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

## **org.omg.CORBA**

Interface DynUnion

**All Superinterfaces:** [DynAny](http://docs.google.com/org/omg/CORBA/DynAny.html), [Object](http://docs.google.com/org/omg/CORBA/Object.html)**Deprecated.** *Use the new* [*DynUnion*](http://docs.google.com/DynamicAny/DynUnion.html) *instead*

[@Deprecated](http://docs.google.com/java/lang/Deprecated.html)  
public interface **DynUnion**extends [Object](http://docs.google.com/org/omg/CORBA/Object.html), [DynAny](http://docs.google.com/org/omg/CORBA/DynAny.html)

The DynUnion interface represents a DynAny object that is associated with an IDL union. Union values can be traversed using the operations defined in DynAny. The first component in the union corresponds to the discriminator; the second corresponds to the actual value of the union. Calling the method next() twice allows you to access both components.

| **Method Summary** | |
| --- | --- |
| [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | [**discriminator\_kind**](http://docs.google.com/org/omg/CORBA/DynUnion.html#discriminator_kind())()  **Deprecated.** Returns the TCKind object associated with the discriminator of this union. |
| [DynAny](http://docs.google.com/org/omg/CORBA/DynAny.html) | [**discriminator**](http://docs.google.com/org/omg/CORBA/DynUnion.html#discriminator())()  **Deprecated.** Returns a DynAny object reference that must be narrowed to the type of the discriminator in order to insert/get the discriminator value. |
| [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | [**member\_kind**](http://docs.google.com/org/omg/CORBA/DynUnion.html#member_kind())()  **Deprecated.** Returns the TCKind associated with the member of this union. |
| [String](http://docs.google.com/java/lang/String.html) | [**member\_name**](http://docs.google.com/org/omg/CORBA/DynUnion.html#member_name())()  **Deprecated.** Allows for the inspection of the name of this union member without checking the value of the discriminator. |
| void | [**member\_name**](http://docs.google.com/org/omg/CORBA/DynUnion.html#member_name(java.lang.String))([String](http://docs.google.com/java/lang/String.html) arg)  **Deprecated.** Allows for the assignment of the name of this union member. |
| [DynAny](http://docs.google.com/org/omg/CORBA/DynAny.html) | [**member**](http://docs.google.com/org/omg/CORBA/DynUnion.html#member())()  **Deprecated.** Returns a DynAny object reference that is used in order to insert/get a member of this union. |
| boolean | [**set\_as\_default**](http://docs.google.com/org/omg/CORBA/DynUnion.html#set_as_default())()  **Deprecated.** Determines whether the discriminator associated with this union has been assigned a valid default value. |
| void | [**set\_as\_default**](http://docs.google.com/org/omg/CORBA/DynUnion.html#set_as_default(boolean))(boolean arg)  **Deprecated.** Determines whether the discriminator associated with this union gets assigned a valid default value. |

| **Methods inherited from interface org.omg.CORBA.**[**DynAny**](http://docs.google.com/org/omg/CORBA/DynAny.html) |
| --- |
| [assign](http://docs.google.com/org/omg/CORBA/DynAny.html#assign(org.omg.CORBA.DynAny)), [copy](http://docs.google.com/org/omg/CORBA/DynAny.html#copy()), [current\_component](http://docs.google.com/org/omg/CORBA/DynAny.html#current_component()), [destroy](http://docs.google.com/org/omg/CORBA/DynAny.html#destroy()), [from\_any](http://docs.google.com/org/omg/CORBA/DynAny.html#from_any(org.omg.CORBA.Any)), [get\_any](http://docs.google.com/org/omg/CORBA/DynAny.html#get_any()), [get\_boolean](http://docs.google.com/org/omg/CORBA/DynAny.html#get_boolean()), [get\_char](http://docs.google.com/org/omg/CORBA/DynAny.html#get_char()), [get\_double](http://docs.google.com/org/omg/CORBA/DynAny.html#get_double()), [get\_float](http://docs.google.com/org/omg/CORBA/DynAny.html#get_float()), [get\_long](http://docs.google.com/org/omg/CORBA/DynAny.html#get_long()), [get\_longlong](http://docs.google.com/org/omg/CORBA/DynAny.html#get_longlong()), [get\_octet](http://docs.google.com/org/omg/CORBA/DynAny.html#get_octet()), [get\_reference](http://docs.google.com/org/omg/CORBA/DynAny.html#get_reference()), [get\_short](http://docs.google.com/org/omg/CORBA/DynAny.html#get_short()), [get\_string](http://docs.google.com/org/omg/CORBA/DynAny.html#get_string()), [get\_typecode](http://docs.google.com/org/omg/CORBA/DynAny.html#get_typecode()), [get\_ulong](http://docs.google.com/org/omg/CORBA/DynAny.html#get_ulong()), [get\_ulonglong](http://docs.google.com/org/omg/CORBA/DynAny.html#get_ulonglong()), [get\_ushort](http://docs.google.com/org/omg/CORBA/DynAny.html#get_ushort()), [get\_val](http://docs.google.com/org/omg/CORBA/DynAny.html#get_val()), [get\_wchar](http://docs.google.com/org/omg/CORBA/DynAny.html#get_wchar()), [get\_wstring](http://docs.google.com/org/omg/CORBA/DynAny.html#get_wstring()), [insert\_any](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_any(org.omg.CORBA.Any)), [insert\_boolean](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_boolean(boolean)), [insert\_char](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_char(char)), [insert\_double](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_double(double)), [insert\_float](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_float(float)), [insert\_long](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_long(int)), [insert\_longlong](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_longlong(long)), [insert\_octet](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_octet(byte)), [insert\_reference](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_reference(org.omg.CORBA.Object)), [insert\_short](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_short(short)), [insert\_string](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_string(java.lang.String)), [insert\_typecode](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_typecode(org.omg.CORBA.TypeCode)), [insert\_ulong](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_ulong(int)), [insert\_ulonglong](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_ulonglong(long)), [insert\_ushort](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_ushort(short)), [insert\_val](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_val(java.io.Serializable)), [insert\_wchar](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_wchar(char)), [insert\_wstring](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_wstring(java.lang.String)), [next](http://docs.google.com/org/omg/CORBA/DynAny.html#next()), [rewind](http://docs.google.com/org/omg/CORBA/DynAny.html#rewind()), [seek](http://docs.google.com/org/omg/CORBA/DynAny.html#seek(int)), [to\_any](http://docs.google.com/org/omg/CORBA/DynAny.html#to_any()), [type](http://docs.google.com/org/omg/CORBA/DynAny.html#type()) |

