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Draw Font Using Canvas Example

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Draw Font Using Canvas Example

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This example is used to draw the different types of font using Canvas class. The following line of code is used to show the different style, size and faces of font.

Draw Font Using Canvas Example

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This example is used to draw the different types of font using Canvas class. The following line of code is used to show the different style, size and faces of font.

```
static final int[] styles = {Font.STYLE_PLAIN, Font.STYLE_BOLD, Font.S
static final int[] sizes = {Font.SIZE_SMALL, Font.SIZE_MEDIUM, Font.SI
static final int[] faces = {Font.FACE_SYSTEM, Font.FACE_MONOSPACE, Fon
```

< >

Here we have set the different Faces for the text...

FACE_MONOSPACE

FACE_PROPORTIONAL

FACE_SYSTEM

Now we are setting their size

SIZE_LARGE

SIZE_MEDIUM

SIZE_SMALL

and the style of the text

STYLE_BOLD

STYLE_ITALIC

STYLE_PLAIN

STYLE_UNDERLINED

Following methods is used in this class are:

| Methods | Variable Types |
|---|----------------|
| charsWidth(char[] ch, int offset, int length) | int |
| charWidth(char ch) | int |
| getBaselinePosition() | int |
| getDefaultFont() | int |
| getFace() | int |
| getFont(int face, int style, int size) | Font |

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| | | |
|-----------------------------|---|---------|
| Listener | getHeight() | int |
| J2ME Text Box Example | getSize() | int |
| | getStyle() | int |
| J2ME Timer Animation | isBold() | boolean |
| | isItalic() | boolean |
| J2ME Vector Example | isPlain() | boolean |
| | isUnderlined() | boolean |
| J2ME Video Control Example | stringWidth(String str) | int |
| J2ME Event Handling Example | substringWidth(String str, int offset, int len) | int |

J2ME HashTable Example

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J2ME Image Item Example

J2ME Image Example

J2ME Item State Listener Example

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J2ME KeyEvent Example

J2ME Label Example

J2ME Random Number

J2ME Read File

J2ME RMS Sorting Example

J2ME Timer MIDlet Example

Custom Item in J2ME

Appending Image into the J2ME Form

J2ME Convert Date To String

Appending string in J2ME Form

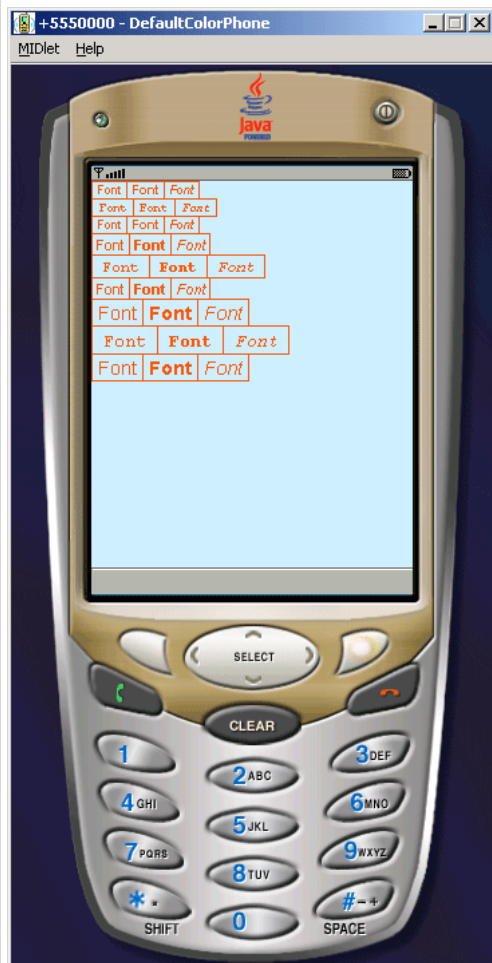
J2ME Enumeration Example

J2ME Display Size Example

J2ME Current Date And Time

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The Application is as follows:



Source Code of DrawFont.java

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

public class DrawFont extends MIDlet{
    private Display display;

    public void startApp(){
        display = Display.getDisplay(this);
        display.setCurrent(new FontCanvas());
    }

    public void pauseApp(){}

    public void destroyApp(boolean unconditional){}
```

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```

public void commandAction() {}
}

class FontCanvas extends Canvas{
    static final int[] styles = {Font.STYLE_PLAIN,
        Font.STYLE_BOLD, Font.STYLE_ITALIC};    static final int[] sizes = {F
Font.SIZE_MEDIUM, Font.SIZE_LARGE};
    static final int[] faces = {Font.FACE_SYSTEM,
Font.FACE_MONOSPACE, Font.FACE_PROPORTIONAL};

    public void paint(Graphics g){
        Font font = null;
        int y = 0;
        g.setColor(202, 238, 255);
        g.fillRect(0, 0, getWidth(), getHeight());

        g.setColor(255, 87, 6);
        for(int size = 0; size < sizes.length; size++){
            for(int face = 0; face < faces.length; face++){
                int x = 0;
                for(int style = 0; style < styles.length; style++){
                    font = Font.getFont(faces [face], styles [style], sizes [size]);
                    g.setFont(font);
                    g.drawString(" Font ", x+1, y+1, Graphics.TOP | Graphics.LEFT);
                    g.drawRect(x, y, font.stringWidth(" Font ") + 1, font.getHeight() +
x += font.stringWidth (" Font ") + 1;
                }
                y += font.getHeight() + 1;
            }
        }
    }
}

```

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