

# Class `java.awt.Label`

```
java.lang.Object
|
+----java.awt.Component
|
+----java.awt.Label
```

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public class **Label**  
extends [Component](#)

A component that displays a single line of read-only text.

**Version:**  
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- o **[CENTER](#)**  
The center alignment.
- o **[LEFT](#)**  
The left alignment.
- o **[RIGHT](#)**  
The right alignment.

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Constructs an empty label.
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Constructs a new label with the specified String of text.
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Constructs a new label with the specified String of text and the specified alignment.

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Gets the text of this label.
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- o **setAlignment(int)**  
Sets the alignment for this label to the specified alignment.
- o **setText(String)**  
Sets the text for this label to the specified text.

# Variables

## o LEFT

```
public final static int LEFT
```

The left alignment.

## o CENTER

```
public final static int CENTER
```

The center alignment.

## o RIGHT

```
public final static int RIGHT
```

The right alignment.

# Constructors

## o Label

```
public Label()
```

Constructs an empty label.

## o Label

```
public Label(String label)
```

Constructs a new label with the specified String of text.

**Parameters:**

label – the text that makes up the label

**o Label**

```
public Label(String label,  
            int alignment)
```

Constructs a new label with the specified String of text and the specified alignment.

**Parameters:**

label – the String that makes up the label

alignment – the alignment value

## Methods

**o addNotify**

```
public synchronized void addNotify()
```

Creates the peer for this label. The peer allows us to modify the appearance of the label without changing its functionality.

**Overrides:**

addNotify in class Component

**o getAlignment**

```
public int getAlignment()
```

Gets the current alignment of this label.

**See Also:**

setAlignment

**o setAlignment**

```
public void setAlignment(int alignment)
```

Sets the alignment for this label to the specified alignment.

**Parameters:**

alignment – the alignment value

**Throws:** AWTException

If an improper alignment was given.

**See Also:**

getAlignment

**o getText**

```
public String getText()
```

Gets the text of this label.

**See Also:**

setText

#### o **setText**

```
public void setText(String label)
```

Sets the text for this label to the specified text.

**Parameters:**

label – the text that makes up the label

**See Also:**

getText

#### o **paramString**

```
protected String paramString()
```

Returns the parameter String of this label.

**Overrides:**

paramString in class Component

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