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

## **org.omg.CORBA**

Interface DynAny

**All Superinterfaces:** [Object](http://docs.google.com/org/omg/CORBA/Object.html) **All Known Subinterfaces:** [DynArray](http://docs.google.com/org/omg/CORBA/DynArray.html), [DynEnum](http://docs.google.com/org/omg/CORBA/DynEnum.html), [DynFixed](http://docs.google.com/org/omg/CORBA/DynFixed.html), [DynSequence](http://docs.google.com/org/omg/CORBA/DynSequence.html), [DynStruct](http://docs.google.com/org/omg/CORBA/DynStruct.html), [DynUnion](http://docs.google.com/org/omg/CORBA/DynUnion.html), [DynValue](http://docs.google.com/org/omg/CORBA/DynValue.html)**Deprecated.** *Use the new* [*DynAny*](http://docs.google.com/DynamicAny/DynAny.html) *instead*

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

Enables org.omg.CORBA.Any values to be dynamically interpreted (traversed) and constructed. A DynAny object is associated with a data value which may correspond to a copy of the value inserted into an Any. The DynAny APIs enable traversal of the data value associated with an Any at runtime and extraction of the primitive constituents of the data value.

| **Method Summary** | |
| --- | --- |
| void | [**assign**](http://docs.google.com/org/omg/CORBA/DynAny.html#assign(org.omg.CORBA.DynAny))([DynAny](http://docs.google.com/org/omg/CORBA/DynAny.html) dyn\_any)  **Deprecated.** Copy the contents from one Dynamic Any into another. |
| [DynAny](http://docs.google.com/org/omg/CORBA/DynAny.html) | [**copy**](http://docs.google.com/org/omg/CORBA/DynAny.html#copy())()  **Deprecated.** Clones this DynAny object. |
| [DynAny](http://docs.google.com/org/omg/CORBA/DynAny.html) | [**current\_component**](http://docs.google.com/org/omg/CORBA/DynAny.html#current_component())()  **Deprecated.** Returns a DynAny object reference that can be used to get/set the value of the component currently accessed. |
| void | [**destroy**](http://docs.google.com/org/omg/CORBA/DynAny.html#destroy())()  **Deprecated.** Destroys this DynAny object and frees any resources used to represent the data value associated with it. |
| void | [**from\_any**](http://docs.google.com/org/omg/CORBA/DynAny.html#from_any(org.omg.CORBA.Any))([Any](http://docs.google.com/org/omg/CORBA/Any.html) value)  **Deprecated.** Make a DynAny object from an Any object. |
| [Any](http://docs.google.com/org/omg/CORBA/Any.html) | [**get\_any**](http://docs.google.com/org/omg/CORBA/DynAny.html#get_any())()  **Deprecated.** Retrieves the org.omg.CORBA.Any contained in this DynAny object. |
| boolean | [**get\_boolean**](http://docs.google.com/org/omg/CORBA/DynAny.html#get_boolean())()  **Deprecated.** Retrieves the boolean contained in this DynAny object. |
| char | [**get\_char**](http://docs.google.com/org/omg/CORBA/DynAny.html#get_char())()  **Deprecated.** Retrieves the char contained in this DynAny object. |
| double | [**get\_double**](http://docs.google.com/org/omg/CORBA/DynAny.html#get_double())()  **Deprecated.** Retrieves the double contained in this DynAny object. |
| float | [**get\_float**](http://docs.google.com/org/omg/CORBA/DynAny.html#get_float())()  **Deprecated.** Retrieves the float contained in this DynAny object. |
| int | [**get\_long**](http://docs.google.com/org/omg/CORBA/DynAny.html#get_long())()  **Deprecated.** Retrieves the int contained in this DynAny object. |
| long | [**get\_longlong**](http://docs.google.com/org/omg/CORBA/DynAny.html#get_longlong())()  **Deprecated.** Retrieves the long contained in this DynAny object. |
| byte | [**get\_octet**](http://docs.google.com/org/omg/CORBA/DynAny.html#get_octet())()  **Deprecated.** Retrieves the byte contained in this DynAny object. |
| [Object](http://docs.google.com/org/omg/CORBA/Object.html) | [**get\_reference**](http://docs.google.com/org/omg/CORBA/DynAny.html#get_reference())()  **Deprecated.** Retrieves the org.omg.CORBA.Other contained in this DynAny object. |
| short | [**get\_short**](http://docs.google.com/org/omg/CORBA/DynAny.html#get_short())()  **Deprecated.** Retrieves the short contained in this DynAny object. |
| [String](http://docs.google.com/java/lang/String.html) | [**get\_string**](http://docs.google.com/org/omg/CORBA/DynAny.html#get_string())()  **Deprecated.** Retrieves the String contained in this DynAny object. |
| [TypeCode](http://docs.google.com/org/omg/CORBA/TypeCode.html) | [**get\_typecode**](http://docs.google.com/org/omg/CORBA/DynAny.html#get_typecode())()  **Deprecated.** Retrieves the org.omg.CORBA.TypeCode contained in this DynAny object. |
| int | [**get\_ulong**](http://docs.google.com/org/omg/CORBA/DynAny.html#get_ulong())()  **Deprecated.** Retrieves the int contained in this DynAny object. |
| long | [**get\_ulonglong**](http://docs.google.com/org/omg/CORBA/DynAny.html#get_ulonglong())()  **Deprecated.** Retrieves the long contained in this DynAny object. |
| short | [**get\_ushort**](http://docs.google.com/org/omg/CORBA/DynAny.html#get_ushort())()  **Deprecated.** Retrieves the short contained in this DynAny object. |
| [Serializable](http://docs.google.com/java/io/Serializable.html) | [**get\_val**](http://docs.google.com/org/omg/CORBA/DynAny.html#get_val())()  **Deprecated.** Retrieves the java.io.Serializable object contained in this DynAny object. |
