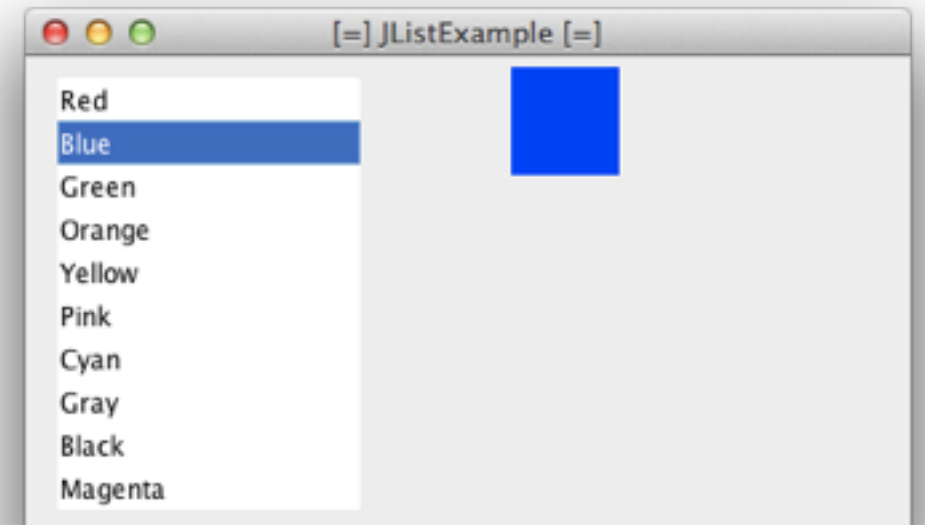


# JList

```
public class ListExample extends JFrame implements ListSelectionListener {
```

```
JList<String> boxes;  
JPanel[] boxArray = new JPanel[10];  
String names[] = {"Red", "Blue", ...};  
...  
private void initGUI() {  
    ...  
    boxes = new JList(names);  
    boxes.setVisibleRowCount(10);  
    boxes.setFixedCellHeight(20);  
    boxes.setFixedCellWidth(140);  
    boxes.setSelectionMode(ListSelectionModel.SINGLE_SELECTION);  
    boxes.addListSelectionListener(this);  
  
    boxArray[0] = createSquareJPanel(Color.red, 50);  
    ...  
}  
  
public void valueChanged(ListSelectionEvent e) {  
    if ( e.getSource() == boxes && e.getValueIsAdjusting() == false ) {  
        for(int i = 0; i < names.length; i++) {  
            if (i == boxes.getSelectedIndex()) boxArray[i].setVisible(true);  
            else boxArray[i].setVisible(false);  
        }  
    }  
}  
...  
}
```



see: [examples.swing.misc.ListExample](#)

# JList

```
public class ListExample extends JFrame implements ListSelectionListener {
```

```
JList<String> boxes;  
JPanel[] boxArray = new JPanel[10];  
String names[] = {"Red", "Blue", ...};
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```
...  
private void initGUI() {
```

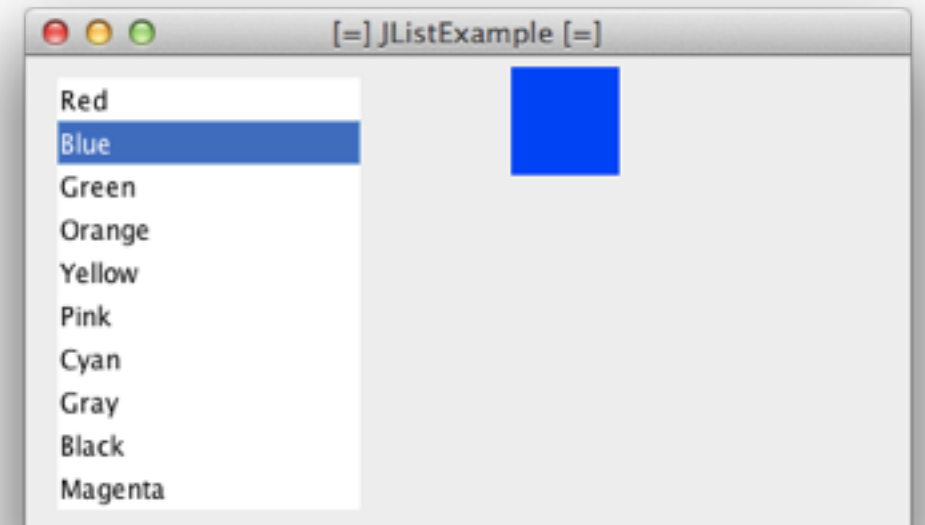
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see: [examples.swing.misc.ListExample](#)

