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

## **java.lang.reflect**

Interface GenericArrayType

**All Superinterfaces:** [Type](http://docs.google.com/java/lang/reflect/Type.html)

public interface **GenericArrayType**extends [Type](http://docs.google.com/java/lang/reflect/Type.html)

GenericArrayType represents an array type whose component type is either a parameterized type or a type variable.

**Since:** 1.5

| **Method Summary** | |
| --- | --- |
| [Type](http://docs.google.com/java/lang/reflect/Type.html) | [**getGenericComponentType**](http://docs.google.com/java/lang/reflect/GenericArrayType.html#getGenericComponentType())()            Returns a Type object representing the component type of this array. |

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

### getGenericComponentType

[Type](http://docs.google.com/java/lang/reflect/Type.html) **getGenericComponentType**()

Returns a Type object representing the component type of this array. This method creates the component type of the array. See the declaration of [ParameterizedType](http://docs.google.com/java/lang/reflect/ParameterizedType.html) for the semantics of the creation process for parameterized types and see [TypeVariable](http://docs.google.com/java/lang/reflect/TypeVariable.html) for the creation process for type variables.

**Returns:**a Type object representing the component type of this array **Throws:** [TypeNotPresentException](http://docs.google.com/java/lang/TypeNotPresentException.html) - if the underlying array type's component type refers to a non-existent type declaration [MalformedParameterizedTypeException](http://docs.google.com/java/lang/reflect/MalformedParameterizedTypeException.html) - if the underlying array type's component type refers to a parameterized type that cannot be instantiated for any reason

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

[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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