| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DropMode.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/javax/swing/DesktopManager.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/FocusManager.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/DropMode.html)    [**NO FRAMES**](http://docs.google.com/DropMode.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [ENUM CONSTANTS](#3znysh7) | FIELD | [METHOD](#2et92p0) | DETAIL: [ENUM CONSTANTS](#1t3h5sf) | FIELD | [METHOD](#44sinio) |

## **javax.swing**

Enum DropMode

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.lang.Enum](http://docs.google.com/java/lang/Enum.html)<[DropMode](http://docs.google.com/javax/swing/DropMode.html)>  
 **javax.swing.DropMode**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [Comparable](http://docs.google.com/java/lang/Comparable.html)<[DropMode](http://docs.google.com/javax/swing/DropMode.html)>

public enum **DropMode**extends [Enum](http://docs.google.com/java/lang/Enum.html)<[DropMode](http://docs.google.com/javax/swing/DropMode.html)>

Drop modes, used to determine the method by which a component tracks and indicates a drop location during drag and drop.

**Since:** 1.6 **See Also:**[JTable.setDropMode(javax.swing.DropMode)](http://docs.google.com/javax/swing/JTable.html#setDropMode(javax.swing.DropMode)), [JList.setDropMode(javax.swing.DropMode)](http://docs.google.com/javax/swing/JList.html#setDropMode(javax.swing.DropMode)), [JTree.setDropMode(javax.swing.DropMode)](http://docs.google.com/javax/swing/JTree.html#setDropMode(javax.swing.DropMode)), [JTextComponent.setDropMode(javax.swing.DropMode)](http://docs.google.com/javax/swing/text/JTextComponent.html#setDropMode(javax.swing.DropMode))

| **Enum Constant Summary** | |
| --- | --- |
| [**INSERT**](http://docs.google.com/javax/swing/DropMode.html#INSERT)            The drop location should be tracked in terms of the position where new data should be inserted. |
| [**INSERT\_COLS**](http://docs.google.com/javax/swing/DropMode.html#INSERT_COLS)            The drop location should be tracked in terms of the column index where new columns should be inserted to accommodate the dropped data. |
| [**INSERT\_ROWS**](http://docs.google.com/javax/swing/DropMode.html#INSERT_ROWS)            The drop location should be tracked in terms of the row index where new rows should be inserted to accommodate the dropped data. |
| [**ON**](http://docs.google.com/javax/swing/DropMode.html#ON)            The drop location should be tracked in terms of the index of existing items. |
| [**ON\_OR\_INSERT**](http://docs.google.com/javax/swing/DropMode.html#ON_OR_INSERT)            This mode is a combination of ON and INSERT, specifying that data can be dropped on existing items, or in insert locations as specified by INSERT. |
| [**ON\_OR\_INSERT\_COLS**](http://docs.google.com/javax/swing/DropMode.html#ON_OR_INSERT_COLS)            This mode is a combination of ON and INSERT\_COLS, specifying that data can be dropped on existing items, or as insert columns as specified by INSERT\_COLS. |
| [**ON\_OR\_INSERT\_ROWS**](http://docs.google.com/javax/swing/DropMode.html#ON_OR_INSERT_ROWS)            This mode is a combination of ON and INSERT\_ROWS, specifying that data can be dropped on existing items, or as insert rows as specified by INSERT\_ROWS. |
| [**USE\_SELECTION**](http://docs.google.com/javax/swing/DropMode.html#USE_SELECTION)            A component's own internal selection mechanism (or caret for text components) should be used to track the drop location. |

| **Method Summary** | |
| --- | --- |
| static [DropMode](http://docs.google.com/javax/swing/DropMode.html) | [**valueOf**](http://docs.google.com/javax/swing/DropMode.html#valueOf(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Returns the enum constant of this type with the specified name. |
| static [DropMode](http://docs.google.com/javax/swing/DropMode.html)[] | [**values**](http://docs.google.com/javax/swing/DropMode.html#values())()            Returns an array containing the constants of this enum type, in the order they are declared. |

