| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/GenericDeclaration.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/GenericArrayType.html)   [**NEXT CLASS**](http://docs.google.com/java/lang/reflect/GenericSignatureFormatError.html) | [**FRAMES**](http://docs.google.com/index.html?java/lang/reflect/GenericDeclaration.html)    [**NO FRAMES**](http://docs.google.com/GenericDeclaration.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 GenericDeclaration

**All Known Implementing Classes:** [Class](http://docs.google.com/java/lang/Class.html), [Constructor](http://docs.google.com/java/lang/reflect/Constructor.html), [Method](http://docs.google.com/java/lang/reflect/Method.html)

public interface **GenericDeclaration**

A common interface for all entities that declare type variables.

**Since:** 1.5

| **Method Summary** | |
| --- | --- |
| [TypeVariable](http://docs.google.com/java/lang/reflect/TypeVariable.html)<?>[] | [**getTypeParameters**](http://docs.google.com/java/lang/reflect/GenericDeclaration.html#getTypeParameters())()            Returns an array of TypeVariable objects that represent the type variables declared by the generic declaration represented by this GenericDeclaration object, in declaration order. |

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

### getTypeParameters

[TypeVariable](http://docs.google.com/java/lang/reflect/TypeVariable.html)<?>[] **getTypeParameters**()

Returns an array of TypeVariable objects that represent the type variables declared by the generic declaration represented by this GenericDeclaration object, in declaration order. Returns an array of length 0 if the underlying generic declaration declares no type variables.

**Returns:**an array of TypeVariable objects that represent the type variables declared by this generic declaration **Throws:** [GenericSignatureFormatError](http://docs.google.com/java/lang/reflect/GenericSignatureFormatError.html) - if the generic signature of this generic declaration does not conform to the format specified in the Java Virtual Machine Specification, 3rd edition

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/GenericDeclaration.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/GenericArrayType.html)   [**NEXT CLASS**](http://docs.google.com/java/lang/reflect/GenericSignatureFormatError.html) | [**FRAMES**](http://docs.google.com/index.html?java/lang/reflect/GenericDeclaration.html)    [**NO FRAMES**](http://docs.google.com/GenericDeclaration.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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