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

## **org.omg.DynamicAny**

Interface DynArrayOperations

**All Superinterfaces:** [DynAnyOperations](http://docs.google.com/org/omg/DynamicAny/DynAnyOperations.html) **All Known Subinterfaces:** [DynArray](http://docs.google.com/org/omg/DynamicAny/DynArray.html) **All Known Implementing Classes:** [\_DynArrayStub](http://docs.google.com/org/omg/DynamicAny/_DynArrayStub.html)

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

DynArray objects support the manipulation of IDL arrays. Note that the dimension of the array is contained in the TypeCode which is accessible through the type attribute. It can also be obtained by calling the component\_count operation.

| **Method Summary** | |
| --- | --- |
| [DynAny](http://docs.google.com/org/omg/DynamicAny/DynAny.html)[] | [**get\_elements\_as\_dyn\_any**](http://docs.google.com/org/omg/DynamicAny/DynArrayOperations.html#get_elements_as_dyn_any())()            Returns the elements of the DynArray as DynAnys. |
| [Any](http://docs.google.com/org/omg/CORBA/Any.html)[] | [**get\_elements**](http://docs.google.com/org/omg/DynamicAny/DynArrayOperations.html#get_elements())()            Returns the elements of the DynArray. |
| void | [**set\_elements\_as\_dyn\_any**](http://docs.google.com/org/omg/DynamicAny/DynArrayOperations.html#set_elements_as_dyn_any(org.omg.DynamicAny.DynAny%5B%5D))([DynAny](http://docs.google.com/org/omg/DynamicAny/DynAny.html)[] value)            Sets the DynArray to contain the passed elements. |
| void | [**set\_elements**](http://docs.google.com/org/omg/DynamicAny/DynArrayOperations.html#set_elements(org.omg.CORBA.Any%5B%5D))([Any](http://docs.google.com/org/omg/CORBA/Any.html)[] value)            Sets the DynArray to contain the passed elements. |

| **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** |
| --- |

### get\_elements

[Any](http://docs.google.com/org/omg/CORBA/Any.html)[] **get\_elements**()

Returns the elements of the DynArray.

### set\_elements

void **set\_elements**([Any](http://docs.google.com/org/omg/CORBA/Any.html)[] value)  
 throws [TypeMismatch](http://docs.google.com/org/omg/DynamicAny/DynAnyPackage/TypeMismatch.html),  
 [InvalidValue](http://docs.google.com/org/omg/DynamicAny/DynAnyPackage/InvalidValue.html)

Sets the DynArray to contain the passed elements.

**Throws:** TypeMismatch - if one or more elements have a type that is inconsistent with the DynArrays TypeCode InvalidValue - if the sequence does not contain the same number of elements as the array dimension

### get\_elements\_as\_dyn\_any

[DynAny](http://docs.google.com/org/omg/DynamicAny/DynAny.html)[] **get\_elements\_as\_dyn\_any**()

Returns the elements of the DynArray as DynAnys.

### set\_elements\_as\_dyn\_any

void **set\_elements\_as\_dyn\_any**([DynAny](http://docs.google.com/org/omg/DynamicAny/DynAny.html)[] value)  
 throws [TypeMismatch](http://docs.google.com/org/omg/DynamicAny/DynAnyPackage/TypeMismatch.html),  
 [InvalidValue](http://docs.google.com/org/omg/DynamicAny/DynAnyPackage/InvalidValue.html)

Sets the DynArray to contain the passed elements.

**Throws:** TypeMismatch - if one or more elements have a type that is inconsistent with the DynArrays TypeCode InvalidValue - if the sequence does not contain the same number of elements as the array dimension

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

[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.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).