| char | [**get\_wchar**](http://docs.google.com/org/omg/CORBA/DynAny.html#get_wchar())()  **Deprecated.** Retrieves the char contained in this DynAny object. |
| [String](http://docs.google.com/java/lang/String.html) | [**get\_wstring**](http://docs.google.com/org/omg/CORBA/DynAny.html#get_wstring())()  **Deprecated.** Retrieves the String contained in this DynAny object. |
| void | [**insert\_any**](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_any(org.omg.CORBA.Any))([Any](http://docs.google.com/org/omg/CORBA/Any.html) value)  **Deprecated.** Inserts the given org.omg.CORBA.Any object as the value for this DynAny object. |
| void | [**insert\_boolean**](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_boolean(boolean))(boolean value)  **Deprecated.** Inserts the given boolean as the value for this DynAny object. |
| void | [**insert\_char**](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_char(char))(char value)  **Deprecated.** Inserts the given char as the value for this DynAny object. |
| void | [**insert\_double**](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_double(double))(double value)  **Deprecated.** Inserts the given double as the value for this DynAny object. |
| void | [**insert\_float**](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_float(float))(float value)  **Deprecated.** Inserts the given float as the value for this DynAny object. |
| void | [**insert\_long**](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_long(int))(int value)  **Deprecated.** Inserts the given int as the value for this DynAny object. |
| void | [**insert\_longlong**](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_longlong(long))(long value)  **Deprecated.** Inserts the given long as the value for this DynAny object. |
| void | [**insert\_octet**](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_octet(byte))(byte value)  **Deprecated.** Inserts the given byte as the value for this DynAny object. |
| void | [**insert\_reference**](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_reference(org.omg.CORBA.Object))([Object](http://docs.google.com/org/omg/CORBA/Object.html) value)  **Deprecated.** Inserts the given org.omg.CORBA.Object as the value for this DynAny object. |
| void | [**insert\_short**](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_short(short))(short value)  **Deprecated.** Inserts the given short as the value for this DynAny object. |
| void | [**insert\_string**](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_string(java.lang.String))([String](http://docs.google.com/java/lang/String.html) value)  **Deprecated.** Inserts the given String object as the value for this DynAny object. |
| void | [**insert\_typecode**](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_typecode(org.omg.CORBA.TypeCode))([TypeCode](http://docs.google.com/org/omg/CORBA/TypeCode.html) value)  **Deprecated.** Inserts the given org.omg.CORBA.TypeCode as the value for this DynAny object. |
| void | [**insert\_ulong**](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_ulong(int))(int value)  **Deprecated.** Inserts the given int as the value for this DynAny object. |
| void | [**insert\_ulonglong**](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_ulonglong(long))(long value)  **Deprecated.** Inserts the given long as the value for this DynAny object. |
| void | [**insert\_ushort**](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_ushort(short))(short value)  **Deprecated.** Inserts the given short as the value for this DynAny object. |
| void | [**insert\_val**](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_val(java.io.Serializable))([Serializable](http://docs.google.com/java/io/Serializable.html) value)  **Deprecated.** Inserts the given java.io.Serializable object as the value for this DynAny object. |
| void | [**insert\_wchar**](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_wchar(char))(char value)  **Deprecated.** Inserts the given char as the value for this DynAny object. |
| void | [**insert\_wstring**](http://docs.google.com/org/omg/CORBA/DynAny.html#insert_wstring(java.lang.String))([String](http://docs.google.com/java/lang/String.html) value)  **Deprecated.** Inserts the given String as the value for this DynAny object. |
| boolean | [**next**](http://docs.google.com/org/omg/CORBA/DynAny.html#next())()  **Deprecated.** Moves to the next component of this DynAny object. |
| void | [**rewind**](http://docs.google.com/org/omg/CORBA/DynAny.html#rewind())()  **Deprecated.** Moves the internal pointer to the first component. |
| boolean | [**seek**](http://docs.google.com/org/omg/CORBA/DynAny.html#seek(int))(int index)  **Deprecated.** Moves the internal pointer to the given index. |
| [Any](http://docs.google.com/org/omg/CORBA/Any.html) | [**to\_any**](http://docs.google.com/org/omg/CORBA/DynAny.html#to_any())()  **Deprecated.** Convert a DynAny object to an Any object. |
| [TypeCode](http://docs.google.com/org/omg/CORBA/TypeCode.html) | [**type**](http://docs.google.com/org/omg/CORBA/DynAny.html#type())()  **Deprecated.** Returns the TypeCode of the object inserted into this DynAny. |

