

setSize() or setBounds() can be used when no layout manager is being used. However, if you are using a layout manager you can provide hints to the layout manager using the setXXXSize() methods like setPreferredSize() and setMinimumSize() etc. And be sure that the component's container uses a layout manager that respects the requested size. The FlowLayout, GridBagLayout, and SpringLayout managers use the component's preferred size (the latter two depending on the constraints you set), but BorderLayout and GridLayout Usually don't. If you specify new size hints for a component that's already visible, you need to invoke the revalidate method on it to make sure that its containment hierarchy is laid out again. Then invoke the repaint method. share edit edited May 25 '13 at 16:15 answered Nov 23 '09 at 15:57 0x6C38 Varun 5.470 • 4 • 27 • 43 879 • 7 • 21 setSize will resize the component to the specified size. setPreferredSize sets the preferred size. The component may not actually be this size depending on the size of the container it's in, or if the user re-sized the component manually. answered Nov 23 '09 at 15:26 18.4k • 3 • 55 • 75 Can you show a full example of setPreferredSize(...). I think that this would be helpful. - Doug Hauf Feb 8 '14 at 22:13 IIRC setSize sets the size of the component. setPreferredSize sets the preferred size. The Layoutmanager will try to arrange that much space for your component. It depends on whether you're using a layout manager or not ...

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and what if I add two jpanels to a jframe without specifying a layout manager explicitly for the jframe? what method should i used to set the size of the jpanels? - David Robles Nov 23 '09 at 15:32

3 Content panes use BorderLayout by default (java.sun.com/docs/books/tutorial/uiswing/layout/using.html). So the JFrame's contentpane has a LayoutManager, so setPreferredSize should work .. - miku Nov 23 '09 at 15:36

Sounds good, that means I should use setSize for the JFrame and setPreferredSize for the components inside -David Robles Nov 23 '09 at 15:38

According to the docs, i'd say so ... – miku Nov 23 '09 at 15:39

You would generally use frame.pack() to take advantage of the calculated preferred size of all the child components. Otherwise if you just randomly use frame.setSize(), then the components added to the content 77 people chatting Java 1 min ago - lemoncodes 1 min ago - WarrenFaith 3 JFrame fixed width

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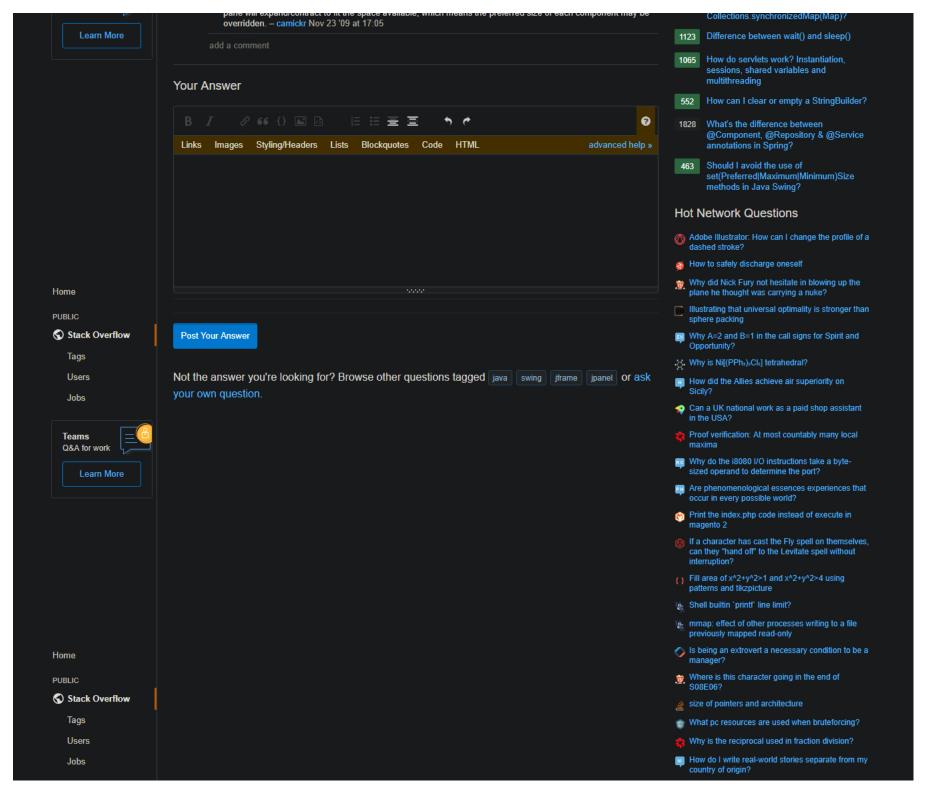
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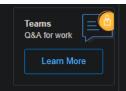
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