Check Box Midlet Example

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This example illustrates how to create check boxes in to your form. In this example we are creating a Form("Technologies") that is having four different choices, ChoiceGroup("JAVA", "J2ME", "J2EE", "JSF").

J2ME CheckBox ChoiceGroup MIDlet

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This example illustrates how to create check boxes in to your form. In this example we are creating a **Form("Technologies")** that is having four different choices, **ChoiceGroup("JAVA", "J2ME", "J2EE", "JSF").** if user select a check box and click on "Choose" button then the selected item will be display on the form. We are using **StringItem** to display the selected item on the form. We are creating a variable of array type **("message[ ]")** and stored the size of selected item in it. Next we are creating a boolean type array **("get[ ]")** to store the size of selected item then we have given a condition if **get[]** returns true then this will display the **StringItem()** with message and String value of selected item. The StringItem has only 2 methods that is:

- **getText()**
- **setText(String text)**

Constructor StringItem Syntax is:

- **StringItem(String label, String text)**

The Application look like as follows:

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MIDlet Help
Technologies
Select Technology Which You Know
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Choose
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Source code of **CheckBoxExample.java**

```
import javax.microedition.lcdui.*;
import javax.microedition.midlet.*;


public class CheckBoxExample extends MIDlet implements CommandListener
  private Display display;
  private Form form;
  private Command exit, choose;
  private ChoiceGroup technology;
  private int index;

  public CheckBoxExample() {
  form = new Form("Technologies");
  technology = new ChoiceGroup("Select Technology Which You Know", Cho
  exit = new Command("Exit", Command.EXIT, 1);
  choose = new Command("Choose", Command.SCREEN, 2);
  }

  public void startApp() {
  display = Display.getDisplay(this);
  technology.append("JAVA", null);
  technology.append("J2ME", null);
  technology.append("J2EE", null);
  technology.append("JSF", null);

  index = form.append(technology);
```

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```
  form.addCommand(exit);
  form.addCommand(choose);
  form.setCommandListener(this);
  display.setCurrent(form);
  }

  public void pauseApp(){}

  public void destroyApp(boolean unconditional){
  notifyDestroyed();
  }

  public void commandAction(Command c, Displayable displayable){
  String label = c.getLabel();
  if (label.equals("Choose")) {
  StringItem message[] = new StringItem[technology.size()];
  boolean get[] = new boolean[technology.size()];
  technology.getSelectedFlags(get);
  for (int i = 0; i < get.length; i++) {
  if (get[i]) {
  message[i] = new StringItem("Your Choice is: ", technology.getString
  form.append(message[i]);
  }
  }
  form.delete(index);
  form.removeCommand(choose);
  } else if (label.equals("Exit")){
  destroyApp(false);
  }
  }
}
```

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How the choice group using item name and item value.

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