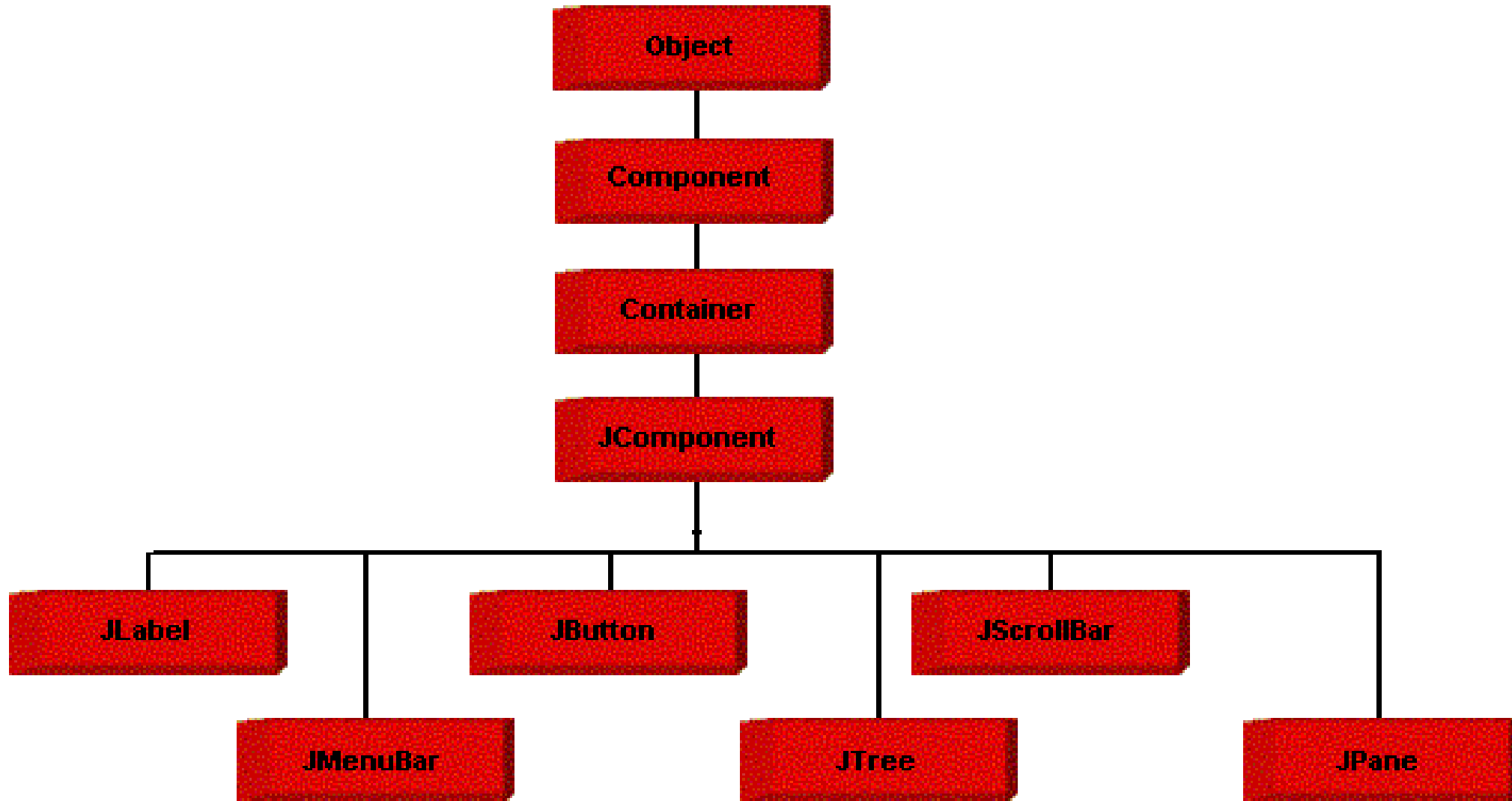


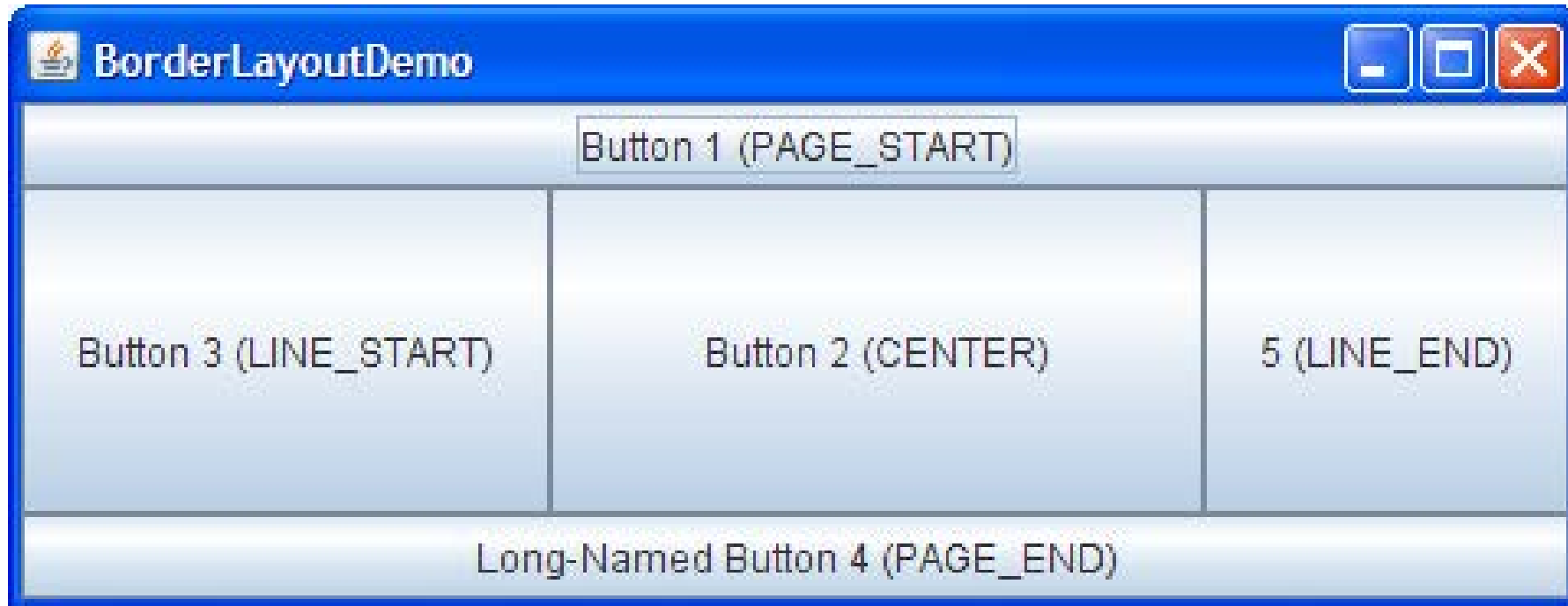
Java GUI Layout

Java Swing class hierarchy



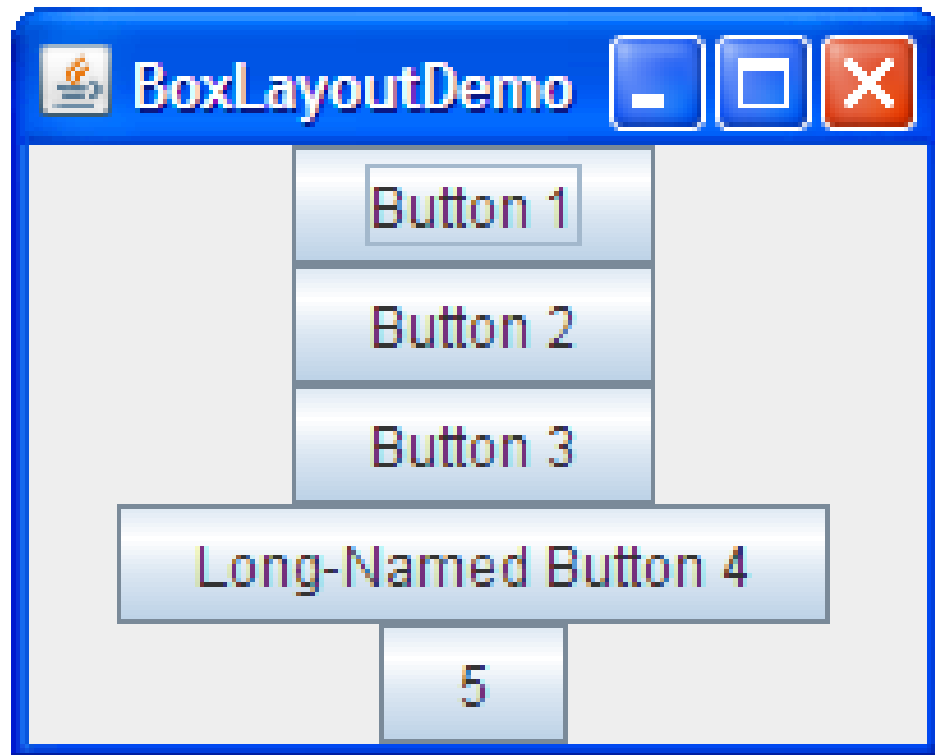
BorderLayout

A BorderLayout places components in up to five areas: top, bottom, left, right, and center. All extra space is placed in the center area.



