

# Java GUI: Components & Containers

Class	Description	Derived from ...	Default Layout
<b>JApplet</b>	Featureless window provided by browser for an <b>Applet</b> to run in.	<b>Applet</b>	<b>FlowLayout</b>
<b>JButton</b>	Not a window. It's here as an example of a <b>JComponent</b> .	<b>JComponent</b>	n/a
<b>JComponent</b>	Not a window, but an abstract class underlying <b>JButtons</b> etc.	<b>Container</b>	n/a
<b>JFrame</b>	A resizable, movable window with title bar and close button. Usually contains <b>JPanels</b> . The entire application is usually a <b>JFrame</b> .	<b>Frame</b>	<b>BorderLayout</b>
<b>JPanel</b>	A region internal to a <b>JFrame</b> or another <b>JPanel</b> . Used for grouping components together. Optionally bounded by a visible border. Lives inside some enclosing container.	<b>JComponent</b>	<b>FlowLayout</b>
<b>JWindow</b>	A window without a title bar or move controls. The program can move and resize it, but the user cannot. It has no border at all. It optionally has a parent <b>JFrame</b> .	<b>Window</b>	<b>BorderLayout</b>

Adapted from <http://mindprod.com>.