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

## Package java.awt.datatransfer

Provides interfaces and classes for transferring data between and within applications.

**See:**

[**Description**](#3znysh7)

| **Interface Summary** | |
| --- | --- |
| [**ClipboardOwner**](http://docs.google.com/java/awt/datatransfer/ClipboardOwner.html) | Defines the interface for classes that will provide data to a clipboard. |
| [**FlavorListener**](http://docs.google.com/java/awt/datatransfer/FlavorListener.html) | Defines an object which listens for [FlavorEvent](http://docs.google.com/java/awt/datatransfer/FlavorEvent.html)s. |
| [**FlavorMap**](http://docs.google.com/java/awt/datatransfer/FlavorMap.html) | A two-way Map between "natives" (Strings), which correspond to platform- specfic data formats, and "flavors" (DataFlavors), which corerspond to platform-independent MIME types. |
| [**FlavorTable**](http://docs.google.com/java/awt/datatransfer/FlavorTable.html) | A FlavorMap which relaxes the traditional 1-to-1 restriction of a Map. |
| [**Transferable**](http://docs.google.com/java/awt/datatransfer/Transferable.html) | Defines the interface for classes that can be used to provide data for a transfer operation. |

| **Class Summary** | |
| --- | --- |
| [**Clipboard**](http://docs.google.com/java/awt/datatransfer/Clipboard.html) | A class that implements a mechanism to transfer data using cut/copy/paste operations. |
| [**DataFlavor**](http://docs.google.com/java/awt/datatransfer/DataFlavor.html) | A DataFlavor provides meta information about data. |
| [**FlavorEvent**](http://docs.google.com/java/awt/datatransfer/FlavorEvent.html) | FlavorEvent is used to notify interested parties that available [DataFlavor](http://docs.google.com/java/awt/datatransfer/DataFlavor.html)s have changed in the [Clipboard](http://docs.google.com/java/awt/datatransfer/Clipboard.html) (the event source). |
| [**StringSelection**](http://docs.google.com/java/awt/datatransfer/StringSelection.html) | A Transferable which implements the capability required to transfer a String. |
| [**SystemFlavorMap**](http://docs.google.com/java/awt/datatransfer/SystemFlavorMap.html) | The SystemFlavorMap is a configurable map between "natives" (Strings), which correspond to platform-specific data formats, and "flavors" (DataFlavors), which correspond to platform-independent MIME types. |

| **Exception Summary** | |
| --- | --- |
| [**MimeTypeParseException**](http://docs.google.com/java/awt/datatransfer/MimeTypeParseException.html) | A class to encapsulate MimeType parsing related exceptions |
| [**UnsupportedFlavorException**](http://docs.google.com/java/awt/datatransfer/UnsupportedFlavorException.html) | Signals that the requested data is not supported in this flavor. |

## Package java.awt.datatransfer Description

Provides interfaces and classes for transferring data between and within applications. It defines the notion of a "transferable" object, which is an object capable of being transferred between or within applications. An object identifies itself as being transferable by implementing the Transferable interface.

It also provides a clipboard mechanism, which is an object that temporarily holds a transferable object that can be transferred between or within an application. The clipboard is typically used for copy and paste operations. Although it is possible to create a clipboard to use within an application, most applications will use the system clipboard to ensure the data can be transferred across applications running on the platform.

**Since:** JDK1.1

| | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Use**](http://docs.google.com/package-use.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*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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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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