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# 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.

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# Variable Index

o **CENTER**
The center alignment.
o **LEFT**
The left alignment.
o **RIGHT**
The right alignment.

# Constructor Index

o **Label**()
Constructs an empty label.
o **Label**(String)
Constructs a new label with the specified String of text.
o **Label**(String, int)
Constructs a new label with the specified String of text and the specified alignment.

# Method Index


o **addNotify**()
Creates the peer for this label.
o **getAlignment**()
Gets the current alignment of this label.
o **getText**()
Gets the text of this label.
o **paramString**()
Returns the parameter String of this label.
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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