| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DefinitionKind.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/DataOutputStream.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/CORBA/DefinitionKindHelper.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/CORBA/DefinitionKind.html)    [**NO FRAMES**](http://docs.google.com/DefinitionKind.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#3ygebqi) | [METHOD](#sqyw64) |

## **org.omg.CORBA**

Class DefinitionKind

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

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [IDLEntity](http://docs.google.com/org/omg/CORBA/portable/IDLEntity.html)

public class **DefinitionKind**extends [Object](http://docs.google.com/java/lang/Object.html)implements [IDLEntity](http://docs.google.com/org/omg/CORBA/portable/IDLEntity.html)

The class that provides the constants used to identify the type of an Interface Repository object. This class contains two kinds of constants, those that are an int and those that are an instance of the class DefinitionKind. This class provides the method from\_int, which given one of the int constants, creates the corresponding DefinitionKind instance. It also provides the method value, which returns the int constant that is the value for a DefinitionKind instance.

**See Also:**[IRObject](http://docs.google.com/org/omg/CORBA/IRObject.html)

| **Field Summary** | |
| --- | --- |
| static int | [**\_dk\_AbstractInterface**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_AbstractInterface)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_Alias**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_Alias)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_all**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_all)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_Array**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_Array)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_Attribute**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_Attribute)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_Constant**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_Constant)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_Enum**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_Enum)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_Exception**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_Exception)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_Fixed**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_Fixed)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_Interface**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_Interface)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_Module**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_Module)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_Native**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_Native)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_none**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_none)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_Operation**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_Operation)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_Primitive**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_Primitive)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_Repository**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_Repository)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_Sequence**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_Sequence)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_String**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_String)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_Struct**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_Struct)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_Typedef**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_Typedef)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_Union**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_Union)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_Value**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_Value)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_ValueBox**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_ValueBox)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_ValueMember**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_ValueMember)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static int | [**\_dk\_Wstring**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#_dk_Wstring)            The constant that indicates that an Interface Repository object does not have a definition kind. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_AbstractInterface**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_AbstractInterface)            The static instance of DefinitionKind indicating that an Interface Repository object represents an abstract interface. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_Alias**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_Alias)            The static instance of DefinitionKind indicating that an Interface Repository object is an Alias. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_all**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_all)            The wildcard DefinitionKind constant, useful in all occasions where any DefinitionKind is appropriate. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_Array**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_Array)            The static instance of DefinitionKind indicating that an Interface Repository object is an Array. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_Attribute**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_Attribute)            The static instance of DefinitionKind indicating that an Interface Repository object is an Attribute. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_Constant**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_Constant)            The static instance of DefinitionKind indicating that an Interface Repository object is a constant. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_Enum**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_Enum)            The static instance of DefinitionKind indicating that an Interface Repository object is an Enum. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_Exception**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_Exception)            The static instance of DefinitionKind indicating that an Interface Repository object is an Exception. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_Fixed**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_Fixed)            The static instance of DefinitionKind indicating that an Interface Repository object is a Fixed value. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_Interface**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_Interface)            The static instance of DefinitionKind indicating that an Interface Repository object is an Interface. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_Module**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_Module)            The static instance of DefinitionKind indicating that an Interface Repository object is a Module. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_Native**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_Native)            The static instance of DefinitionKind indicating that an Interface Repository object is a Native value. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_none**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_none)            The static instance of DefinitionKind indicating that an Interface Repository object has no definition kind. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_Operation**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_Operation)            The static instance of DefinitionKind indicating that an Interface Repository object is an Operation. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_Primitive**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_Primitive)            The static instance of DefinitionKind indicating that an Interface Repository object is a Primitive. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_Repository**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_Repository)            The static instance of DefinitionKind indicating that an Interface Repository object is a Repository. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_Sequence**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_Sequence)            The static instance of DefinitionKind indicating that an Interface Repository object is a Sequence. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_String**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_String)            The static instance of DefinitionKind indicating that an Interface Repository object is a String. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_Struct**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_Struct)            The static instance of DefinitionKind indicating that an Interface Repository object is a Struct. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_Typedef**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_Typedef)            The static instance of DefinitionKind indicating that an Interface Repository object is a Typedef. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_Union**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_Union)            The static instance of DefinitionKind indicating that an Interface Repository object is a Union. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_Value**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_Value)            The static instance of DefinitionKind indicating that an Interface Repository object is a Value. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_ValueBox**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_ValueBox)            The static instance of DefinitionKind indicating that an Interface Repository object is a ValueBox. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_ValueMember**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_ValueMember)            The static instance of DefinitionKind indicating that an Interface Repository object is a ValueMember. |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**dk\_Wstring**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#dk_Wstring)            The static instance of DefinitionKind indicating that an Interface Repository object is a Wstring. |

