

Como_usar_video_streaming_em_Java_ME

Aqui vai um exemplo de código para assistir streaming de video em Java ME

dcrocha 13:41, 31 October 2007 (EET)

```
package example;

import javax.microedition.lcdui.Alert;
import javax.microedition.lcdui.AlertType;
import javax.microedition.lcdui.Canvas;
import javax.microedition.lcdui.Command;
import javax.microedition.lcdui.CommandListener;
import javax.microedition.lcdui.Display;
import javax.microedition.lcdui.Displayable;
import javax.microedition.lcdui.Font;
import javax.microedition.lcdui.Graphics;
import javax.microedition.lcdui.Ticker;
import javax.microedition.media.Manager;
import javax.microedition.media.Player;
import javax.microedition.media.PlayerListener;
import javax.microedition.media.control.VideoControl;

public class VideoCanvas extends Canvas implements PlayerListener, CommandListener {

    private ExampleStreamingMIDlet midlet = null;
    private Command start = new Command("Start",Command.OK,0);
    private Command stop = new Command("Stop",Command.OK,0);
    private Command back = new Command("Back",Command.OK,0);
    private Command exit = new Command("Exit",Command.BACK,0);
    private String url = "rtsp://rtsp.youtube.com/youtube/videos/HtVbAazUekM/video.3gp";
    private String status = "Press left softkey";
    private String status2 = "";
    private Player player = null;
    private VideoControl control = null;

    /**
     * Constructor
     *
     * @param midlet
     */

    public VideoCanvas(ExampleStreamingMIDlet midlet, String url) {
        this.midlet = midlet;
        this.url = null;
        (start).addCommand
        (stop).addCommand
        (back).addCommand
        (exit).addCommand
        set(CommandListener
    this.setFullScreenMode(true);
    }

    public void commandAction(Command c, Displayable arg1) {
        if(c == start) {
            (); start
        }
        else if(c == stop) {
            (); stop
        }
        else if(c == exit) {
            notifyDestroyed();midlet.
        }
    }
}
```

Como_usar_video_streaming_em_Java_ME

```
else if(c == back) {
    getDisplay(midletDisplay.getCurrent(midlet.list));
}

}

/**
 * Paint
 */

protected void paint(Graphics g) {
    setColor(255,255,255);
    fillRect(0,0,getWidth(),getHeight());
    setColor(0,0,0);
    drawString(status2,0,0,Graphics.LEFT|Graphics.TOP);
    drawString(status,getWidth(),getHeight(),Graphics.RIGHT|Graphics.BOTTOM);
}

/**
 * Start
 *
 */

public void start() {
    try {
        player = Manager.createPlayer(url);
        addPlayer(player);
        realize();

        //uncomment for video problem with prefetch();
        //player.prefetch();

        // Grab the video control and set it to the current display.
        control = (VideoControl)player.getControl("VideoControl");
        if (control != null) {
            control.initDisplayMode(VideoControl.USE_DIRECT_VIDEO,this);
            control.setDisplaySize(176,144);
            int width = control.getSourceWidth();
            int height = control.getSourceHeight();
            status2 = "Status2 SW=" + width + "-SH=" + height + "-DW=" + control.getDisplayWidth();
        }

        player.start();
    }
    catch(Exception e) {
        = new Alert("Error",e.getMessage(),null,AlertType.ERROR);
        getDisplay(midletDisplay.getCurrent()).showAlert(errro);
    }
}

public void stop() {
    if(player != null) {
        deallocate();
        close();
    }
}

public void playerUpdate(Player p, String s, Object o) {
    = s;
    status

    if(p.getState() == Player.STARTED) {
        int width = control.getDisplayWidth();
    }
}
```

Como_usar_video_streaming_em_Java_ME

```
        int height = control.getDisplayHeight();
        setDisplayLocation((getWidth() - width)/2, (getHeight() - height)/2);
        setVisible(true);
        control.
= s + ": DW=" + width + " -DH=" + height + " -SW=" + control.getSourceWidth() + " -SH=" + con
    }

    ();      repaint
    (status);setTitle
    }

    }
```