| **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** |
| --- |

### type

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

**Deprecated.** Returns the TypeCode of the object inserted into this DynAny.

**Returns:**the TypeCode object.

### assign

void **assign**([DynAny](http://docs.google.com/org/omg/CORBA/DynAny.html) dyn\_any)  
 throws [Invalid](http://docs.google.com/org/omg/CORBA/DynAnyPackage/Invalid.html)

**Deprecated.** Copy the contents from one Dynamic Any into another.

**Parameters:**dyn\_any - the DynAny object whose contents are assigned to this DynAny. **Throws:** Invalid - if the source DynAny is invalid

### from\_any

void **from\_any**([Any](http://docs.google.com/org/omg/CORBA/Any.html) value)  
 throws [Invalid](http://docs.google.com/org/omg/CORBA/DynAnyPackage/Invalid.html)

**Deprecated.** Make a DynAny object from an Any object.

**Parameters:**value - the Any object. **Throws:** Invalid - if the source Any object is empty or bad

### to\_any

[Any](http://docs.google.com/org/omg/CORBA/Any.html) **to\_any**()  
 throws [Invalid](http://docs.google.com/org/omg/CORBA/DynAnyPackage/Invalid.html)

**Deprecated.** Convert a DynAny object to an Any object.

**Returns:**the Any object. **Throws:** Invalid - if this DynAny is empty or bad. created or does not contain a meaningful value

### destroy

void **destroy**()

**Deprecated.** Destroys this DynAny object and frees any resources used to represent the data value associated with it. This method also destroys all DynAny objects obtained from it.