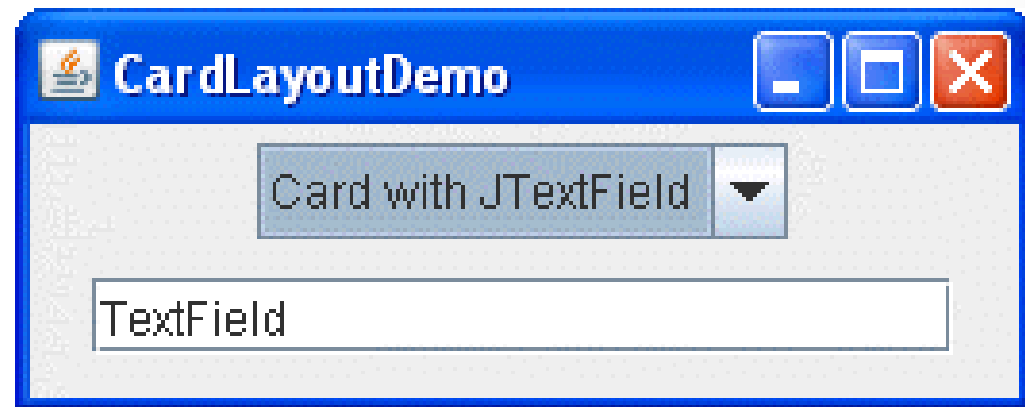
BoxLayout

The BoxLayout class puts components in a single row or column. It keeps the components' requested maximum sizes and also lets you align components.



CardLayout

The CardLayout class lets you implement an area that contains