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public class ListExample extends JFrame implements ListSelectionListener {
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```

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    ...  
    private void initGUI() {
```

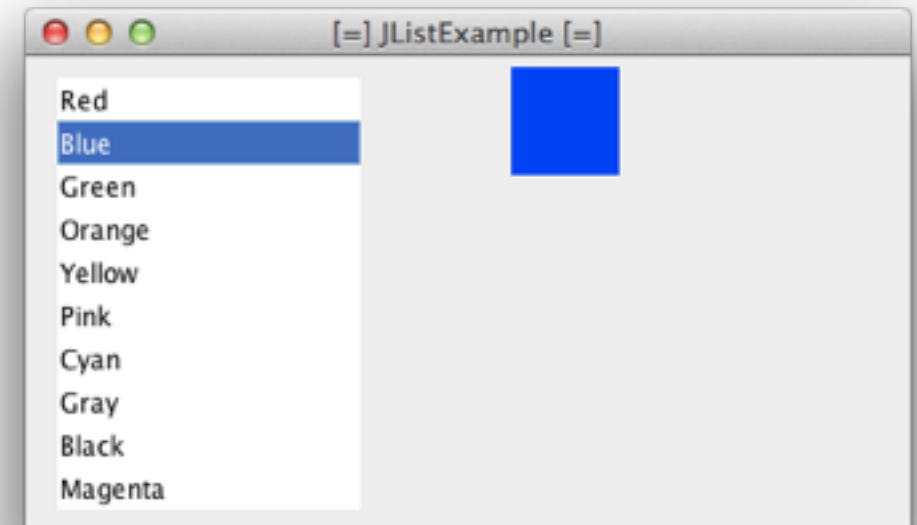
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            }  
        }  
    }  
}
```

```
    ...  
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```



see: [examples.swing.misc.ListExample](#)

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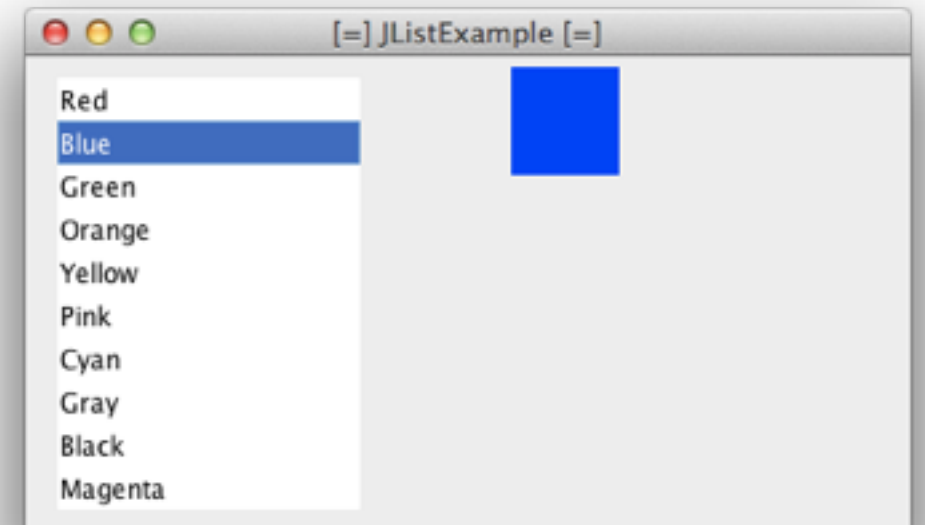
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}
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see: [examples.swing.misc.ListExample](#)

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public class ListExample extends JFrame implements ListSelectionListener {
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...  
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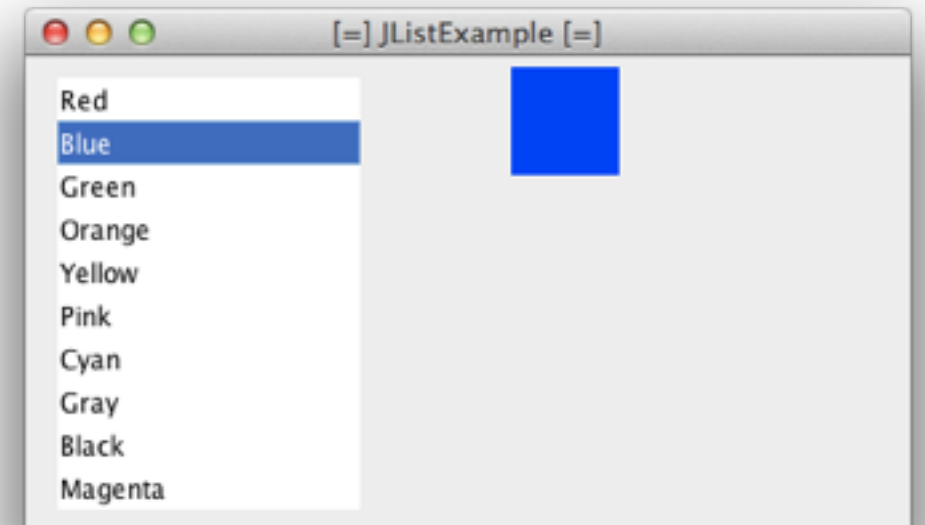
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    boxArray[0] = createSquareJPanel(Color.red, 50);
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            else boxArray[i].setVisible(false);  
        }  
    }  
}
```

```
    ...  
}
```