Destruction of DynAny objects should be handled with care, taking into account issues dealing with the representation of data values associated with DynAny objects. A programmer who wants to destroy a DynAny object but still be able to manipulate some component of the data value associated with it, should first create a DynAny object for the component and then make a copy of the created DynAny object.

### copy

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

**Deprecated.** Clones this DynAny object.

**Returns:**a copy of this DynAny object

### insert\_boolean

void **insert\_boolean**(boolean value)  
 throws [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html)

**Deprecated.** Inserts the given boolean as the value for this DynAny object.

If this method is called on a constructed DynAny object, it initializes the next component of the constructed data value associated with this DynAny object.

**Parameters:**value - the boolean to insert into this DynAny object **Throws:** [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html) - if the value inserted is not consistent with the type of the accessed component in this DynAny object

### insert\_octet

void **insert\_octet**(byte value)  
 throws [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html)

**Deprecated.** Inserts the given byte as the value for this DynAny object.

If this method is called on a constructed DynAny object, it initializes the next component of the constructed data value associated with this DynAny object.

**Parameters:**value - the byte to insert into this DynAny object **Throws:** [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html) - if the value inserted is not consistent with the type of the accessed component in this DynAny object

### insert\_char

void **insert\_char**(char value)  
 throws [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html)

**Deprecated.** Inserts the given char as the value for this DynAny object.

If this method is called on a constructed DynAny object, it initializes the next component of the constructed data value associated with this DynAny object.

**Parameters:**value - the char to insert into this DynAny object **Throws:** [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html) - if the value inserted is not consistent with the type of the accessed component in this DynAny object

### insert\_short

void **insert\_short**(short value)  
 throws [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html)

**Deprecated.** Inserts the given short as the value for this DynAny object.

If this method is called on a constructed DynAny object, it initializes the next component of the constructed data value associated with this DynAny object.

**Parameters:**value - the short to insert into this DynAny object **Throws:** [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html) - if the value inserted is not consistent with the type of the accessed component in this DynAny object

### insert\_ushort

void **insert\_ushort**(short value)  
 throws [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html)

**Deprecated.** Inserts the given short as the value for this DynAny object.

If this method is called on a constructed DynAny object, it initializes the next component of the constructed data value associated with this DynAny object.

**Parameters:**value - the short to insert into this DynAny object **Throws:** [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html) - if the value inserted is not consistent with the type of the accessed component in this DynAny object

### insert\_long

void **insert\_long**(int value)  
 throws [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html)

**Deprecated.** Inserts the given int as the value for this DynAny object.

If this method is called on a constructed DynAny object, it initializes the next component of the constructed data value associated with this DynAny object.

**Parameters:**value - the int to insert into this DynAny object **Throws:** [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html) - if the value inserted is not consistent with the type of the accessed component in this DynAny object

### insert\_ulong

void **insert\_ulong**(int value)  
 throws [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html)

**Deprecated.** Inserts the given int as the value for this DynAny object.

If this method is called on a constructed DynAny object, it initializes the next component of the constructed data value associated with this DynAny object.

**Parameters:**value - the int to insert into this DynAny object **Throws:** [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html) - if the value inserted is not consistent with the type of the accessed component in this DynAny object

### insert\_float

void **insert\_float**(float value)  
 throws [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html)

**Deprecated.** Inserts the given float as the value for this DynAny object.

If this method is called on a constructed DynAny object, it initializes the next component of the constructed data value associated with this DynAny object.

**Parameters:**value - the float to insert into this DynAny object **Throws:** [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html) - if the value inserted is not consistent with the type of the accessed component in this DynAny object

### insert\_double

void **insert\_double**(double value)  
 throws [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html)

**Deprecated.** Inserts the given double as the value for this DynAny object.

If this method is called on a constructed DynAny object, it initializes the next component of the constructed data value associated with this DynAny object.