| **Methods inherited from class java.lang.**[**Enum**](http://docs.google.com/java/lang/Enum.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Enum.html#clone()), [compareTo](http://docs.google.com/java/lang/Enum.html#compareTo(E)), [equals](http://docs.google.com/java/lang/Enum.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Enum.html#finalize()), [getDeclaringClass](http://docs.google.com/java/lang/Enum.html#getDeclaringClass()), [hashCode](http://docs.google.com/java/lang/Enum.html#hashCode()), [name](http://docs.google.com/java/lang/Enum.html#name()), [ordinal](http://docs.google.com/java/lang/Enum.html#ordinal()), [toString](http://docs.google.com/java/lang/Enum.html#toString()), [valueOf](http://docs.google.com/java/lang/Enum.html#valueOf(java.lang.Class,%20java.lang.String)) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [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)) |

| **Enum Constant Detail** |
| --- |

### USE\_SELECTION

public static final [DropMode](http://docs.google.com/javax/swing/DropMode.html) **USE\_SELECTION**

A component's own internal selection mechanism (or caret for text components) should be used to track the drop location.

### ON

public static final [DropMode](http://docs.google.com/javax/swing/DropMode.html) **ON**

The drop location should be tracked in terms of the index of existing items. Useful for dropping on items in tables, lists, and trees.

### INSERT

public static final [DropMode](http://docs.google.com/javax/swing/DropMode.html) **INSERT**

The drop location should be tracked in terms of the position where new data should be inserted. For components that manage a list of items (list and tree for example), the drop location should indicate the index where new data should be inserted. For text components the location should represent a position between characters. For components that manage tabular data (table for example), the drop location should indicate where to insert new rows, columns, or both, to accommodate the dropped data.

### INSERT\_ROWS

public static final [DropMode](http://docs.google.com/javax/swing/DropMode.html) **INSERT\_ROWS**

The drop location should be tracked in terms of the row index where new rows should be inserted to accommodate the dropped data. This is useful for components that manage tabular data.

### INSERT\_COLS

public static final [DropMode](http://docs.google.com/javax/swing/DropMode.html) **INSERT\_COLS**

The drop location should be tracked in terms of the column index where new columns should be inserted to accommodate the dropped data. This is useful for components that manage tabular data.

### ON\_OR\_INSERT

public static final [DropMode](http://docs.google.com/javax/swing/DropMode.html) **ON\_OR\_INSERT**

This mode is a combination of ON and INSERT, specifying that data can be dropped on existing items, or in insert locations as specified by INSERT.

### ON\_OR\_INSERT\_ROWS

public static final [DropMode](http://docs.google.com/javax/swing/DropMode.html) **ON\_OR\_INSERT\_ROWS**

This mode is a combination of ON and INSERT\_ROWS, specifying that data can be dropped on existing items, or as insert rows as specified by INSERT\_ROWS.

### ON\_OR\_INSERT\_COLS

public static final [DropMode](http://docs.google.com/javax/swing/DropMode.html) **ON\_OR\_INSERT\_COLS**

This mode is a combination of ON and INSERT\_COLS, specifying that data can be dropped on existing items, or as insert columns as specified by INSERT\_COLS.

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

### values

public static [DropMode](http://docs.google.com/javax/swing/DropMode.html)[] **values**()

Returns an array containing the constants of this enum type, in the order they are declared. This method may be used to iterate over the constants as follows:

for (DropMode c : DropMode.values())  
  System.out.println(c);

**Returns:**an array containing the constants of this enum type, in the order they are declared

### valueOf

public static [DropMode](http://docs.google.com/javax/swing/DropMode.html) **valueOf**([String](http://docs.google.com/java/lang/String.html) name)

Returns the enum constant of this type with the specified name. The string must match *exactly* an identifier used to declare an enum constant in this type. (Extraneous whitespace characters are not permitted.)

**Parameters:**name - the name of the enum constant to be returned. **Returns:**the enum constant with the specified name **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if this enum type has no constant with the specified name [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if the argument is null

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