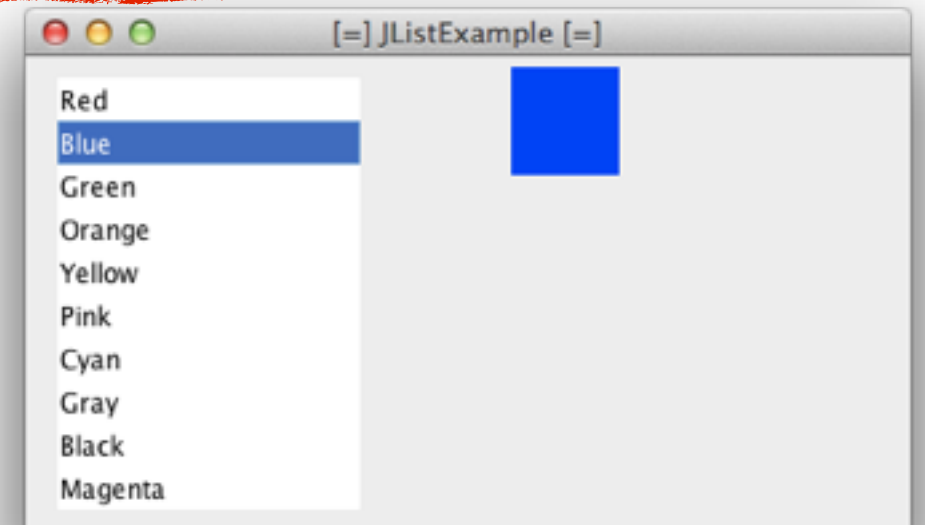
see: [examples.swing.misc.ListExample](#)



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    boxes.setSelectionMode(ListSelectionModel.SINGLE_SELECTION);  
    boxes.addListSelectionListener(this);
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```
    boxArray[0] = createSquareJPanel(Color.red, 50);
```

