



Recommend this on Google

I Make \$260 Every Day!

See How... Work From Home & Earn \$7,397 A Month...

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

J2ME Draw Triangle, Rectangle, Arc, Line Round Rectangle Example

Share on Google+

J2ME Draw Triangle, Rectangle, Arc, Line Round Rectangle Example

Advertisement

GLOBAL MOBILE AD NETWORK

✓ Monetize in Under 40 secs

✓ Free Global Hybrid Mediation

Sign Up

In this serious of J2ME tutorial, we are going to describe how to draw a triangle, rectangle, arc, line or a round rectangle in one small application.

J2ME Draw Triangle, Rectangle, Arc, Line Round Rectangle Example

<-Prior Index Next->

In this serious of J2ME tutorial, we are going to describe how to draw a triangle, rectangle, arc, line or a round rectangle in one small application. Although we have already explained you all these examples separately but in this section we are going to merge them in one. For that we have created a list of all the items that will be used to select the particular item to run. So here we are creating a implicit type list called CanvasDrawList and defined all the elements into it.

Now we need to use the canvas class to draw all the graphic or image. We can call the canvas class in our application through this syntax..

```
class CanvasDraw extends Canvas implements CommandListener
```

In this syntax you can see that we are creating a class called CanvasDraw which extends the canvas class through "extend" keyword.

The output of the application will look like as follow....

Search

Related Latest Frameworks Category

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

>>>More Tutorials in this section...

Destino Ibiza

islareal.com

164 Luxury Rooms at Destino resort Best Rate Guarantee Offers

>

www.roseindia.net/j2me/CanvasDrawExample.zip

1/10

Listener

J2ME Text Box
ExampleJ2ME Timer
AnimationJ2ME Vector
ExampleJ2ME Video Control
ExampleJ2ME Event
Handling ExampleJ2ME HashTable
ExampleJ2ME Icon MIDlet
ExampleJ2ME Image Item
ExampleJ2ME Image
ExampleJ2ME Item State
Listener ExampleJ2ME Key Codes
ExampleJ2ME KeyEvent
ExampleJ2ME Label
ExampleJ2ME Random
Number

J2ME Read File

J2ME RMS Sorting
ExampleJ2ME Timer MIDlet
ExampleCustom Item in
J2MEAppending Image
into the J2ME FormJ2ME Convert Date
To StringAppending string in
J2ME FormJ2ME Enumeration
ExampleJ2ME Display Size
ExampleJ2ME Current Date
And Time>>>More Tutorials
in this section...

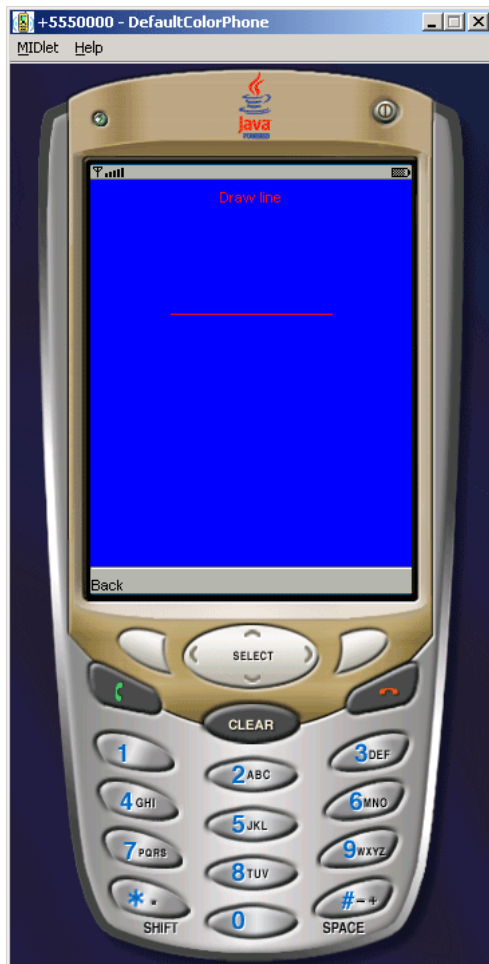
**I Make \$260
Every Day!**

work from home
and make \$7,397
a Month

See How...

HAIR FALL?
Learn how to
prevent it.

www.hairfallguru.com



**I Make
\$260
Every Day**

**work from home
and make \$7,397
a Month...**

See How...

AdChoices

- [Java Tutorial](#)
- [Java IO](#)
- [Java Applications](#)

AdChoices

- [File Java](#)
- [Download Java](#)
- [Convert Draw](#)

AdChoices

- [Convert Draw](#)
- [Mobile Java](#)
- [Code in Java](#)

I Recomm...

Head First J...



O'Reilly Media

What's New...



O'Reilly Media

Android Ap...



