| | [**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/javax/lang/model/element/package-summary.html)   [**NEXT PACKAGE**](http://docs.google.com/javax/lang/model/util/package-summary.html) | [**FRAMES**](http://docs.google.com/index.html?javax/lang/model/type/package-summary.html)    [**NO FRAMES**](http://docs.google.com/package-summary.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

## Package javax.lang.model.type

Interfaces used to model Java programming language types.

**See:**

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

| **Interface Summary** | |
| --- | --- |
| [**ArrayType**](http://docs.google.com/javax/lang/model/type/ArrayType.html) | Represents an array type. |
| [**DeclaredType**](http://docs.google.com/javax/lang/model/type/DeclaredType.html) | Represents a declared type, either a class type or an interface type. |
| [**ErrorType**](http://docs.google.com/javax/lang/model/type/ErrorType.html) | Represents a class or interface type that cannot be properly modeled. |
| [**ExecutableType**](http://docs.google.com/javax/lang/model/type/ExecutableType.html) | Represents the type of an executable. |
| [**NoType**](http://docs.google.com/javax/lang/model/type/NoType.html) | A pseudo-type used where no actual type is appropriate. |
| [**NullType**](http://docs.google.com/javax/lang/model/type/NullType.html) | Represents the null type. |
| [**PrimitiveType**](http://docs.google.com/javax/lang/model/type/PrimitiveType.html) | Represents a primitive type. |
| [**ReferenceType**](http://docs.google.com/javax/lang/model/type/ReferenceType.html) | Represents a reference type. |
| [**TypeMirror**](http://docs.google.com/javax/lang/model/type/TypeMirror.html) | Represents a type in the Java programming language. |
| [**TypeVariable**](http://docs.google.com/javax/lang/model/type/TypeVariable.html) | Represents a type variable. |
| [**TypeVisitor<R,P>**](http://docs.google.com/javax/lang/model/type/TypeVisitor.html) | A visitor of types, in the style of the visitor design pattern. |
| [**WildcardType**](http://docs.google.com/javax/lang/model/type/WildcardType.html) | Represents a wildcard type argument. |

| **Enum Summary** | |
| --- | --- |
| [**TypeKind**](http://docs.google.com/javax/lang/model/type/TypeKind.html) | The kind of a type mirror. |

| **Exception Summary** | |
| --- | --- |
| [**MirroredTypeException**](http://docs.google.com/javax/lang/model/type/MirroredTypeException.html) | Thrown when an application attempts to access the [Class](http://docs.google.com/java/lang/Class.html) object corresponding to a [TypeMirror](http://docs.google.com/javax/lang/model/type/TypeMirror.html). |
| [**MirroredTypesException**](http://docs.google.com/javax/lang/model/type/MirroredTypesException.html) | Thrown when an application attempts to access a sequence of [Class](http://docs.google.com/java/lang/Class.html) objects each corresponding to a [TypeMirror](http://docs.google.com/javax/lang/model/type/TypeMirror.html). |
| [**UnknownTypeException**](http://docs.google.com/javax/lang/model/type/UnknownTypeException.html) | Indicates that an unknown kind of type was encountered. |

## Package javax.lang.model.type Description

Interfaces used to model Java programming language types.

Unless otherwise specified in a particular implementation, the collections returned by methods in this package should be expected to be unmodifiable by the caller and unsafe for concurrent access.

Unless otherwise specified, methods in this package will throw a NullPointerException if given a null argument.

**Since:** 1.6

| | [**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/javax/lang/model/element/package-summary.html)   [**NEXT PACKAGE**](http://docs.google.com/javax/lang/model/util/package-summary.html) | [**FRAMES**](http://docs.google.com/index.html?javax/lang/model/type/package-summary.html)    [**NO FRAMES**](http://docs.google.com/package-summary.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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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