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

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

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

DynAny objects can be created by invoking operations on the DynAnyFactory object. Generally there are only two ways to create a DynAny object:

* invoking an operation on an existing DynAny object
* invoking an operation on a DynAnyFactory object

A constructed DynAny object supports operations that enable the creation of new DynAny objects encapsulating access to the value of some constituent. DynAny objects also support the copy operation for creating new DynAny objects. A reference to the DynAnyFactory object is obtained by calling ORB.resolve\_initial\_references() with the identifier parameter set to the string constant "DynAnyFactory".

Dynamic interpretation of an any usually involves creating a DynAny object using create\_dyn\_any() as the first step. Depending on the type of the any, the resulting DynAny object reference can be narrowed to a DynFixed, DynStruct, DynSequence, DynArray, DynUnion, DynEnum, or DynValue object reference.

Dynamic creation of an any involves creating a DynAny object using create\_dyn\_any\_from\_type\_code(), passing the TypeCode associated with the value to be created. The returned reference is narrowed to one of the complex types, such as DynStruct, if appropriate. Then, the value can be initialized by means of invoking operations on the resulting object. Finally, the to\_any operation can be invoked to create an any value from the constructed DynAny.

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

| **Method Summary** | |
| --- | --- |
| static [DynAnyFactory](http://docs.google.com/org/omg/DynamicAny/DynAnyFactory.html) | [**extract**](http://docs.google.com/org/omg/DynamicAny/DynAnyFactoryHelper.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/DynAnyFactoryHelper.html#id())() |
| static void | [**insert**](http://docs.google.com/org/omg/DynamicAny/DynAnyFactoryHelper.html#insert(org.omg.CORBA.Any,%20org.omg.DynamicAny.DynAnyFactory))([Any](http://docs.google.com/org/omg/CORBA/Any.html) a, [DynAnyFactory](http://docs.google.com/org/omg/DynamicAny/DynAnyFactory.html) that) |
| static [DynAnyFactory](http://docs.google.com/org/omg/DynamicAny/DynAnyFactory.html) | [**narrow**](http://docs.google.com/org/omg/DynamicAny/DynAnyFactoryHelper.html#narrow(org.omg.CORBA.Object))([Object](http://docs.google.com/org/omg/CORBA/Object.html) obj) |
| static [DynAnyFactory](http://docs.google.com/org/omg/DynamicAny/DynAnyFactory.html) | [**read**](http://docs.google.com/org/omg/DynamicAny/DynAnyFactoryHelper.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/DynAnyFactoryHelper.html#type())() |
| static [DynAnyFactory](http://docs.google.com/org/omg/DynamicAny/DynAnyFactory.html) | [**unchecked\_narrow**](http://docs.google.com/org/omg/DynamicAny/DynAnyFactoryHelper.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/DynAnyFactoryHelper.html#write(org.omg.CORBA.portable.OutputStream,%20org.omg.DynamicAny.DynAnyFactory))([OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) ostream, [DynAnyFactory](http://docs.google.com/org/omg/DynamicAny/DynAnyFactory.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** |
| --- |

### DynAnyFactoryHelper

public **DynAnyFactoryHelper**()

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

### insert

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

### extract

public static [DynAnyFactory](http://docs.google.com/org/omg/DynamicAny/DynAnyFactory.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 [DynAnyFactory](http://docs.google.com/org/omg/DynamicAny/DynAnyFactory.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,  
 [DynAnyFactory](http://docs.google.com/org/omg/DynamicAny/DynAnyFactory.html) value)

### narrow

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

### unchecked\_narrow

public static [DynAnyFactory](http://docs.google.com/org/omg/DynamicAny/DynAnyFactory.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/DynAnyFactoryHelper.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*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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[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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