| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/StringSelection.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/MimeTypeParseException.html)   [**NEXT CLASS**](http://docs.google.com/java/awt/datatransfer/SystemFlavorMap.html) | [**FRAMES**](http://docs.google.com/index.html?java/awt/datatransfer/StringSelection.html)    [**NO FRAMES**](http://docs.google.com/StringSelection.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **java.awt.datatransfer**

Class StringSelection

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **java.awt.datatransfer.StringSelection**

**All Implemented Interfaces:** [ClipboardOwner](http://docs.google.com/java/awt/datatransfer/ClipboardOwner.html), [Transferable](http://docs.google.com/java/awt/datatransfer/Transferable.html)

public class **StringSelection**extends [Object](http://docs.google.com/java/lang/Object.html)implements [Transferable](http://docs.google.com/java/awt/datatransfer/Transferable.html), [ClipboardOwner](http://docs.google.com/java/awt/datatransfer/ClipboardOwner.html)

A Transferable which implements the capability required to transfer a String. This Transferable properly supports DataFlavor.stringFlavor and all equivalent flavors. Support for DataFlavor.plainTextFlavor and all equivalent flavors is **deprecated**. No other DataFlavors are supported.

**See Also:**[DataFlavor.stringFlavor](http://docs.google.com/java/awt/datatransfer/DataFlavor.html#stringFlavor), [DataFlavor.plainTextFlavor](http://docs.google.com/java/awt/datatransfer/DataFlavor.html#plainTextFlavor)

| **Constructor Summary** | |
| --- | --- |
| [**StringSelection**](http://docs.google.com/java/awt/datatransfer/StringSelection.html#StringSelection(java.lang.String))([String](http://docs.google.com/java/lang/String.html) data)            Creates a Transferable capable of transferring the specified String. |

| **Method Summary** | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | [**getTransferData**](http://docs.google.com/java/awt/datatransfer/StringSelection.html#getTransferData(java.awt.datatransfer.DataFlavor))([DataFlavor](http://docs.google.com/java/awt/datatransfer/DataFlavor.html) flavor)            Returns the Transferable's data in the requested DataFlavor if possible. |
| [DataFlavor](http://docs.google.com/java/awt/datatransfer/DataFlavor.html)[] | [**getTransferDataFlavors**](http://docs.google.com/java/awt/datatransfer/StringSelection.html#getTransferDataFlavors())()            Returns an array of flavors in which this Transferable can provide the data. |
| boolean | [**isDataFlavorSupported**](http://docs.google.com/java/awt/datatransfer/StringSelection.html#isDataFlavorSupported(java.awt.datatransfer.DataFlavor))([DataFlavor](http://docs.google.com/java/awt/datatransfer/DataFlavor.html) flavor)            Returns whether the requested flavor is supported by this Transferable. |
| void | [**lostOwnership**](http://docs.google.com/java/awt/datatransfer/StringSelection.html#lostOwnership(java.awt.datatransfer.Clipboard,%20java.awt.datatransfer.Transferable))([Clipboard](http://docs.google.com/java/awt/datatransfer/Clipboard.html) clipboard, [Transferable](http://docs.google.com/java/awt/datatransfer/Transferable.html) contents)            Notifies this object that it is no longer the clipboard owner. |

| **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** |
| --- |

### StringSelection

public **StringSelection**([String](http://docs.google.com/java/lang/String.html) data)

Creates a Transferable capable of transferring the specified String.

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

### getTransferDataFlavors

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

Returns an array of flavors in which this Transferable can provide the data. DataFlavor.stringFlavor is properly supported. Support for DataFlavor.plainTextFlavor is **deprecated**.

**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 length two, whose elements are DataFlavor. stringFlavor and DataFlavor.plainTextFlavor

### isDataFlavorSupported

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

Returns whether the requested flavor is supported by this 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 flavor is equal to DataFlavor.stringFlavor or DataFlavor.plainTextFlavor; false if flavor is not one of the above flavors **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if flavor is null

### getTransferData

public [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 the Transferable's data in the requested DataFlavor if possible. If the desired flavor is DataFlavor.stringFlavor, or an equivalent flavor, the String representing the selection is returned. If the desired flavor is DataFlavor.plainTextFlavor, or an equivalent flavor, a Reader is returned. **Note:** The behavior of this method for DataFlavor.plainTextFlavor and equivalent DataFlavors is inconsistent with the definition of DataFlavor.plainTextFlavor.

**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:**flavor - the requested flavor for the data **Returns:**the data in the requested flavor, as outlined above **Throws:** [UnsupportedFlavorException](http://docs.google.com/java/awt/datatransfer/UnsupportedFlavorException.html) - if the requested data flavor is not equivalent to either DataFlavor.stringFlavor or DataFlavor.plainTextFlavor [IOException](http://docs.google.com/java/io/IOException.html) - if an IOException occurs while retrieving the data. By default, StringSelection never throws this exception, but a subclass may. [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if flavor is null**See Also:**[Reader](http://docs.google.com/java/io/Reader.html)

### lostOwnership

public void **lostOwnership**([Clipboard](http://docs.google.com/java/awt/datatransfer/Clipboard.html) clipboard,  
 [Transferable](http://docs.google.com/java/awt/datatransfer/Transferable.html) contents)

**Description copied from interface:** [**ClipboardOwner**](http://docs.google.com/java/awt/datatransfer/ClipboardOwner.html#lostOwnership(java.awt.datatransfer.Clipboard,%20java.awt.datatransfer.Transferable)) Notifies this object that it is no longer the clipboard owner. This method will be called when another application or another object within this application asserts ownership of the clipboard.

**Specified by:**[lostOwnership](http://docs.google.com/java/awt/datatransfer/ClipboardOwner.html#lostOwnership(java.awt.datatransfer.Clipboard,%20java.awt.datatransfer.Transferable)) in interface [ClipboardOwner](http://docs.google.com/java/awt/datatransfer/ClipboardOwner.html) **Parameters:**clipboard - the clipboard that is no longer ownedcontents - the contents which this owner had placed on the clipboard

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/StringSelection.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/MimeTypeParseException.html)   [**NEXT CLASS**](http://docs.google.com/java/awt/datatransfer/SystemFlavorMap.html) | [**FRAMES**](http://docs.google.com/index.html?java/awt/datatransfer/StringSelection.html)    [**NO FRAMES**](http://docs.google.com/StringSelection.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
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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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