different components at different times. A CardLayout is often controlled by a combo box, with the state of the combo box determining which components the CardLayout displays.



FlowLayout

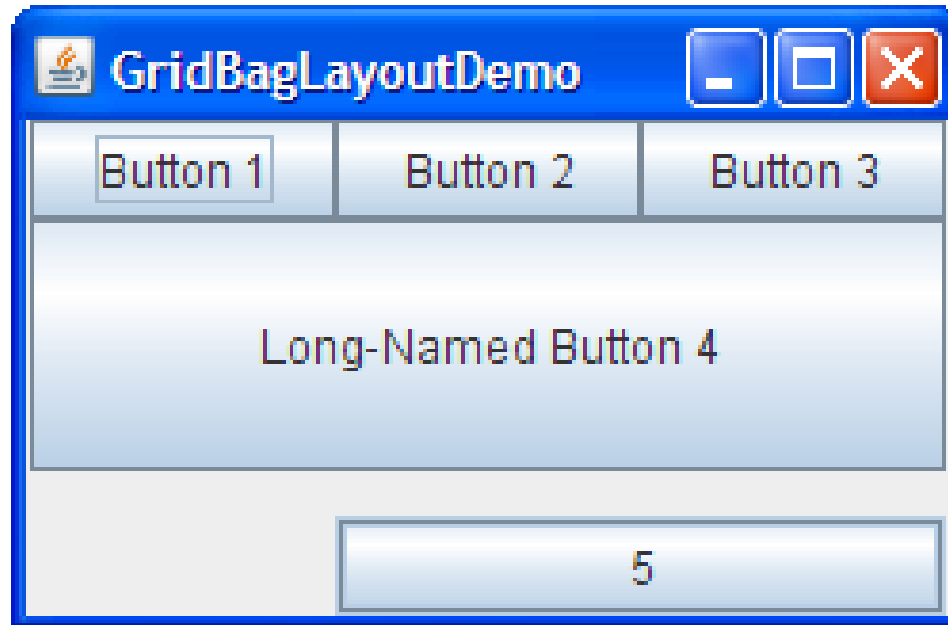
The FlowLayout is the default layout manager for every JPanel.

