

Class `java.awt.Label`

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

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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