

Selection Components – JComboBox



A JComboBox straddles the divide between textual input and graphical selection control components, JComboBoxes allow the User to pull down a list of values to choose from but can also allow the User to edit values and entered a non-predefined value.

JComboboxes therefore offer great flexibility. Values for the pull down are defined in an array and this is then associated to the JComboBox.

The Developer will need to import the following ...

```
import javax.swing.JComboBox;
```

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The Developer will need to specify the datatype of the JComboBox ...

```
import java.awt.GridLayout;
import javax.swing.JComboBox;
import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;

public class combobox extends JFrame {

    private static final long serialVersionUID = 1L;

    String[] agegroup = { "Baby", "Toddler", "Infant", "Teenager", "Adult" };
    JComboBox<String> combo = new JComboBox<String>(agegroup);
    JPanel newpanel = new JPanel();
```

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```
public combobox(){  
  
    setSize(360, 80);  
    newpanel.setBorder(new EmptyBorder(10,5,10,5));  
    newpanel.setLayout(new GridLayout(1,1));  
    newpanel.add(combo);  
    getContentPane().add(newpanel);  
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);  
    setTitle("Combo");  
    setVisible(true);  
  
}  
  
public static void main(String[] arguments)  
{  
    JFrame frame = new combobox();  
}  
}
```

