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

## **java.lang.annotation**

Class AnnotationTypeMismatchException

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.lang.Throwable](http://docs.google.com/java/lang/Throwable.html)  
 [java.lang.Exception](http://docs.google.com/java/lang/Exception.html)  
 [java.lang.RuntimeException](http://docs.google.com/java/lang/RuntimeException.html)  
 **java.lang.annotation.AnnotationTypeMismatchException**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html)

public class **AnnotationTypeMismatchException**extends [RuntimeException](http://docs.google.com/java/lang/RuntimeException.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).

**Since:** 1.5 **See Also:**[Serialized Form](http://docs.google.com/serialized-form.html#java.lang.annotation.AnnotationTypeMismatchException)

| **Constructor Summary** | |
| --- | --- |
| [**AnnotationTypeMismatchException**](http://docs.google.com/java/lang/annotation/AnnotationTypeMismatchException.html#AnnotationTypeMismatchException(java.lang.reflect.Method,%20java.lang.String))([Method](http://docs.google.com/java/lang/reflect/Method.html) element, [String](http://docs.google.com/java/lang/String.html) foundType)            Constructs an AnnotationTypeMismatchException for the specified annotation type element and found data type. |

| **Method Summary** | |
| --- | --- |
| [Method](http://docs.google.com/java/lang/reflect/Method.html) | [**element**](http://docs.google.com/java/lang/annotation/AnnotationTypeMismatchException.html#element())()            Returns the Method object for the incorrectly typed element. |
| [String](http://docs.google.com/java/lang/String.html) | [**foundType**](http://docs.google.com/java/lang/annotation/AnnotationTypeMismatchException.html#foundType())()            Returns the type of data found in the incorrectly typed element. |

| **Methods inherited from class java.lang.**[**Throwable**](http://docs.google.com/java/lang/Throwable.html) |
| --- |
| [fillInStackTrace](http://docs.google.com/java/lang/Throwable.html#fillInStackTrace()), [getCause](http://docs.google.com/java/lang/Throwable.html#getCause()), [getLocalizedMessage](http://docs.google.com/java/lang/Throwable.html#getLocalizedMessage()), [getMessage](http://docs.google.com/java/lang/Throwable.html#getMessage()), [getStackTrace](http://docs.google.com/java/lang/Throwable.html#getStackTrace()), [initCause](http://docs.google.com/java/lang/Throwable.html#initCause(java.lang.Throwable)), [printStackTrace](http://docs.google.com/java/lang/Throwable.html#printStackTrace()), [printStackTrace](http://docs.google.com/java/lang/Throwable.html#printStackTrace(java.io.PrintStream)), [printStackTrace](http://docs.google.com/java/lang/Throwable.html#printStackTrace(java.io.PrintWriter)), [setStackTrace](http://docs.google.com/java/lang/Throwable.html#setStackTrace(java.lang.StackTraceElement%5B%5D)), [toString](http://docs.google.com/java/lang/Throwable.html#toString()) |

| **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()), [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** |
| --- |

### AnnotationTypeMismatchException

public **AnnotationTypeMismatchException**([Method](http://docs.google.com/java/lang/reflect/Method.html) element,  
 [String](http://docs.google.com/java/lang/String.html) foundType)

Constructs an AnnotationTypeMismatchException for the specified annotation type element and found data type.

**Parameters:**element - the Method object for the annotation elementfoundType - the (erroneous) type of data found in the annotation. This string may, but is not required to, contain the value as well. The exact format of the string is unspecified.

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

### element

public [Method](http://docs.google.com/java/lang/reflect/Method.html) **element**()

Returns the Method object for the incorrectly typed element.

**Returns:**the Method object for the incorrectly typed element

### foundType

public [String](http://docs.google.com/java/lang/String.html) **foundType**()

Returns the type of data found in the incorrectly typed element. The returned string may, but is not required to, contain the value as well. The exact format of the string is unspecified.

**Returns:**the type of data found in the incorrectly typed element

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AnnotationTypeMismatchException.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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| 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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