| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DropTargetContext.TransferableProxy.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/java/awt/dnd/DropTargetContext.html)   [**NEXT CLASS**](http://docs.google.com/java/awt/dnd/DropTargetDragEvent.html) | [**FRAMES**](http://docs.google.com/index.html?java/awt/dnd/DropTargetContext.TransferableProxy.html)    [**NO FRAMES**](http://docs.google.com/DropTargetContext.TransferableProxy.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | [METHOD](#2et92p0) | DETAIL: [FIELD](#3dy6vkm) | CONSTR | [METHOD](#2s8eyo1) |

## **java.awt.dnd**

Class DropTargetContext.TransferableProxy

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **java.awt.dnd.DropTargetContext.TransferableProxy**

**All Implemented Interfaces:** [Transferable](http://docs.google.com/java/awt/datatransfer/Transferable.html) **Enclosing class:**[DropTargetContext](http://docs.google.com/java/awt/dnd/DropTargetContext.html)

protected class **DropTargetContext.TransferableProxy**extends [Object](http://docs.google.com/java/lang/Object.html)implements [Transferable](http://docs.google.com/java/awt/datatransfer/Transferable.html)

TransferableProxy is a helper inner class that implements Transferable interface and serves as a proxy for another Transferable object which represents data transfer for a particular drag-n-drop operation.

The proxy forwards all requests to the encapsulated transferable and automatically performs additional conversion on the data returned by the encapsulated transferable in case of local transfer.

| **Field Summary** | |
| --- | --- |
| protected  boolean | [**isLocal**](http://docs.google.com/java/awt/dnd/DropTargetContext.TransferableProxy.html#isLocal)            A boolean indicating if the encapsulated Transferable object represents the result of local drag-n-drop operation (within the same JVM). |
| protected  [Transferable](http://docs.google.com/java/awt/datatransfer/Transferable.html) | [**transferable**](http://docs.google.com/java/awt/dnd/DropTargetContext.TransferableProxy.html#transferable)            The encapsulated Transferable object. |

| **Method Summary** | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | [**getTransferData**](http://docs.google.com/java/awt/dnd/DropTargetContext.TransferableProxy.html#getTransferData(java.awt.datatransfer.DataFlavor))([DataFlavor](http://docs.google.com/java/awt/datatransfer/DataFlavor.html) df)            Returns an object which represents the data provided by the encapsulated transferable for the requested data flavor. |
| [DataFlavor](http://docs.google.com/java/awt/datatransfer/DataFlavor.html)[] | [**getTransferDataFlavors**](http://docs.google.com/java/awt/dnd/DropTargetContext.TransferableProxy.html#getTransferDataFlavors())()            Returns an array of DataFlavor objects indicating the flavors the data can be provided in by the encapsulated transferable. |
| boolean | [**isDataFlavorSupported**](http://docs.google.com/java/awt/dnd/DropTargetContext.TransferableProxy.html#isDataFlavorSupported(java.awt.datatransfer.DataFlavor))([DataFlavor](http://docs.google.com/java/awt/datatransfer/DataFlavor.html) flavor)            Returns whether or not the specified data flavor is supported by the encapsulated transferable. |

| **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** |
| --- |

### transferable

protected [Transferable](http://docs.google.com/java/awt/datatransfer/Transferable.html) **transferable**

The encapsulated Transferable object.

### isLocal

protected boolean **isLocal**

A boolean indicating if the encapsulated Transferable object represents the result of local drag-n-drop operation (within the same JVM).

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

### getTransferDataFlavors

public [DataFlavor](http://docs.google.com/java/awt/datatransfer/DataFlavor.html)[] **getTransferDataFlavors**()

Returns an array of DataFlavor objects indicating the flavors the data can be provided in by the encapsulated transferable.

**Specified by:**[getTransferDataFlavors](http://docs.google.com/java/awt/datatransfer/Transferable.html#getTransferDataFlavors()) in interface [Transferable](http://docs.google.com/java/awt/datatransfer/Transferable.html) **Returns:**an array of data flavors in which the data can be provided by the encapsulated transferable

### isDataFlavorSupported

public boolean **isDataFlavorSupported**([DataFlavor](http://docs.google.com/java/awt/datatransfer/DataFlavor.html) flavor)

Returns whether or not the specified data flavor is supported by the encapsulated transferable.

**Specified by:**[isDataFlavorSupported](http://docs.google.com/java/awt/datatransfer/Transferable.html#isDataFlavorSupported(java.awt.datatransfer.DataFlavor)) in interface [Transferable](http://docs.google.com/java/awt/datatransfer/Transferable.html) **Parameters:**flavor - the requested flavor for the data **Returns:**true if the data flavor is supported, false otherwise

### getTransferData

public [Object](http://docs.google.com/java/lang/Object.html) **getTransferData**([DataFlavor](http://docs.google.com/java/awt/datatransfer/DataFlavor.html) df)  
 throws [UnsupportedFlavorException](http://docs.google.com/java/awt/datatransfer/UnsupportedFlavorException.html),  
 [IOException](http://docs.google.com/java/io/IOException.html)

Returns an object which represents the data provided by the encapsulated transferable for the requested data flavor.

In case of local transfer a serialized copy of the object returned by the encapsulated transferable is provided when the data is requested in application/x-java-serialized-object data flavor.

**Specified by:**[getTransferData](http://docs.google.com/java/awt/datatransfer/Transferable.html#getTransferData(java.awt.datatransfer.DataFlavor)) in interface [Transferable](http://docs.google.com/java/awt/datatransfer/Transferable.html) **Parameters:**df - the requested flavor for the data **Throws:** [IOException](http://docs.google.com/java/io/IOException.html) - if the data is no longer available in the requested flavor. [UnsupportedFlavorException](http://docs.google.com/java/awt/datatransfer/UnsupportedFlavorException.html) - if the requested data flavor is not supported.**See Also:**[DataFlavor.getRepresentationClass()](http://docs.google.com/java/awt/datatransfer/DataFlavor.html#getRepresentationClass())

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DropTargetContext.TransferableProxy.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/java/awt/dnd/DropTargetContext.html)   [**NEXT CLASS**](http://docs.google.com/java/awt/dnd/DropTargetDragEvent.html) | [**FRAMES**](http://docs.google.com/index.html?java/awt/dnd/DropTargetContext.TransferableProxy.html)    [**NO FRAMES**](http://docs.google.com/DropTargetContext.TransferableProxy.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | [METHOD](#2et92p0) | DETAIL: [FIELD](#3dy6vkm) | CONSTR | [METHOD](#2s8eyo1) |

[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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