFloat](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html#visitFloat(float,%20P)), [visitInt](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html#visitInt(int,%20P)), [visitLong](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html#visitLong(long,%20P)), [visitShort](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html#visitShort(short,%20P)), [visitString](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html#visitString(java.lang.String,%20P)), [visitType](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html#visitType(javax.lang.model.type.TypeMirror,%20P)) |

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

### AbstractAnnotationValueVisitor6

protected **AbstractAnnotationValueVisitor6**()

Constructor for concrete subclasses to call.

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

### visit

public final [R](http://docs.google.com/javax/lang/model/util/AbstractAnnotationValueVisitor6.html) **visit**([AnnotationValue](http://docs.google.com/javax/lang/model/element/AnnotationValue.html) av,  
 [P](http://docs.google.com/javax/lang/model/util/AbstractAnnotationValueVisitor6.html) p)

Visits an annotation value as if by passing itself to that value's [accept](http://docs.google.com/javax/lang/model/element/AnnotationValue.html#accept(javax.lang.model.element.AnnotationValueVisitor,%20P)). The invocation v.visit(av) is equivalent to av.accept(v, p).

**Specified by:**[visit](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html#visit(javax.lang.model.element.AnnotationValue,%20P)) in interface [AnnotationValueVisitor](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html)<[R](http://docs.google.com/javax/lang/model/util/AbstractAnnotationValueVisitor6.html),[P](http://docs.google.com/javax/lang/model/util/AbstractAnnotationValueVisitor6.html)> **Parameters:**av - the value to visitp - a visitor-specified parameter **Returns:**a visitor-specified result

### visit

public final [R](http://docs.google.com/javax/lang/model/util/AbstractAnnotationValueVisitor6.html) **visit**([AnnotationValue](http://docs.google.com/javax/lang/model/element/AnnotationValue.html) av)

Visits an annotation value as if by passing itself to that value's [accept](http://docs.google.com/javax/lang/model/element/AnnotationValue.html#accept(javax.lang.model.element.AnnotationValueVisitor,%20P)) method passing null for the additional parameter. The invocation v.visit(av) is equivalent to av.accept(v, null).

**Specified by:**[visit](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html#visit(javax.lang.model.element.AnnotationValue)) in interface [AnnotationValueVisitor](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html)<[R](http://docs.google.com/javax/lang/model/util/AbstractAnnotationValueVisitor6.html),[P](http://docs.google.com/javax/lang/model/util/AbstractAnnotationValueVisitor6.html)> **Parameters:**av - the value to visit **Returns:**a visitor-specified result

### visitUnknown

public [R](http://docs.google.com/javax/lang/model/util/AbstractAnnotationValueVisitor6.html) **visitUnknown**([AnnotationValue](http://docs.google.com/javax/lang/model/element/AnnotationValue.html) av,  
 [P](http://docs.google.com/javax/lang/model/util/AbstractAnnotationValueVisitor6.html) p)

Visits an unknown kind of annotation value. This can occur if the language evolves and new kinds of value can be stored in an annotation.

The default implementation of this method in AbstractAnnotationValueVisitor6 will always throw UnknownAnnotationValueException. This behavior is not required of a subclass.

**Specified by:**[visitUnknown](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html#visitUnknown(javax.lang.model.element.AnnotationValue,%20P)) in interface [AnnotationValueVisitor](http://docs.google.com/javax/lang/model/element/AnnotationValueVisitor.html)<[R](http://docs.google.com/javax/lang/model/util/AbstractAnnotationValueVisitor6.html),[P](http://docs.google.com/javax/lang/model/util/AbstractAnnotationValueVisitor6.html)> **Parameters:**av - the unknown value being visitedp - a visitor-specified parameter **Returns:**the result of the visit

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AbstractAnnotationValueVisitor6.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   [**NEXT CLASS**](http://docs.google.com/javax/lang/model/util/AbstractElementVisitor6.html) | [**FRAMES**](http://docs.google.com/index.html?javax/lang/model/util/AbstractAnnotationValueVisitor6.html)    [**NO FRAMES**](http://docs.google.com/AbstractAnnotationValueVisitor6.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#2s8eyo1) |

[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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