| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Member.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/MalformedParameterizedTypeException.html)   [**NEXT CLASS**](http://docs.google.com/java/lang/reflect/Method.html) | [**FRAMES**](http://docs.google.com/index.html?java/lang/reflect/Member.html)    [**NO FRAMES**](http://docs.google.com/Member.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | [METHOD](#2et92p0) | DETAIL: [FIELD](#tyjcwt) | CONSTR | [METHOD](#4d34og8) |

## **java.lang.reflect**

Interface Member

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

public interface **Member**

Member is an interface that reflects identifying information about a single member (a field or a method) or a constructor.

**See Also:**[Class](http://docs.google.com/java/lang/Class.html), [Field](http://docs.google.com/java/lang/reflect/Field.html), [Method](http://docs.google.com/java/lang/reflect/Method.html), [Constructor](http://docs.google.com/java/lang/reflect/Constructor.html)

| **Field Summary** | |
| --- | --- |
| static int | [**DECLARED**](http://docs.google.com/java/lang/reflect/Member.html#DECLARED)            Identifies the set of declared members of a class or interface. |
| static int | [**PUBLIC**](http://docs.google.com/java/lang/reflect/Member.html#PUBLIC)            Identifies the set of all public members of a class or interface, including inherited members. |

| **Method Summary** | |
| --- | --- |
| [Class](http://docs.google.com/java/lang/Class.html)<?> | [**getDeclaringClass**](http://docs.google.com/java/lang/reflect/Member.html#getDeclaringClass())()            Returns the Class object representing the class or interface that declares the member or constructor represented by this Member. |
| int | [**getModifiers**](http://docs.google.com/java/lang/reflect/Member.html#getModifiers())()            Returns the Java language modifiers for the member or constructor represented by this Member, as an integer. |
| [String](http://docs.google.com/java/lang/String.html) | [**getName**](http://docs.google.com/java/lang/reflect/Member.html#getName())()            Returns the simple name of the underlying member or constructor represented by this Member. |
| boolean | [**isSynthetic**](http://docs.google.com/java/lang/reflect/Member.html#isSynthetic())()            Returns true if this member was introduced by the compiler; returns false otherwise. |

| **Field Detail** |
| --- |

### PUBLIC

static final int **PUBLIC**

Identifies the set of all public members of a class or interface, including inherited members.

**See Also:**[SecurityManager.checkMemberAccess(java.lang.Class, int)](http://docs.google.com/java/lang/SecurityManager.html#checkMemberAccess(java.lang.Class,%20int)), [Constant Field Values](http://docs.google.com/constant-values.html#java.lang.reflect.Member.PUBLIC)

### DECLARED

static final int **DECLARED**

Identifies the set of declared members of a class or interface. Inherited members are not included.

**See Also:**[SecurityManager.checkMemberAccess(java.lang.Class, int)](http://docs.google.com/java/lang/SecurityManager.html#checkMemberAccess(java.lang.Class,%20int)), [Constant Field Values](http://docs.google.com/constant-values.html#java.lang.reflect.Member.DECLARED)

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

### getDeclaringClass

[Class](http://docs.google.com/java/lang/Class.html)<?> **getDeclaringClass**()

Returns the Class object representing the class or interface that declares the member or constructor represented by this Member.

**Returns:**an object representing the declaring class of the underlying member

### getName

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

Returns the simple name of the underlying member or constructor represented by this Member.

**Returns:**the simple name of the underlying member

### getModifiers

int **getModifiers**()

Returns the Java language modifiers for the member or constructor represented by this Member, as an integer. The Modifier class should be used to decode the modifiers in the integer.

**Returns:**the Java language modifiers for the underlying member**See Also:**[Modifier](http://docs.google.com/java/lang/reflect/Modifier.html)

### isSynthetic

boolean **isSynthetic**()

Returns true if this member was introduced by the compiler; returns false otherwise.

**Returns:**true if and only if this member was introduced by the compiler.**Since:** 1.5

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Member.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](#3znysh7) | CONSTR | [METHOD](#2et92p0) | DETAIL: [FIELD](#tyjcwt) | CONSTR | [METHOD](#4d34og8) |

[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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