| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/org/omg/CORBA/TCKind.html) | **Use** | [**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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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?org/omg/CORBA//class-useTCKind.html)    [**NO FRAMES**](http://docs.google.com/TCKind.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**org.omg.CORBA.TCKind**

| Packages that use [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | |
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| [**org.omg.CORBA**](#3znysh7) | Provides the mapping of the OMG CORBA APIs to the JavaTM programming language, including the class ORB, which is implemented so that a programmer can use it as a fully-functional Object Request Broker (ORB). |
| [**org.omg.DynamicAny**](#2et92p0) | Provides classes and interfaces that enable traversal of the data value associated with an any at runtime, and extraction of the primitive constituents of the data value. |

| Uses of [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) in [org.omg.CORBA](http://docs.google.com/org/omg/CORBA/package-summary.html) | |
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| Fields in [org.omg.CORBA](http://docs.google.com/org/omg/CORBA/package-summary.html) declared as [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | |
| --- | --- |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_abstract\_interface**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_abstract_interface)            The TCKind constant whose value field is initialized with TCKind.\_tk\_abstract\_interface. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_alias**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_alias)            The TCKind constant whose value field is initialized with TCKind.\_tk\_alias. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_any**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_any)            The TCKind constant whose value field is initialized with TCKind.\_tk\_any. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_array**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_array)            The TCKind constant whose value field is initialized with TCKind.\_tk\_array. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_boolean**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_boolean)            The TCKind constant whose value field is initialized with TCKind.\_tk\_boolean. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_char**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_char)            The TCKind constant whose value field is initialized with TCKind.\_tk\_char. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_double**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_double)            The TCKind constant whose value field is initialized with TCKind.\_tk\_double. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_enum**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_enum)            The TCKind constant whose value field is initialized with TCKind.\_tk\_enum. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_except**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_except)            The TCKind constant whose value field is initialized with TCKind.\_tk\_except. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_fixed**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_fixed)            The TCKind constant whose value field is initialized with TCKind.\_tk\_fixed. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_float**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_float)            The TCKind constant whose value field is initialized with TCKind.\_tk\_float. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_long**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_long)            The TCKind constant whose value field is initialized with TCKind.\_tk\_long. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_longdouble**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_longdouble)            The TCKind constant whose value field is initialized with TCKind.\_tk\_longdouble. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_longlong**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_longlong)            The TCKind constant whose value field is initialized with TCKind.\_tk\_longlong. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_native**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_native)            The TCKind constant whose value field is initialized with TCKind.\_tk\_native. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_null**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_null)            The TCKind constant whose value field is initialized with TCKind.\_tk\_null. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_objref**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_objref)            The TCKind constant whose value field is initialized with TCKind.\_tk\_objref. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_octet**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_octet)            The TCKind constant whose value field is initialized with TCKind.\_tk\_octet. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_Principal**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_Principal)            The TCKind constant whose value field is initialized with TCKind.\_tk\_Principal. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_sequence**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_sequence)            The TCKind constant whose value field is initialized with TCKind.\_tk\_sequence. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_short**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_short)            The TCKind constant whose value field is initialized with TCKind.\_tk\_short. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_string**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_string)            The TCKind constant whose value field is initialized with TCKind.\_tk\_string. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_struct**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_struct)            The TCKind constant whose value field is initialized with TCKind.\_tk\_struct. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_TypeCode**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_TypeCode)            The TCKind constant whose value field is initialized with TCKind.\_tk\_TypeCode. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_ulong**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_ulong)            The TCKind constant whose value field is initialized with TCKind.\_tk\_ulong. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_ulonglong**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_ulonglong)            The TCKind constant whose value field is initialized with TCKind.\_tk\_ulonglong. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_union**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_union)            The TCKind constant whose value field is initialized with TCKind.\_tk\_union. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_ushort**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_ushort)            The TCKind constant whose value field is initialized with TCKind.\_tk\_ushort. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_value**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_value)            The TCKind constant whose value field is initialized with TCKind.\_tk\_value. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_value\_box**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_value_box)            The TCKind constant whose value field is initialized with TCKind.\_tk\_value\_box. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_void**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_void)            The TCKind constant whose value field is initialized with TCKind.\_tk\_void. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_wchar**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_wchar)            The TCKind constant whose value field is initialized with TCKind.\_tk\_wchar. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**tk\_wstring**](http://docs.google.com/org/omg/CORBA/TCKind.html#tk_wstring)            The TCKind constant whose value field is initialized with TCKind.\_tk\_wstring. |