James Sheus...
INR 344.00

Let Us Java

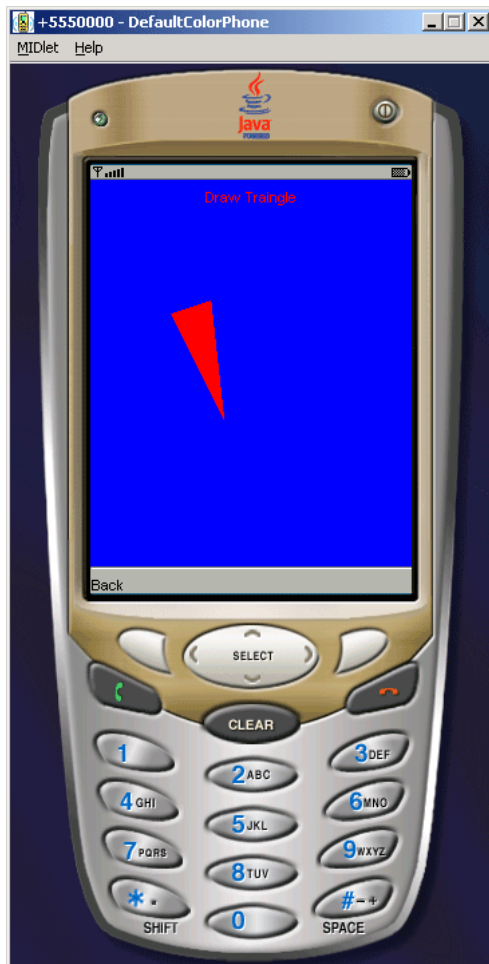


Yashavant K...
INR 198.00









Source Code of CanvasDrawExample.java

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

public class CanvasDrawExample extends MIDlet implements CommandListener{
    private Display display;
    private List list;
    private Command ok, exit;
    private CanvasDraw canvasDraw;
    int listItemIndex;

    public CanvasDrawExample(){
        canvasDraw = new CanvasDraw();
        display = Display.getDisplay(this);
        list = new List("CanvasDrawList", List.IMPLICIT);
        ok = new Command("Draw", Command.OK, 2);
        exit = new Command("Exit", Command.EXIT, 2);
        list.append("Draw Lines", null);
        list.append("Draw Rectangle", null);
        list.append("Draw Rounded Rectangle", null);
        list.append("Draw Arc", null);
        list.append("Draw Triangle", null);
        list.addCommand(ok);
        list.addCommand(exit);
        list.setCommandListener(this);
    }

    public void startApp(){
        display.setCurrent(list);
    }
}
```

```

    }

    public void pauseApp() {}

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

    public void commandAction(Command c, Displayable d){
        listItemIndex = list.getSelectedIndex();
        if(c == ok){
            display.setCurrent(canvasDraw);
        }else if(c == exit){
            destroyApp(true);
        }
    }

    class CanvasDraw extends Canvas implements CommandListener{
        Command back;

        public CanvasDraw(){
            back = new Command("Back", Command.BACK, 1);
            addCommand(back);
            setCommandListener(this);
        }

        public void paint(Graphics g){
            g.setColor(0, 0, 255);
            g.fillRect(0,0, getWidth (), getHeight ());
            g.setColor(255, 0, 0);

            if(listItemIndex == 0){
                g.drawString("Draw line", getWidth () / 2, 5, Graphics.HCENTER |
                    Graphics.TOP);

                g.drawLine(getWidth()/4, 100, 3 * getWidth()/4, 100);
            }

            if(listItemIndex == 1){
                g.drawString("Draw Rectangle", getWidth()/2, 5, Graphics.HCENTER |
                    Graphics.TOP);

                g.fillRect(getWidth () / 4, 100, getWidth() / 2, 40);
            }

            if(listItemIndex==2){
                g.drawString("Draw Rounded Rectangle", getWidth () / 2, 5,
                    Graphics.HCENTER | Graphics.TOP);

                g.fillRoundRect(getWidth () / 4, 100, getWidth () / 2, 40, 30, 40);
            }

            if(listItemIndex == 3){
                g.drawString("Draw Arc", getWidth () / 2, 5, Graphics.HCENTER |
                    Graphics.TOP);

                g.fillArc(getWidth () / 4, 100, 90, 90, 180, 270);
            }

            if(listItemIndex == 4){
                g.drawString("Draw Traingle", getWidth () / 2, 5, Graphics.HCENTER |
                    Graphics.TOP);
            }
        }
    }

```



```
g.fillTriangle(getWidth() / 4, 100, 90, 90, 100, 180);
}
}

public void commandAction (Command c, Displayable d){
    if(c == back){
        display.setCurrent(list);
    }
}
}
}
```

[Download Source Code](#)

Advertisement



[«Previous](#)

[Index](#)

[Next»](#)

Follow us on [Twitter](#), or add us on [Facebook](#) or [Google Plus](#) to keep you updated with the recent trends of Java and other open source platforms. [Connect Me on Google+](#)

Posted on: November 19, 2008

Like

2

Send

Tweet

0

Share

0

We're on

Follow



+750

Recommend the tutorial

Like

6,329 people like this. Be the first of your friends.

0

[Ask Questions?](#) [Discuss: J2ME Draw Triangle, Rectangle, Arc, Line Round Rectangle Example](#) [View All Comments](#)

Post your Comment

Your Name (*) :

Your Email :

Subject (*) :

Your Comment (*) :



COMMENTS

Services

Software Solutions	Website Development	Web Promotion Services	Content Development	Web Hosting Services	E-Commerce Solutions
JSF Development	Web Designing	SEO Services	Content Development	ASP.NET Hosting	CRM
Outsourcing	Web Redesigning	Search Eng. Optimization	Article Writing	Unix Hosting	
ERP	Web Development	Search Eng. Submission	Blog Writing	E-Commerce Hosting	
M-Commerce	Logo Design	SEO Tips	New s Writing	Window s Hosting	
Flex Development	Web Design Packages	SEO Portfolio	SEO Copyw riting	Hosting Plan	
	Domain Registration	Web Promotion Plans	Technical Documentation		
			Article Marketing		