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

## **java.awt.datatransfer**

Interface Transferable

**All Known Implementing Classes:** [DataHandler](http://docs.google.com/javax/activation/DataHandler.html), [DropTargetContext.TransferableProxy](http://docs.google.com/java/awt/dnd/DropTargetContext.TransferableProxy.html), [StringSelection](http://docs.google.com/java/awt/datatransfer/StringSelection.html)

public interface **Transferable**

Defines the interface for classes that can be used to provide data for a transfer operation.

For information on using data transfer with Swing, see  [How to Use Drag and Drop and Data Transfer](http://java.sun.com/docs/books/tutorial/uiswing/misc/dnd.html), a section in *The Java Tutorial*, for more information.

| **Method Summary** | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | [**getTransferData**](http://docs.google.com/java/awt/datatransfer/Transferable.html#getTransferData(java.awt.datatransfer.DataFlavor))([DataFlavor](http://docs.google.com/java/awt/datatransfer/DataFlavor.html) flavor)            Returns an object which represents the data to be transferred. |
| [DataFlavor](http://docs.google.com/java/awt/datatransfer/DataFlavor.html)[] | [**getTransferDataFlavors**](http://docs.google.com/java/awt/datatransfer/Transferable.html#getTransferDataFlavors())()            Returns an array of DataFlavor objects indicating the flavors the data can be provided in. |
| boolean | [**isDataFlavorSupported**](http://docs.google.com/java/awt/datatransfer/Transferable.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 for this object. |

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

### getTransferDataFlavors

[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. The array should be ordered according to preference for providing the data (from most richly descriptive to least descriptive).

**Returns:**an array of data flavors in which this data can be transferred

### isDataFlavorSupported

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

Returns whether or not the specified data flavor is supported for this object.

**Parameters:**flavor - the requested flavor for the data **Returns:**boolean indicating whether or not the data flavor is supported

### getTransferData

[Object](http://docs.google.com/java/lang/Object.html) **getTransferData**([DataFlavor](http://docs.google.com/java/awt/datatransfer/DataFlavor.html) flavor)  
 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 to be transferred. The class of the object returned is defined by the representation class of the flavor.

**Parameters:**flavor - 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/Transferable.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/datatransfer/SystemFlavorMap.html)   [**NEXT CLASS**](http://docs.google.com/java/awt/datatransfer/UnsupportedFlavorException.html) | [**FRAMES**](http://docs.google.com/index.html?java/awt/datatransfer/Transferable.html)    [**NO FRAMES**](http://docs.google.com/Transferable.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

[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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