| **Constructor Summary** | |
| --- | --- |
| protected | [**DefinitionKind**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#DefinitionKind(int))(int \_value)            Constructs a DefinitionKind object with its \_value field initialized with the given value. |

| **Method Summary** | |
| --- | --- |
| static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) | [**from\_int**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#from_int(int))(int i)            Creates a DefinitionKind instance corresponding to the given code . |
| int | [**value**](http://docs.google.com/org/omg/CORBA/DefinitionKind.html#value())()            Returns the int constant identifying the type of an IR object. |

| **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)) |

| **Field Detail** |
| --- |

### \_dk\_none

public static final int **\_dk\_none**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_none)

### \_dk\_all

public static final int **\_dk\_all**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_all)

### \_dk\_Attribute

public static final int **\_dk\_Attribute**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_Attribute)

### \_dk\_Constant

public static final int **\_dk\_Constant**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_Constant)

### \_dk\_Exception

public static final int **\_dk\_Exception**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_Exception)

### \_dk\_Interface

public static final int **\_dk\_Interface**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_Interface)

### \_dk\_Module

public static final int **\_dk\_Module**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_Module)

### \_dk\_Operation

public static final int **\_dk\_Operation**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_Operation)

### \_dk\_Typedef

public static final int **\_dk\_Typedef**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_Typedef)

### \_dk\_Alias

public static final int **\_dk\_Alias**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_Alias)

### \_dk\_Struct

public static final int **\_dk\_Struct**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_Struct)

### \_dk\_Union

public static final int **\_dk\_Union**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_Union)

### \_dk\_Enum

public static final int **\_dk\_Enum**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_Enum)

### \_dk\_Primitive

public static final int **\_dk\_Primitive**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_Primitive)

### \_dk\_String

public static final int **\_dk\_String**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_String)

### \_dk\_Sequence

public static final int **\_dk\_Sequence**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_Sequence)

### \_dk\_Array

public static final int **\_dk\_Array**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_Array)

### \_dk\_Repository

public static final int **\_dk\_Repository**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_Repository)

### \_dk\_Wstring

public static final int **\_dk\_Wstring**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_Wstring)

### \_dk\_Fixed

public static final int **\_dk\_Fixed**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_Fixed)

### \_dk\_Value

public static final int **\_dk\_Value**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_Value)

### \_dk\_ValueBox

public static final int **\_dk\_ValueBox**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_ValueBox)

### \_dk\_ValueMember

public static final int **\_dk\_ValueMember**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_ValueMember)

### \_dk\_Native

public static final int **\_dk\_Native**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_Native)

### \_dk\_AbstractInterface

public static final int **\_dk\_AbstractInterface**

The constant that indicates that an Interface Repository object does not have a definition kind.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.omg.CORBA.DefinitionKind._dk_AbstractInterface)

### dk\_none

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_none**

The static instance of DefinitionKind indicating that an Interface Repository object has no definition kind.

### dk\_all

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_all**

The wildcard DefinitionKind constant, useful in all occasions where any DefinitionKind is appropriate. The Container's contents method makes use of this constant to return all contained definitions of any kind.

