| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DynValueHelper.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/DynValueCommonOperations.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/DynamicAny/DynValueOperations.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/DynamicAny/DynValueHelper.html)    [**NO FRAMES**](http://docs.google.com/DynValueHelper.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **org.omg.DynamicAny**

Class DynValueHelper

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

public abstract class **DynValueHelper**extends [Object](http://docs.google.com/java/lang/Object.html)

DynValue objects support the manipulation of IDL non-boxed value types. The DynValue interface can represent both null and non-null value types. For a DynValue representing a non-null value type, the DynValue's components comprise the public and private members of the value type, including those inherited from concrete base value types, in the order of definition. A DynValue representing a null value type has no components and a current position of -1.

Warning: Indiscriminantly changing the contents of private value type members can cause the value type implementation to break by violating internal constraints. Access to private members is provided to support such activities as ORB bridging and debugging and should not be used to arbitrarily violate the encapsulation of the value type.

| **Constructor Summary** | |
| --- | --- |
| [**DynValueHelper**](http://docs.google.com/org/omg/DynamicAny/DynValueHelper.html#DynValueHelper())() |

| **Method Summary** | |
| --- | --- |
| static [DynValue](http://docs.google.com/org/omg/DynamicAny/DynValue.html) | [**extract**](http://docs.google.com/org/omg/DynamicAny/DynValueHelper.html#extract(org.omg.CORBA.Any))([Any](http://docs.google.com/org/omg/CORBA/Any.html) a) |
| static [String](http://docs.google.com/java/lang/String.html) | [**id**](http://docs.google.com/org/omg/DynamicAny/DynValueHelper.html#id())() |
| static void | [**insert**](http://docs.google.com/org/omg/DynamicAny/DynValueHelper.html#insert(org.omg.CORBA.Any,%20org.omg.DynamicAny.DynValue))([Any](http://docs.google.com/org/omg/CORBA/Any.html) a, [DynValue](http://docs.google.com/org/omg/DynamicAny/DynValue.html) that) |
| static [DynValue](http://docs.google.com/org/omg/DynamicAny/DynValue.html) | [**narrow**](http://docs.google.com/org/omg/DynamicAny/DynValueHelper.html#narrow(org.omg.CORBA.Object))([Object](http://docs.google.com/org/omg/CORBA/Object.html) obj) |
| static [DynValue](http://docs.google.com/org/omg/DynamicAny/DynValue.html) | [**read**](http://docs.google.com/org/omg/DynamicAny/DynValueHelper.html#read(org.omg.CORBA.portable.InputStream))([InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) istream) |
| static [TypeCode](http://docs.google.com/org/omg/CORBA/TypeCode.html) | [**type**](http://docs.google.com/org/omg/DynamicAny/DynValueHelper.html#type())() |
| static [DynValue](http://docs.google.com/org/omg/DynamicAny/DynValue.html) | [**unchecked\_narrow**](http://docs.google.com/org/omg/DynamicAny/DynValueHelper.html#unchecked_narrow(org.omg.CORBA.Object))([Object](http://docs.google.com/org/omg/CORBA/Object.html) obj) |
| static void | [**write**](http://docs.google.com/org/omg/DynamicAny/DynValueHelper.html#write(org.omg.CORBA.portable.OutputStream,%20org.omg.DynamicAny.DynValue))([OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) ostream, [DynValue](http://docs.google.com/org/omg/DynamicAny/DynValue.html) value) |

| **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)) |

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

### DynValueHelper

public **DynValueHelper**()

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

### insert

public static void **insert**([Any](http://docs.google.com/org/omg/CORBA/Any.html) a,  
 [DynValue](http://docs.google.com/org/omg/DynamicAny/DynValue.html) that)

### extract

public static [DynValue](http://docs.google.com/org/omg/DynamicAny/DynValue.html) **extract**([Any](http://docs.google.com/org/omg/CORBA/Any.html) a)

### type

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

### id

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

### read

public static [DynValue](http://docs.google.com/org/omg/DynamicAny/DynValue.html) **read**([InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) istream)

### write

public static void **write**([OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) ostream,  
 [DynValue](http://docs.google.com/org/omg/DynamicAny/DynValue.html) value)

### narrow

public static [DynValue](http://docs.google.com/org/omg/DynamicAny/DynValue.html) **narrow**([Object](http://docs.google.com/org/omg/CORBA/Object.html) obj)

### unchecked\_narrow

public static [DynValue](http://docs.google.com/org/omg/DynamicAny/DynValue.html) **unchecked\_narrow**([Object](http://docs.google.com/org/omg/CORBA/Object.html) obj)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DynValueHelper.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/DynValueCommonOperations.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/DynamicAny/DynValueOperations.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/DynamicAny/DynValueHelper.html)    [**NO FRAMES**](http://docs.google.com/DynValueHelper.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

[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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