It simply lays out components in a single row, starting a new row if the container is not sufficiently wide.



GridBagLayout

The GridBagLayout is a sophisticated, flexible layout manager. It aligns components by placing them within a grid of cells, allowing components to span more than one cell.



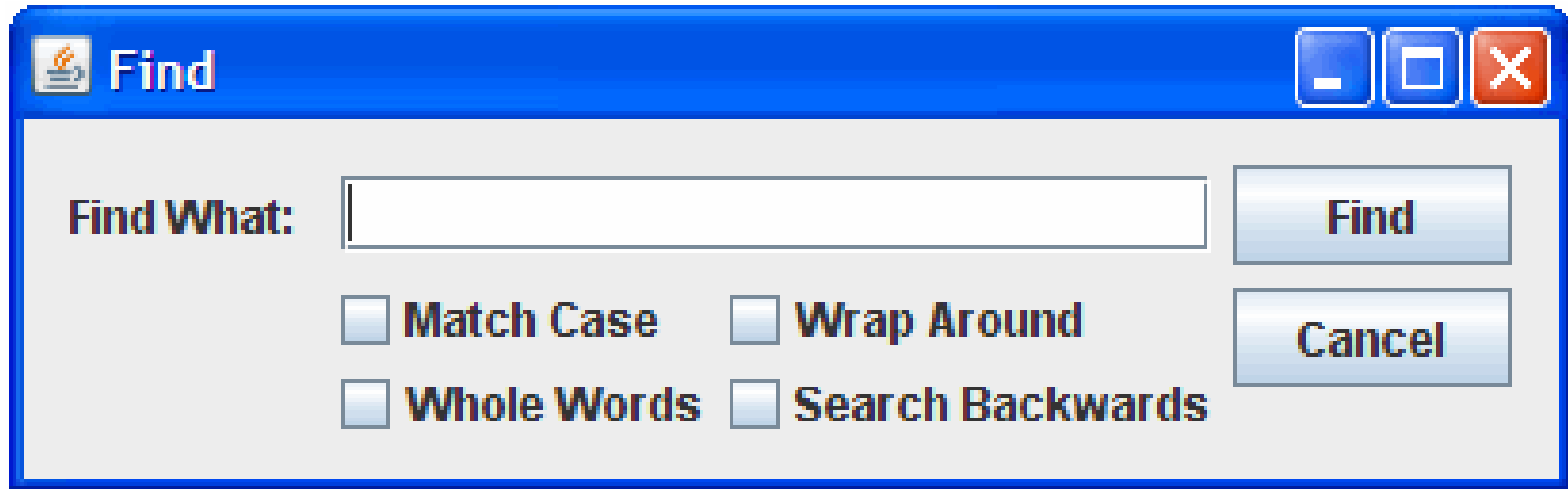
GridLayout

The GridLayout simply makes a bunch of components equal in size and displays them in the requested number of rows and columns.



GroupLayout

The GroupLayout is a layout manager that can also be used manually. The layout is defined for each dimension independently.



SpringLayout

The SpringLayout is a flexible layout manager that lets you specify precise relationships between the edges of components under its control.

