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

## **javax.swing**

Enum LayoutStyle.ComponentPlacement

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

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

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

ComponentPlacement is an enumeration of the possible ways two components can be placed relative to each other. ComponentPlacement is used by the LayoutStyle method getPreferredGap. Refer to LayoutStyle for more information.

**Since:** 1.6 **See Also:**[LayoutStyle.getPreferredGap(JComponent,JComponent, ComponentPlacement,int,Container)](http://docs.google.com/javax/swing/LayoutStyle.html#getPreferredGap(javax.swing.JComponent,%20javax.swing.JComponent,%20javax.swing.LayoutStyle.ComponentPlacement,%20int,%20java.awt.Container))

| **Enum Constant Summary** | |
| --- | --- |
| [**INDENT**](http://docs.google.com/javax/swing/LayoutStyle.ComponentPlacement.html#INDENT)            Enumeration value indicating the distance to indent a component is being requested. |
| [**RELATED**](http://docs.google.com/javax/swing/LayoutStyle.ComponentPlacement.html#RELATED)            Enumeration value indicating the two components are visually related and will be placed in the same parent. |
| [**UNRELATED**](http://docs.google.com/javax/swing/LayoutStyle.ComponentPlacement.html#UNRELATED)            Enumeration value indicating the two components are visually unrelated and will be placed in the same parent. |

| **Method Summary** | |
| --- | --- |
| static [LayoutStyle.ComponentPlacement](http://docs.google.com/javax/swing/LayoutStyle.ComponentPlacement.html) | [**valueOf**](http://docs.google.com/javax/swing/LayoutStyle.ComponentPlacement.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 [LayoutStyle.ComponentPlacement](http://docs.google.com/javax/swing/LayoutStyle.ComponentPlacement.html)[] | [**values**](http://docs.google.com/javax/swing/LayoutStyle.ComponentPlacement.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** |
| --- |

### RELATED

public static final [LayoutStyle.ComponentPlacement](http://docs.google.com/javax/swing/LayoutStyle.ComponentPlacement.html) **RELATED**

Enumeration value indicating the two components are visually related and will be placed in the same parent. For example, a JLabel providing a label for a JTextField is typically visually associated with the JTextField; the constant RELATED is used for this.

### UNRELATED

public static final [LayoutStyle.ComponentPlacement](http://docs.google.com/javax/swing/LayoutStyle.ComponentPlacement.html) **UNRELATED**

Enumeration value indicating the two components are visually unrelated and will be placed in the same parent. For example, groupings of components are usually visually separated; the constant UNRELATED is used for this.

### INDENT

public static final [LayoutStyle.ComponentPlacement](http://docs.google.com/javax/swing/LayoutStyle.ComponentPlacement.html) **INDENT**

Enumeration value indicating the distance to indent a component is being requested. For example, often times the children of a label will be horizontally indented from the label. To determine the preferred distance for such a gap use the INDENT type.

This value is typically only useful with a direction of EAST or WEST.

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

### values

public static [LayoutStyle.ComponentPlacement](http://docs.google.com/javax/swing/LayoutStyle.ComponentPlacement.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 (LayoutStyle.ComponentPlacement c : LayoutStyle.ComponentPlacement.values())  
  System.out.println(c);

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

### valueOf

public static [LayoutStyle.ComponentPlacement](http://docs.google.com/javax/swing/LayoutStyle.ComponentPlacement.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/LayoutStyle.ComponentPlacement.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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