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Home   Java   Frameworks   Database   Technology   Web Development   Build/Test Tools   Servers   PHP

Home   J2me   Custom Item in J2ME   **Questio**

J2me Tutorials

J2ME Tutorial

Image Icon Using Canvas Example

J2ME Hello World Example

J2ME Draw Triangle

Simple Line Canvas Example

Arc MIDlet Example

Text MIDlet Example

Access URL

Kxml Parser Example

KXML Parse Example

J2ME Kxml Connection Example

J2ME Kxml Example

J2ME Kxml Example

J2ME Tutorial

J2ME Draw String

Rectangle Canvas MIDlet Example

Graphics MIDlet Example

J2ME Tutorial

J2ME Servlet Example

J2ME Cookies Example

J2ME Frame Animation2

J2ME Frame Animation

J2ME RMS Read Write

J2ME Record Data Base

J2ME Audio Record

J2ME Record

Custom Item in J2ME

Custom Item in J2ME

Search

In J2ME applications, Custom Items can be created by programmers and they can also set their look and feel as these custom item have their own method called paint().

Custom Item in J2ME

<—Prior   Index   Next—>

In J2ME applications, Custom Items can be created by programmers and they can also set their look and feel as these custom item have their own method called paint(). Also **CustomItem** is a extendable class, and extends the Item class itself. Using custom items you can create and add as many items as you want in your J2ME applications. In this Midlet, we have tried to do the same thing.

Please don't forget to include **javax.microedition.lcdui** package into you application.

Output of the CustomItem Midlet

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J2ME Hello World Example

J2ME Draw Triangle

Simple Line Canvas Example

Arc MIDlet Example

Text MIDlet Example

Access URL

Kxml Parser Example

KXML Parse Example

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Source Code of CustomItemMIDletExample.java

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

import javax.microedition.lcdui.*;


public class CustomItemMIDletExample extends MIDlet implements Command

  private Form form;

  private Command exit;

  private Display display;

  private CustomItemExample customItem;


  public CustomItemMIDletExample(){

  form = new Form("CustomItemMIDletExample");

  exit = new Command("Exit", Command.EXIT, 0);

  form.append(new CustomItemExample("CustomItemExample"));

  form.addCommand(exit);

  form.setCommandListener(this);

  }


  public void startApp(){

  display = Display.getDisplay(this);

  display.setCurrent(form);

  }


  public void pauseApp(){}


  public void destroyApp(boolean unconditional){}


  public void commandAction(Command c, Displayable s){

  if(c.getCommandType() == Command.EXIT)

  notifyDestroyed();
```

```
        }
  }

class CustomItemExample extends CustomItem{
  public CustomItemExample(String title){
  super(title);
  }

  public int getMinContentWidth(){
  return 100;
  }

  public int getMinContentHeight(){
  return 60;
  }

  public int getPrefContentWidth(int width){
  return getMinContentWidth();
  }

  public int getPrefContentHeight(int height){
  return getMinContentHeight();
  }

  public void paint(Graphics g, int w, int h){
  g.drawRect(0, 0, w - 1, h - 1);
  g.setColor(0, 0, 255);
  int offset = 0;
  for (int y = 4; y < h; y += 12){
  offset = (offset + 12) % 24;
  for (int x = 7; x < w; x += 24){
  g.fillTriangle(x + offset, y, x + offset - 3, y + 6, x + offset + 3,
  }
  }
  }
}
```

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► Mobile Java
► Custom Display
► Custom Canvas Print

          «Previous   **Index**   **Next»**

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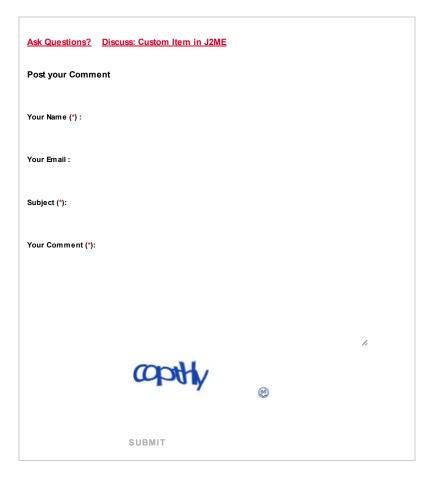the recent trends of Java and other open source platforms. **Connect Me on Google+**

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Chinnu

September 30, 2013

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