### dk\_Attribute

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_Attribute**

The static instance of DefinitionKind indicating that an Interface Repository object is an Attribute.

### dk\_Constant

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_Constant**

The static instance of DefinitionKind indicating that an Interface Repository object is a constant.

### dk\_Exception

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_Exception**

The static instance of DefinitionKind indicating that an Interface Repository object is an Exception.

### dk\_Interface

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_Interface**

The static instance of DefinitionKind indicating that an Interface Repository object is an Interface.

### dk\_Module

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_Module**

The static instance of DefinitionKind indicating that an Interface Repository object is a Module.

### dk\_Operation

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_Operation**

The static instance of DefinitionKind indicating that an Interface Repository object is an Operation.

### dk\_Typedef

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_Typedef**

The static instance of DefinitionKind indicating that an Interface Repository object is a Typedef.

### dk\_Alias

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_Alias**

The static instance of DefinitionKind indicating that an Interface Repository object is an Alias.

### dk\_Struct

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_Struct**

The static instance of DefinitionKind indicating that an Interface Repository object is a Struct.

### dk\_Union

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_Union**

The static instance of DefinitionKind indicating that an Interface Repository object is a Union.

### dk\_Enum

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_Enum**

The static instance of DefinitionKind indicating that an Interface Repository object is an Enum.

### dk\_Primitive

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_Primitive**

The static instance of DefinitionKind indicating that an Interface Repository object is a Primitive.

### dk\_String

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_String**

The static instance of DefinitionKind indicating that an Interface Repository object is a String.

### dk\_Sequence

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_Sequence**

The static instance of DefinitionKind indicating that an Interface Repository object is a Sequence.

### dk\_Array

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_Array**

The static instance of DefinitionKind indicating that an Interface Repository object is an Array.

### dk\_Repository

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_Repository**

The static instance of DefinitionKind indicating that an Interface Repository object is a Repository.

### dk\_Wstring

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_Wstring**

The static instance of DefinitionKind indicating that an Interface Repository object is a Wstring.

### dk\_Fixed

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_Fixed**

The static instance of DefinitionKind indicating that an Interface Repository object is a Fixed value.

### dk\_Value

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_Value**

The static instance of DefinitionKind indicating that an Interface Repository object is a Value.

### dk\_ValueBox

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_ValueBox**

The static instance of DefinitionKind indicating that an Interface Repository object is a ValueBox.

### dk\_ValueMember

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_ValueMember**

The static instance of DefinitionKind indicating that an Interface Repository object is a ValueMember.

### dk\_Native

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_Native**

The static instance of DefinitionKind indicating that an Interface Repository object is a Native value.

### dk\_AbstractInterface

public static final [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **dk\_AbstractInterface**

The static instance of DefinitionKind indicating that an Interface Repository object represents an abstract interface.

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

### DefinitionKind

protected **DefinitionKind**(int \_value)

Constructs a DefinitionKind object with its \_value field initialized with the given value.

**Parameters:**\_value - one of the int constants defined in the class DefinitionKind

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

### value

public int **value**()

Returns the int constant identifying the type of an IR object.

**Returns:**the int constant from the class DefinitionKind that is the value of this DefinitionKind instance

### from\_int

public static [DefinitionKind](http://docs.google.com/org/omg/CORBA/DefinitionKind.html) **from\_int**(int i)

Creates a DefinitionKind instance corresponding to the given code .

**Parameters:**i - one of the int constants from the class DefinitionKind **Returns:**the DefinitionKind instance corresponding to the given code **Throws:** [BAD\_PARAM](http://docs.google.com/org/omg/CORBA/BAD_PARAM.html) - if the given parameter is not one of the int constants from the class DefinitionKind

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DefinitionKind.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/DataOutputStream.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/CORBA/DefinitionKindHelper.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/CORBA/DefinitionKind.html)    [**NO FRAMES**](http://docs.google.com/DefinitionKind.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#3ygebqi) | [METHOD](#sqyw64) |

[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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