| **Methods inherited from interface org.omg.CORBA.**[**Object**](http://docs.google.com/org/omg/CORBA/Object.html) |
| --- |
| [\_create\_request](http://docs.google.com/org/omg/CORBA/Object.html#_create_request(org.omg.CORBA.Context,%20java.lang.String,%20org.omg.CORBA.NVList,%20org.omg.CORBA.NamedValue)), [\_create\_request](http://docs.google.com/org/omg/CORBA/Object.html#_create_request(org.omg.CORBA.Context,%20java.lang.String,%20org.omg.CORBA.NVList,%20org.omg.CORBA.NamedValue,%20org.omg.CORBA.ExceptionList,%20org.omg.CORBA.ContextList)), [\_duplicate](http://docs.google.com/org/omg/CORBA/Object.html#_duplicate()), [\_get\_domain\_managers](http://docs.google.com/org/omg/CORBA/Object.html#_get_domain_managers()), [\_get\_interface\_def](http://docs.google.com/org/omg/CORBA/Object.html#_get_interface_def()), [\_get\_policy](http://docs.google.com/org/omg/CORBA/Object.html#_get_policy(int)), [\_hash](http://docs.google.com/org/omg/CORBA/Object.html#_hash(int)), [\_is\_a](http://docs.google.com/org/omg/CORBA/Object.html#_is_a(java.lang.String)), [\_is\_equivalent](http://docs.google.com/org/omg/CORBA/Object.html#_is_equivalent(org.omg.CORBA.Object)), [\_non\_existent](http://docs.google.com/org/omg/CORBA/Object.html#_non_existent()), [\_release](http://docs.google.com/org/omg/CORBA/Object.html#_release()), [\_request](http://docs.google.com/org/omg/CORBA/Object.html#_request(java.lang.String)), [\_set\_policy\_override](http://docs.google.com/org/omg/CORBA/Object.html#_set_policy_override(org.omg.CORBA.Policy%5B%5D,%20org.omg.CORBA.SetOverrideType)) |

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

### set\_as\_default

boolean **set\_as\_default**()

**Deprecated.** Determines whether the discriminator associated with this union has been assigned a valid default value.

**Returns:**true if the discriminator has a default value; false otherwise

### set\_as\_default

void **set\_as\_default**(boolean arg)

**Deprecated.** Determines whether the discriminator associated with this union gets assigned a valid default value.

**Parameters:**arg - true if the discriminator gets assigned a default value

### discriminator

[DynAny](http://docs.google.com/org/omg/CORBA/DynAny.html) **discriminator**()

**Deprecated.** Returns a DynAny object reference that must be narrowed to the type of the discriminator in order to insert/get the discriminator value.

**Returns:**a DynAny object reference representing the discriminator value

### discriminator\_kind

[TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) **discriminator\_kind**()

**Deprecated.** Returns the TCKind object associated with the discriminator of this union.

**Returns:**the TCKind object associated with the discriminator of this union

### member

[DynAny](http://docs.google.com/org/omg/CORBA/DynAny.html) **member**()

**Deprecated.** Returns a DynAny object reference that is used in order to insert/get a member of this union.

**Returns:**the DynAny object representing a member of this union

### member\_name

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

**Deprecated.** Allows for the inspection of the name of this union member without checking the value of the discriminator.

**Returns:**the name of this union member

### member\_name

void **member\_name**([String](http://docs.google.com/java/lang/String.html) arg)

**Deprecated.** Allows for the assignment of the name of this union member.

**Parameters:**arg - the new name of this union member

### member\_kind

[TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) **member\_kind**()

**Deprecated.** Returns the TCKind associated with the member of this union.

**Returns:**the TCKind object associated with the member of this union

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

[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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