| | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Use**](http://docs.google.com/package-use.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 PACKAGE**](http://docs.google.com/java/lang/package-summary.html)   [**NEXT PACKAGE**](http://docs.google.com/java/lang/instrument/package-summary.html) | [**FRAMES**](http://docs.google.com/index.html?java/lang/annotation/package-summary.html)    [**NO FRAMES**](http://docs.google.com/package-summary.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

## Package java.lang.annotation

Provides library support for the Java programming language annotation facility.

**See:**

[**Description**](#3znysh7)

| **Interface Summary** | |
| --- | --- |
| [**Annotation**](http://docs.google.com/java/lang/annotation/Annotation.html) | The common interface extended by all annotation types. |

| **Enum Summary** | |
| --- | --- |
| [**ElementType**](http://docs.google.com/java/lang/annotation/ElementType.html) | A program element type. |
| [**RetentionPolicy**](http://docs.google.com/java/lang/annotation/RetentionPolicy.html) | Annotation retention policy. |

| **Exception Summary** | |
| --- | --- |
| [**AnnotationTypeMismatchException**](http://docs.google.com/java/lang/annotation/AnnotationTypeMismatchException.html) | Thrown to indicate that a program has attempted to access an element of an annotation whose type has changed after the annotation was compiled (or serialized). |
| [**IncompleteAnnotationException**](http://docs.google.com/java/lang/annotation/IncompleteAnnotationException.html) | Thrown to indicate that a program has attempted to access an element of an annotation type that was added to the annotation type definition after the annotation was compiled (or serialized). |

| **Error Summary** | |
| --- | --- |
| [**AnnotationFormatError**](http://docs.google.com/java/lang/annotation/AnnotationFormatError.html) | Thrown when the annotation parser attempts to read an annotation from a class file and determines that the annotation is malformed. |

| **Annotation Types Summary** | |
| --- | --- |
| [**Documented**](http://docs.google.com/java/lang/annotation/Documented.html) | Indicates that annotations with a type are to be documented by javadoc and similar tools by default. |
| [**Inherited**](http://docs.google.com/java/lang/annotation/Inherited.html) | Indicates that an annotation type is automatically inherited. |
| [**Retention**](http://docs.google.com/java/lang/annotation/Retention.html) | Indicates how long annotations with the annotated type are to be retained. |
| [**Target**](http://docs.google.com/java/lang/annotation/Target.html) | Indicates the kinds of program element to which an annotation type is applicable. |

## Package java.lang.annotation Description

Provides library support for the Java programming language annotation facility.

**Since:** 1.5

| | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Use**](http://docs.google.com/package-use.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*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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