```
    ...  
}  
public void valueChanged(ListSelectionEvent e) {  
    if ( e.getSource() == boxes && e.getValueIsAdjusting() == false ) {  
        for(int i = 0; i < names.length; i++) {  
            if (i == boxes.getSelectedIndex()) boxArray[i].setVisible(true);  
            else boxArray[i].setVisible(false);  
        }  
    }  
}
```

see: [examples.swing.misc.ListExample](#)

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private void initGUI() {
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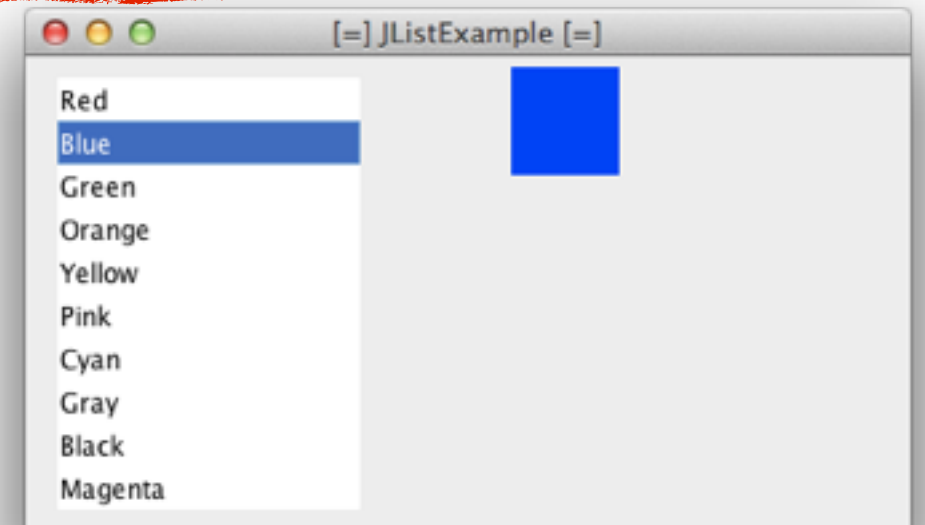
```
    boxArray[0] = createSquareJPanel(Color.red, 50);
```

```
    ...  
}
```

```
public void valueChanged(ListSelectionEvent e) {  
    if ( e.getSource() == boxes && e.getValueIsAdjusting() == false ) {  
        for(int i = 0; i < names.length; i++) {  
            if (i == boxes.getSelectedIndex()) boxArray[i].setVisible(true);  
            else boxArray[i].setVisible(false);  
        }  
    }  
}
```

```
    ...  
}
```

```
...  
}
```



getValueIsAdjusting no dice si este evento es uno de una serie de eventos o no — respondemos sólo en el último caso.

see: [examples.swing.misc.ListExample](#)

# JList

```
public class ListExample extends JFrame implements ListSelectionListener {
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JList<String> boxes;  
JPanel[] boxArray = new JPanel[10];  
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```

```
...  
private void initGUI() {
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```
...  
    boxes = new JList(names);  
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    boxes.setFixedCellHeight(20);  
    boxes.setFixedCellWidth(140);  
    boxes.setSelectionMode(ListSelectionModel.SINGLE_SELECTION);  
    boxes.addListSelectionListener(this);
```

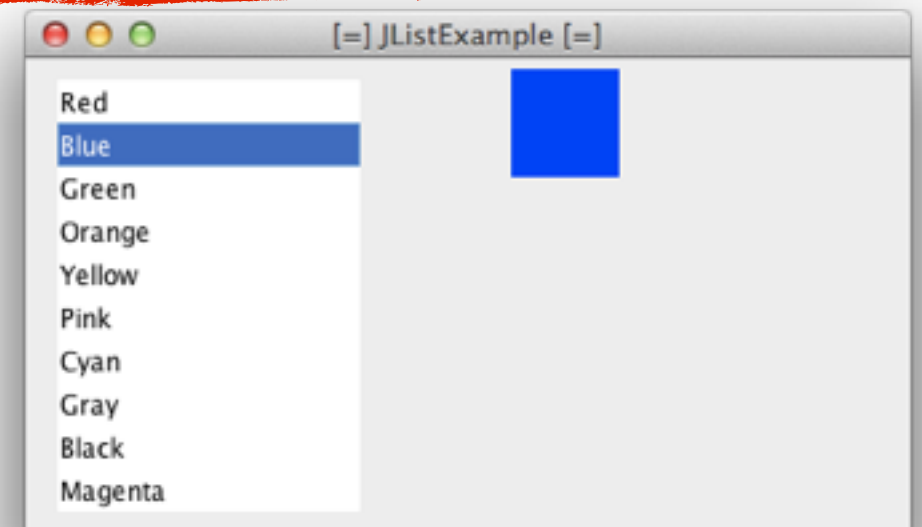
```
    boxArray[0] = createSquareJPanel(Color.red, 50);
```

```
    ...  
}
```

```
public void valueChanged(ListSelectionEvent e) {  
    if ( e.getSource() == boxes && e.getValueIsAdjusting() == false ) {  
        for(int i = 0; i < names.length; i++) {  
            if (i == boxes.getSelectedIndex()) boxArray[i].setVisible(true);  
            else boxArray[i].setVisible(false);  
        }  
    }  
}
```

```
    ...  
}
```

```
...  
}
```



