| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/StructMember.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/org/omg/CORBA/StringValueHelper.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/CORBA/StructMemberHelper.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/CORBA/StructMember.html)    [**NO FRAMES**](http://docs.google.com/StructMember.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#3rdcrjn) | METHOD |

## **org.omg.CORBA**

Class StructMember

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **org.omg.CORBA.StructMember**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [IDLEntity](http://docs.google.com/org/omg/CORBA/portable/IDLEntity.html)

public final class **StructMember**extends [Object](http://docs.google.com/java/lang/Object.html)implements [IDLEntity](http://docs.google.com/org/omg/CORBA/portable/IDLEntity.html)

Describes a member of an IDL struct in the Interface Repository, including the name of the struct member, the type of the struct member, and the typedef that represents the IDL type of the struct member described the struct member object.

| **Field Summary** | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | [**name**](http://docs.google.com/org/omg/CORBA/StructMember.html#name)            The name of the struct member described by this StructMember object. |
| [TypeCode](http://docs.google.com/org/omg/CORBA/TypeCode.html) | [**type**](http://docs.google.com/org/omg/CORBA/StructMember.html#type)            The type of the struct member described by this StructMember object. |
| [IDLType](http://docs.google.com/org/omg/CORBA/IDLType.html) | [**type\_def**](http://docs.google.com/org/omg/CORBA/StructMember.html#type_def)            The typedef that represents the IDL type of the struct member described by this StructMember object. |

| **Constructor Summary** | |
| --- | --- |
| [**StructMember**](http://docs.google.com/org/omg/CORBA/StructMember.html#StructMember())()            Constructs a default StructMember object. |
| [**StructMember**](http://docs.google.com/org/omg/CORBA/StructMember.html#StructMember(java.lang.String,%20org.omg.CORBA.TypeCode,%20org.omg.CORBA.IDLType))([String](http://docs.google.com/java/lang/String.html) \_\_name, [TypeCode](http://docs.google.com/org/omg/CORBA/TypeCode.html) \_\_type, [IDLType](http://docs.google.com/org/omg/CORBA/IDLType.html) \_\_type\_def)            Constructs a StructMember object initialized with the given values. |

| **Method Summary** | |
| --- | --- |

| **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()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [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)) |

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

### name

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

The name of the struct member described by this StructMember object.

### type

public [TypeCode](http://docs.google.com/org/omg/CORBA/TypeCode.html) **type**

The type of the struct member described by this StructMember object.

### type\_def

public [IDLType](http://docs.google.com/org/omg/CORBA/IDLType.html) **type\_def**

The typedef that represents the IDL type of the struct member described by this StructMember object.

| **Constructor Detail** |
| --- |

### StructMember

public **StructMember**()

Constructs a default StructMember object.

### StructMember

public **StructMember**([String](http://docs.google.com/java/lang/String.html) \_\_name,  
 [TypeCode](http://docs.google.com/org/omg/CORBA/TypeCode.html) \_\_type,  
 [IDLType](http://docs.google.com/org/omg/CORBA/IDLType.html) \_\_type\_def)

Constructs a StructMember object initialized with the given values.

**Parameters:**\_\_name - a String object with the name of the struct member\_\_type - a TypeCode object describing the type of the struct member\_\_type\_def - an IDLType object representing the IDL type of the struct member

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/StructMember.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/org/omg/CORBA/StringValueHelper.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/CORBA/StructMemberHelper.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/CORBA/StructMember.html)    [**NO FRAMES**](http://docs.google.com/StructMember.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
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[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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