| Methods in [org.omg.CORBA](http://docs.google.com/org/omg/CORBA/package-summary.html) that return [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | |
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| [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **DynValue.**[**current\_member\_kind**](http://docs.google.com/org/omg/CORBA/DynValue.html#current_member_kind())()  **Deprecated.** Returns the TCKind object that describes the current member. |
| [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **DynStruct.**[**current\_member\_kind**](http://docs.google.com/org/omg/CORBA/DynStruct.html#current_member_kind())()  **Deprecated.** Returns the TCKind object that describes the kind of the current member. |
| [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **DynUnion.**[**discriminator\_kind**](http://docs.google.com/org/omg/CORBA/DynUnion.html#discriminator_kind())()  **Deprecated.** Returns the TCKind object associated with the discriminator of this union. |
| static [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TCKind.**[**from\_int**](http://docs.google.com/org/omg/CORBA/TCKind.html#from_int(int))(int i)            Converts the given int to the corresponding TCKind instance. |
| abstract  [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **TypeCode.**[**kind**](http://docs.google.com/org/omg/CORBA/TypeCode.html#kind())()            Retrieves the kind of this TypeCode object. |
| [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **DynUnion.**[**member\_kind**](http://docs.google.com/org/omg/CORBA/DynUnion.html#member_kind())()  **Deprecated.** Returns the TCKind associated with the member of this union. |

| Methods in [org.omg.CORBA](http://docs.google.com/org/omg/CORBA/package-summary.html) with parameters of type [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | |
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| abstract  [TypeCode](http://docs.google.com/org/omg/CORBA/TypeCode.html) | **ORB.**[**get\_primitive\_tc**](http://docs.google.com/org/omg/CORBA/ORB.html#get_primitive_tc(org.omg.CORBA.TCKind))([TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) tcKind)            Retrieves the TypeCode object that represents the given primitive IDL type. |

| Uses of [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) in [org.omg.DynamicAny](http://docs.google.com/org/omg/DynamicAny/package-summary.html) | |
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| Methods in [org.omg.DynamicAny](http://docs.google.com/org/omg/DynamicAny/package-summary.html) that return [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | |
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| [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **\_DynValueStub.**[**current\_member\_kind**](http://docs.google.com/org/omg/DynamicAny/_DynValueStub.html#current_member_kind())()            Returns the TCKind associated with the member at the current position. |
| [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **\_DynStructStub.**[**current\_member\_kind**](http://docs.google.com/org/omg/DynamicAny/_DynStructStub.html#current_member_kind())()            Returns the TCKind associated with the member at the current position. |
| [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **DynValueOperations.**[**current\_member\_kind**](http://docs.google.com/org/omg/DynamicAny/DynValueOperations.html#current_member_kind())()            Returns the TCKind associated with the member at the current position. |
| [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **DynStructOperations.**[**current\_member\_kind**](http://docs.google.com/org/omg/DynamicAny/DynStructOperations.html#current_member_kind())()            Returns the TCKind associated with the member at the current position. |
| [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **\_DynUnionStub.**[**discriminator\_kind**](http://docs.google.com/org/omg/DynamicAny/_DynUnionStub.html#discriminator_kind())()            Returns the TCKind value of the discriminators TypeCode. |
| [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **DynUnionOperations.**[**discriminator\_kind**](http://docs.google.com/org/omg/DynamicAny/DynUnionOperations.html#discriminator_kind())()            Returns the TCKind value of the discriminators TypeCode. |
| [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **\_DynUnionStub.**[**member\_kind**](http://docs.google.com/org/omg/DynamicAny/_DynUnionStub.html#member_kind())()            Returns the TCKind value of the currently active members TypeCode. |
| [TCKind](http://docs.google.com/org/omg/CORBA/TCKind.html) | **DynUnionOperations.**[**member\_kind**](http://docs.google.com/org/omg/DynamicAny/DynUnionOperations.html#member_kind())()            Returns the TCKind value of the currently active members TypeCode. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/org/omg/CORBA/TCKind.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?org/omg/CORBA//class-useTCKind.html)    [**NO FRAMES**](http://docs.google.com/TCKind.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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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