getValueIsAdjusting no dice si este evento es uno de una serie de eventos o no — respondemos sólo en el último caso.

see: [examples.swing.misc.ListExample](#)



# JList - Selección Multiple

```
public class ListExample implements ListSelectionListener {
    JList<String> boxes;
    JPanel[] boxArray = new JPanel[10];
    String names[] = {"Red", "Blue", ...};

    private void initGUI() {
        ...
        boxes = new JList(names);
        boxes.setVisibleRowCount(10);
        boxes.setFixedCellHeight(20);
        boxes.setFixedCellWidth(140);
        boxes.setSelectionMode(ListSelectionModel.MULTIPLE_INTERVAL_SELECTION);
        boxes.addListSelectionListener(this);
        ...
    }

    public void valueChanged(ListSelectionEvent e) {
        if ( e.getSource() == boxes && e.getValueIsAdjusting() == false ) {
            int[] fromindex = boxes.getSelectedIndices();
            for(int i = 0; i < 10; i++) boxArray[i].setVisible(false);
            for(int i = 0; i < fromindex.length; i++)
                boxArray[fromindex[i]].setVisible(true);
        }
    }
    ...
}
```



# JList - Selección Multiple

```
public class ListExample implements ListSelectionListener {
```

```
    JList<String> boxes;  
    JPanel[] boxArray = new JPanel[10];  
    String names[] = {"Red", "Blue", ...};
```

```
    private void initGUI() {
```

```
        ...
```

```
        boxes = new JList(names);  
        boxes.setVisibleRowCount(10);  
        boxes.setFixedCellHeight(20);  
        boxes.setFixedCellWidth(140);  
        boxes.setSelectionMode(ListSelectionModel.MultipleIntervalSelection);  
        boxes.addListSelectionListener(this);
```

```
    ...  
}
```

```
    public void valueChanged(ListSelectionEvent e) {  
        if ( e.getSource() == boxes && e.getValueIsAdjusting() == false ) {  
            int[] fromindex = boxes.getSelectedIndices();  
            for(int i = 0; i < 10; i++) boxArray[i].setVisible(false);  
            for(int i = 0; i < fromindex.length; i++)  
                boxArray[fromindex[i]].setVisible(true);  
        }  
    }  
}
```

```
    ...  
}
```



SINGLE\_INTERVAL\_SELECTION

# JList - Selección Multiple

```
public class ListExample implements ListSelectionListener {
```

```
    JList<String> boxes;  
    JPanel[] boxArray = new JPanel[10];  
    String names[] = {"Red", "Blue", ...};
```

```
    private void initGUI() {
```

```
        ...
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        boxes = new JList(names);  
        boxes.setVisibleRowCount(10);  
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        boxes.setSelectionMode(ListSelectionModel.MULTIPLE_INTERVAL_SELECTION);  
        boxes.addListSelectionListener(this);
```

```
    ...  
}
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```
    public void valueChanged(ListSelectionEvent e) {  
        if ( e.getSource() == boxes && e.getValueIsAdjusting() == false ) {  
            int[] fromindex = boxes.getSelectedIndices();  
            for(int i = 0; i < 10; i++) boxArray[i].setVisible(false);  
            for(int i = 0; i < fromindex.length; i++)  
                boxArray[fromindex[i]].setVisible(true);  
        }  
    }  
}
```

```
    ...  
}
```



