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

## **org.omg.DynamicAny**

Interface DynValueBoxOperations

**All Superinterfaces:** [DynAnyOperations](http://docs.google.com/org/omg/DynamicAny/DynAnyOperations.html), [DynValueCommonOperations](http://docs.google.com/org/omg/DynamicAny/DynValueCommonOperations.html) **All Known Subinterfaces:** [DynValueBox](http://docs.google.com/org/omg/DynamicAny/DynValueBox.html)

public interface **DynValueBoxOperations**extends [DynValueCommonOperations](http://docs.google.com/org/omg/DynamicAny/DynValueCommonOperations.html)

DynValueBox objects support the manipulation of IDL boxed value types. The DynValueBox interface can represent both null and non-null value types. For a DynValueBox representing a non-null value type, the DynValueBox has a single component of the boxed type. A DynValueBox representing a null value type has no components and a current position of -1.

| **Method Summary** | |
| --- | --- |
| [DynAny](http://docs.google.com/org/omg/DynamicAny/DynAny.html) | [**get\_boxed\_value\_as\_dyn\_any**](http://docs.google.com/org/omg/DynamicAny/DynValueBoxOperations.html#get_boxed_value_as_dyn_any())()            Returns the boxed value as a DynAny. |
| [Any](http://docs.google.com/org/omg/CORBA/Any.html) | [**get\_boxed\_value**](http://docs.google.com/org/omg/DynamicAny/DynValueBoxOperations.html#get_boxed_value())()            Returns the boxed value as an Any. |
| void | [**set\_boxed\_value\_as\_dyn\_any**](http://docs.google.com/org/omg/DynamicAny/DynValueBoxOperations.html#set_boxed_value_as_dyn_any(org.omg.DynamicAny.DynAny))([DynAny](http://docs.google.com/org/omg/DynamicAny/DynAny.html) boxed)            Replaces the boxed value with the value contained in the parameter. |
| void | [**set\_boxed\_value**](http://docs.google.com/org/omg/DynamicAny/DynValueBoxOperations.html#set_boxed_value(org.omg.CORBA.Any))([Any](http://docs.google.com/org/omg/CORBA/Any.html) boxed)            Replaces the boxed value with the specified value. |

| **Methods inherited from interface org.omg.DynamicAny.**[**DynValueCommonOperations**](http://docs.google.com/org/omg/DynamicAny/DynValueCommonOperations.html) |
| --- |
| [is\_null](http://docs.google.com/org/omg/DynamicAny/DynValueCommonOperations.html#is_null()), [set\_to\_null](http://docs.google.com/org/omg/DynamicAny/DynValueCommonOperations.html#set_to_null()), [set\_to\_value](http://docs.google.com/org/omg/DynamicAny/DynValueCommonOperations.html#set_to_value()) |

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

| **Method Detail** |
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### get\_boxed\_value

[Any](http://docs.google.com/org/omg/CORBA/Any.html) **get\_boxed\_value**()  
 throws [InvalidValue](http://docs.google.com/org/omg/DynamicAny/DynAnyPackage/InvalidValue.html)

Returns the boxed value as an Any.

**Throws:** InvalidValue - if this object represents a null value box type

### set\_boxed\_value

void **set\_boxed\_value**([Any](http://docs.google.com/org/omg/CORBA/Any.html) boxed)  
 throws [TypeMismatch](http://docs.google.com/org/omg/DynamicAny/DynAnyPackage/TypeMismatch.html)

Replaces the boxed value with the specified value. If the DynBoxedValue represents a null valuetype, it is converted to a non-null value.

**Throws:** TypeMismatch - if this object represents a non-null value box type and the type of the parameter is not matching the current boxed value type.

### get\_boxed\_value\_as\_dyn\_any

[DynAny](http://docs.google.com/org/omg/DynamicAny/DynAny.html) **get\_boxed\_value\_as\_dyn\_any**()  
 throws [InvalidValue](http://docs.google.com/org/omg/DynamicAny/DynAnyPackage/InvalidValue.html)

Returns the boxed value as a DynAny.

**Throws:** InvalidValue - if this object represents a null value box type

### set\_boxed\_value\_as\_dyn\_any

void **set\_boxed\_value\_as\_dyn\_any**([DynAny](http://docs.google.com/org/omg/DynamicAny/DynAny.html) boxed)  
 throws [TypeMismatch](http://docs.google.com/org/omg/DynamicAny/DynAnyPackage/TypeMismatch.html)

Replaces the boxed value with the value contained in the parameter. If the DynBoxedValue represents a null valuetype, it is converted to a non-null value.

**Throws:** TypeMismatch - if this object represents a non-null value box type and the type of the parameter is not matching the current boxed value type.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DynValueBoxOperations.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/DynamicAny/DynValueBox.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/DynamicAny/DynValueCommon.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/DynamicAny/DynValueBoxOperations.html)    [**NO FRAMES**](http://docs.google.com/DynValueBoxOperations.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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