**Parameters:**value - the double to insert into this DynAny object **Throws:** [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html) - if the value inserted is not consistent with the type of the accessed component in this DynAny object

### insert\_string

void **insert\_string**([String](http://docs.google.com/java/lang/String.html) value)  
 throws [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html)

**Deprecated.** Inserts the given String object as the value for this DynAny object.

If this method is called on a constructed DynAny object, it initializes the next component of the constructed data value associated with this DynAny object.

**Parameters:**value - the String to insert into this DynAny object **Throws:** [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html) - if the value inserted is not consistent with the type of the accessed component in this DynAny object

### insert\_reference

void **insert\_reference**([Object](http://docs.google.com/org/omg/CORBA/Object.html) value)  
 throws [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html)

**Deprecated.** Inserts the given org.omg.CORBA.Object as the value for this DynAny object.

If this method is called on a constructed DynAny object, it initializes the next component of the constructed data value associated with this DynAny object.

**Parameters:**value - the org.omg.CORBA.Object to insert into this DynAny object **Throws:** [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html) - if the value inserted is not consistent with the type of the accessed component in this DynAny object

### insert\_typecode

void **insert\_typecode**([TypeCode](http://docs.google.com/org/omg/CORBA/TypeCode.html) value)  
 throws [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html)

**Deprecated.** Inserts the given org.omg.CORBA.TypeCode as the value for this DynAny object.

If this method is called on a constructed DynAny object, it initializes the next component of the constructed data value associated with this DynAny object.

**Parameters:**value - the org.omg.CORBA.TypeCode to insert into this DynAny object **Throws:** [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html) - if the value inserted is not consistent with the type of the accessed component in this DynAny object

### insert\_longlong

void **insert\_longlong**(long value)  
 throws [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html)

**Deprecated.** Inserts the given long as the value for this DynAny object.

If this method is called on a constructed DynAny object, it initializes the next component of the constructed data value associated with this DynAny object.

**Parameters:**value - the long to insert into this DynAny object **Throws:** [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html) - if the value inserted is not consistent with the type of the accessed component in this DynAny object

### insert\_ulonglong

void **insert\_ulonglong**(long value)  
 throws [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html)

**Deprecated.** Inserts the given long as the value for this DynAny object.

If this method is called on a constructed DynAny object, it initializes the next component of the constructed data value associated with this DynAny object.

**Parameters:**value - the long to insert into this DynAny object **Throws:** [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html) - if the value inserted is not consistent with the type of the accessed component in this DynAny object

### insert\_wchar

void **insert\_wchar**(char value)  
 throws [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html)

**Deprecated.** Inserts the given char as the value for this DynAny object.

If this method is called on a constructed DynAny object, it initializes the next component of the constructed data value associated with this DynAny object.

**Parameters:**value - the char to insert into this DynAny object **Throws:** [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html) - if the value inserted is not consistent with the type of the accessed component in this DynAny object

### insert\_wstring

void **insert\_wstring**([String](http://docs.google.com/java/lang/String.html) value)  
 throws [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html)

**Deprecated.** Inserts the given String as the value for this DynAny object.

If this method is called on a constructed DynAny object, it initializes the next component of the constructed data value associated with this DynAny object.

**Parameters:**value - the String to insert into this DynAny object **Throws:** [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html) - if the value inserted is not consistent with the type of the accessed component in this DynAny object

### insert\_any

void **insert\_any**([Any](http://docs.google.com/org/omg/CORBA/Any.html) value)  
 throws [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html)

**Deprecated.** Inserts the given org.omg.CORBA.Any object as the value for this DynAny object.

If this method is called on a constructed DynAny object, it initializes the next component of the constructed data value associated with this DynAny object.