SINGLE\_INTERVAL\_SELECTION

# JList - Añadir/Borrar Elementos

```
public class ListExample_2 implements ActionListener {
    JList<String> itemList, shoppingList;
    JButton buttonin, buttonout;
    DefaultListModel<String> shop, items;
    private void initGUI() {
        ...
        shop = new DefaultListModel<String>();
        items = new DefaultListModel<String>();
        String[] shoppingItems = { "Milk", "Cheese", "Bread", ... };
        for (int i=0; i < shoppingItems.length; i++) shop.addElement(shoppingItems[i]);
        itemList = new JList(shop);
        shoppingList = new JList(items);
    }
    ...
    public void actionPerformed(ActionEvent e) {
        if ( e.getSource() == buttonin ) {
            int[] fromindex = itemList.getSelectedIndices();
            List<String> from = itemList.getSelectedValuesList();
            for (String s : from) items.addElement(s);
            for (int i = (fromindex.length - 1); i >= 0; i--) shop.remove(fromindex[i]);
        } else if ( e.getSource() == buttonout ) ...
    }
    ...
}
```



see: [examples.swing.misc.ListExample\\_2](#)

# JList - Añadir/Borrar Elementos

```
public class ListExample_2 implements ActionListener {
    JList<String> itemList, shoppingList;
    JButton buttonin, buttonout;
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    private void initGUI() {
        ...
        shop = new DefaultListModel<String>();
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        for (int i=0; i < shoppingItems.length; i++) shop.addElement(shoppingItems[i]);
        itemList = new JList(shop);
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    }
    ...
    public void actionPerformed(ActionEvent e) {
        if ( e.getSource() == buttonin ) {
            int[] fromindex = itemList.getSelectedIndices();
            List<String> from = itemList.getSelectedValuesList();
            for (String s : from) items.addElement(s);
            for (int i = (fromindex.length - 1); i >= 0; i--) shop.remove(fromindex[i]);
        } else if ( e.getSource() == buttonout ) ...
    }
    ...
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```



see: [examples.swing.misc.ListExample\\_2](#)



# JList - Añadir/Borrar Elementos

```
public class ListExample_2 implements ActionListener {
    JList<String> itemList, shoppingList;
    JButton buttonin, buttonout;
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    private void initGUI() {
        ...
        shop = new DefaultListModel<String>();
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        String[] shoppingItems = { "Milk", "Cheese", "Bread", ... };
        for (int i=0; i < shoppingItems.length; i++) shop.addElement(shoppingItems[i]);
        itemList = new JList(shop);
        shoppingList = new JList(items);
    }
    ...
    public void actionPerformed(ActionEvent e) {
        if ( e.getSource() == buttonin ) {
            int[] fromindex = itemList.getSelectedIndices();
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            for (String s : from) items.addElement(s);
            for (int i = (fromindex.length - 1); i >= 0; i--) shop.remove(fromindex[i]);
        } else if ( e.getSource() == buttonout ) ...
    }
    ...
}
```



see: [examples.swing.misc.ListExample\\_2](#)

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public class ListExample_2 implements ActionListener {
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        for (int i=0; i < shoppingItems.length; i++) shop.addElement(shoppingItems[i]);
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    }
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    public void actionPerformed(ActionEvent e) {
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            for (String s : from) items.addElement(s);
            for (int i = (fromindex.length - 1); i >= 0; i--) shop.remove(fromindex[i]);
        } else if ( e.getSource() == buttonout ) ...
    }
    ...
}
```



see: [examples.swing.misc.ListExample\\_2](#)

