Interface java.awt.LayoutManager

public interface **LayoutManager**
extends Object

Defines the interface for classes that know how to layout Containers.

See Also:
Container
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Author:
Sami Shaio, Arthur van Hoff

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Adds the specified component with the specified name to the layout.
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Lays out the container in the specified panel.
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Calculates the minimum size dimensions for the specified panel given the components in the specified parent container.
o **preferredLayoutSize**(Container)
Calculates the preferred size dimensions for the specified panel given the components in the specified parent container.
o **removeLayoutComponent**(Component)
Removes the specified component from the layout.

Methods

o **addLayoutComponent**

```
public abstract void addLayoutComponent(String name,
                                        Component comp)
```

Adds the specified component with the specified name to the layout.
Parameters:
name – the component name
comp – the component to be added

o **removeLayoutComponent**

```
public abstract void removeLayoutComponent(Component comp)
```

Removes the specified component from the layout.
Parameters:
comp – the component ot be removed

o **preferredLayoutSize**

```
public abstract Dimension preferredLayoutSize(Container parent)
```

Calculates the preferred size dimensions for the specified panel given the components in the specified parent container.
Parameters:
parent – the component which needs to be laid out
See Also:
minimumSize

o **minimumLayoutSize**

```
public abstract Dimension minimumLayoutSize(Container parent)
```

Calculates the minimum size dimensions for the specified panel given the components in the specified parent container.
Parameters:
parent – the component which needs to be laid out
See Also:
preferredSize

o **layoutContainer**

```
public abstract void layoutContainer(Container parent)
```

Lays out the container in the specified panel.
Parameters:
parent – the component which needs to be laid out