**Parameters:**value - the org.omg.CORBA.Any object to insert into this DynAny object **Throws:** [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html) - if the value inserted is not consistent with the type of the accessed component in this DynAny object

### insert\_val

void **insert\_val**([Serializable](http://docs.google.com/java/io/Serializable.html) value)  
 throws [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html)

**Deprecated.** Inserts the given java.io.Serializable object as the value for this DynAny object.

If this method is called on a constructed DynAny object, it initializes the next component of the constructed data value associated with this DynAny object.

**Parameters:**value - the java.io.Serializable object to insert into this DynAny object **Throws:** [InvalidValue](http://docs.google.com/org/omg/CORBA/DynAnyPackage/InvalidValue.html) - if the value inserted is not consistent with the type of the accessed component in this DynAny object

### get\_val

[Serializable](http://docs.google.com/java/io/Serializable.html) **get\_val**()  
 throws [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html)

**Deprecated.** Retrieves the java.io.Serializable object contained in this DynAny object.

**Returns:**the java.io.Serializable object that is the value for this DynAny object **Throws:** [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html) - if the type code of the accessed component in this DynAny object is not equivalent to the type code for a java.io.Serializable object

### get\_boolean

boolean **get\_boolean**()  
 throws [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html)

**Deprecated.** Retrieves the boolean contained in this DynAny object.

**Returns:**the boolean that is the value for this DynAny object **Throws:** [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html) - if the type code of the accessed component in this DynAny object is not equivalent to the type code for a boolean

### get\_octet

byte **get\_octet**()  
 throws [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html)

**Deprecated.** Retrieves the byte contained in this DynAny object.

**Returns:**the byte that is the value for this DynAny object **Throws:** [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html) - if the type code of the accessed component in this DynAny object is not equivalent to the type code for a byte

### get\_char

char **get\_char**()  
 throws [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html)

**Deprecated.** Retrieves the char contained in this DynAny object.

**Returns:**the char that is the value for this DynAny object **Throws:** [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html) - if the type code of the accessed component in this DynAny object is not equivalent to the type code for a char

### get\_short

short **get\_short**()  
 throws [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html)

**Deprecated.** Retrieves the short contained in this DynAny object.

**Returns:**the short that is the value for this DynAny object **Throws:** [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html) - if the type code of the accessed component in this DynAny object is not equivalent to the type code for a short

### get\_ushort

short **get\_ushort**()  
 throws [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html)

**Deprecated.** Retrieves the short contained in this DynAny object.

**Returns:**the short that is the value for this DynAny object **Throws:** [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html) - if the type code of the accessed component in this DynAny object is not equivalent to the type code for a short

### get\_long

int **get\_long**()  
 throws [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html)

**Deprecated.** Retrieves the int contained in this DynAny object.

**Returns:**the int that is the value for this DynAny object **Throws:** [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html) - if the type code of the accessed component in this DynAny object is not equivalent to the type code for a int

### get\_ulong

int **get\_ulong**()  
 throws [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html)

**Deprecated.** Retrieves the int contained in this DynAny object.

**Returns:**the int that is the value for this DynAny object **Throws:** [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html) - if the type code of the accessed component in this DynAny object is not equivalent to the type code for a int

### get\_float

float **get\_float**()  
 throws [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html)

**Deprecated.** Retrieves the float contained in this DynAny object.

**Returns:**the float that is the value for this DynAny object **Throws:** [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html) - if the type code of the accessed component in this DynAny object is not equivalent to the type code for a float

### get\_double

double **get\_double**()  
 throws [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html)

**Deprecated.** Retrieves the double contained in this DynAny object.

**Returns:**the double that is the value for this DynAny object **Throws:** [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html) - if the type code of the accessed component in this DynAny object is not equivalent to the type code for a double

### get\_string

[String](http://docs.google.com/java/lang/String.html) **get\_string**()  
 throws [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html)

**Deprecated.** Retrieves the String contained in this DynAny object.

**Returns:**the String that is the value for this DynAny object **Throws:** [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html) - if the type code of the accessed component in this DynAny object is not equivalent to the type code for a String