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        shop = new DefaultListModel<String>();
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        String[] shoppingItems = { "Milk", "Cheese", "Bread", ... };
        for (int i=0; i < shoppingItems.length; i++) shop.addElement(shoppingItems[i]);
        itemList = new JList(shop);
        shoppingList = new JList(items);
    }
    ...
    public void actionPerformed(ActionEvent e) {
        if ( e.getSource() == buttonin ) {
            int[] fromindex = itemList.getSelectedIndices();
            List<String> from = itemList.getSelectedValuesList();
            for (String s : from) items.addElement(s);
            for (int i = (fromindex.length - 1); i >= 0; i--) shop.remove(fromindex[i]);
        } else if ( e.getSource() == buttonout ) ...
    }
    ...
}
```



see: [examples.swing.misc.ListExample\\_2](#)

# JList - Añadir/Borrar Elementos

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public class ListExample_2 implements ActionListener {
    JList<String> itemList, shoppingList;
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    private void initGUI() {
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        shop = new DefaultListModel<String>();
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        for (int i=0; i < shoppingItems.length; i++) shop.addElement(shoppingItems[i]);
        itemList = new JList(shop);
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    }
    ...
    public void actionPerformed(ActionEvent e) {
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            for (String s : from) items.addElement(s);
            for (int i = (fromindex.length - 1); i >= 0; i--) shop.remove(fromindex[i]);
        } else if ( e.getSource() == buttonout ) ...
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```



see: [examples.swing.misc.ListExample\\_2](#)

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see: [examples.swing.misc.ListExample\\_2](#)



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    ...
}
```



see: [examples.swing.misc.ListExample\\_2](#)

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        } else if ( e.getSource() == buttonout ) ...
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```



see: [examples.swing.misc.ListExample\\_2](#)

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        if ( e.getSource() == buttonin ) {
            int[] fromindex = itemList.getSelectedIndices();
            List<String> from = itemList.getSelectedValuesList();
            for (String s : from) items.addElement(s);
            for (int i = (fromindex.length - 1); i >= 0; i--) shop.remove(fromindex[i]);
        } else if ( e.getSource() == buttonout ) ...
    }
    ...
}
```



see: [examples.swing.misc.ListExample\\_2](#)

# JList - Añadir/Borrar Elementos

```
public class ListExample_2 implements ActionListener {
    JList<String> itemList, shoppingList;
    JButton buttonin, buttonout;
    DefaultListModel<String> shop, items;
    private void initGUI() {
        ...
        shop = new DefaultListModel<String>();
        items = new DefaultListModel<String>();
        String[] shoppingItems = { "Milk", "Cheese", "Bread", ... };
        for (int i=0; i < shoppingItems.length; i++) shop.addElement(shoppingItems[i]);
        itemList = new JList(shop);
        shoppingList = new JList(items);
    }
    ...
    public void actionPerformed(ActionEvent e) {
        if ( e.getSource() == buttonin ) {
            int[] fromindex = itemList.getSelectedIndices();
            List<String> from = itemList.getSelectedValuesList();
            for (String s : from) items.addElement(s);
            for (int i = (fromindex.length - 1); i >= 0; i--) shop.remove(fromindex[i]);
        } else if ( e.getSource() == buttonout ) ...
    }
    ...
}
```



see: [examples.swing.misc.ListExample\\_2](#)

# JList - Añadir/Borrar Elementos

```
public class ListExample_2 implements ActionListener {
    JList<String> itemList, shoppingList;
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    private void initGUI() {
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        shop = new DefaultListModel<String>();
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        String[] shoppingItems = { "Milk", "Cheese", "Bread", ... };
        for (int i=0; i < shoppingItems.length; i++) shop.addElement(shoppingItems[i]);
        itemList = new JList(shop);
        shoppingList = new JList(items);
    }
    ...
    public void actionPerformed(ActionEvent e) {
        if ( e.getSource() == buttonin ) {
            int[] fromindex = itemList.getSelectedIndices();
            List<String> from = itemList.getSelectedValuesList();
            for (String s : from) items.addElement(s);
            for (int i = (fromindex.length - 1); i >= 0; i--) shop.remove(fromindex[i]);
        } else if ( e.getSource() == buttonout ) ...
    }
    ...
}
```



see: [examples.swing.misc.ListExample\\_2](#)