### get\_reference

[Object](http://docs.google.com/org/omg/CORBA/Object.html) **get\_reference**()  
 throws [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html)

**Deprecated.** Retrieves the org.omg.CORBA.Other contained in this DynAny object.

**Returns:**the org.omg.CORBA.Other that is the value for this DynAny object **Throws:** [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html) - if the type code of the accessed component in this DynAny object is not equivalent to the type code for an org.omg.CORBA.Other

### get\_typecode

[TypeCode](http://docs.google.com/org/omg/CORBA/TypeCode.html) **get\_typecode**()  
 throws [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html)

**Deprecated.** Retrieves the org.omg.CORBA.TypeCode contained in this DynAny object.

**Returns:**the org.omg.CORBA.TypeCode that is the value for this DynAny object **Throws:** [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html) - if the type code of the accessed component in this DynAny object is not equivalent to the type code for a org.omg.CORBA.TypeCode

### get\_longlong

long **get\_longlong**()  
 throws [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html)

**Deprecated.** Retrieves the long contained in this DynAny object.

**Returns:**the long that is the value for this DynAny object **Throws:** [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html) - if the type code of the accessed component in this DynAny object is not equivalent to the type code for a long

### get\_ulonglong

long **get\_ulonglong**()  
 throws [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html)

**Deprecated.** Retrieves the long contained in this DynAny object.

**Returns:**the long that is the value for this DynAny object **Throws:** [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html) - if the type code of the accessed component in this DynAny object is not equivalent to the type code for a long

### get\_wchar

char **get\_wchar**()  
 throws [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html)

**Deprecated.** Retrieves the char contained in this DynAny object.

**Returns:**the char that is the value for this DynAny object **Throws:** [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html) - if the type code of the accessed component in this DynAny object is not equivalent to the type code for a char

### get\_wstring

[String](http://docs.google.com/java/lang/String.html) **get\_wstring**()  
 throws [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html)

**Deprecated.** Retrieves the String contained in this DynAny object.

**Returns:**the String that is the value for this DynAny object **Throws:** [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html) - if the type code of the accessed component in this DynAny object is not equivalent to the type code for a String

### get\_any

[Any](http://docs.google.com/org/omg/CORBA/Any.html) **get\_any**()  
 throws [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html)

**Deprecated.** Retrieves the org.omg.CORBA.Any contained in this DynAny object.

**Returns:**the org.omg.CORBA.Any that is the value for this DynAny object **Throws:** [TypeMismatch](http://docs.google.com/org/omg/CORBA/DynAnyPackage/TypeMismatch.html) - if the type code of the accessed component in this DynAny object is not equivalent to the type code for an org.omg.CORBA.Any

### current\_component

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

**Deprecated.** Returns a DynAny object reference that can be used to get/set the value of the component currently accessed. The appropriate insert method can be called on the resulting DynAny object to initialize the component. The appropriate get method can be called on the resulting DynAny object to extract the value of the component.

**Returns:**a DynAny object reference that can be used to retrieve or set the value of the component currently accessed

### next

boolean **next**()

**Deprecated.** Moves to the next component of this DynAny object. This method is used for iterating through the components of a constructed type, effectively moving a pointer from one component to the next. The pointer starts out on the first component when a DynAny object is created.

**Returns:**true if the pointer points to a component; false if there are no more components or this DynAny is associated with a basic type rather than a constructed type

### seek

boolean **seek**(int index)

**Deprecated.** Moves the internal pointer to the given index. Logically, this method sets a new offset for this pointer.

**Parameters:**index - an int indicating the position to which the pointer should move. The first position is 0. **Returns:**true if the pointer points to a component; false if there is no component at the designated index. If this DynAny object is associated with a basic type, this method returns false for any index other than 0.

### rewind

void **rewind**()

**Deprecated.** Moves the internal pointer to the first component.

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

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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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