Rose India TECHNOLOGIES PVT. LTD.

Recommend this on Google

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

Media MIDlet Example

Media MIDlet Example

Share on Google+

Search

Advertisement

Download Videos & Musics

www.Mobogenie.com/Download

Android SmartPhone PC Manager. One-Click Download! (Windows Only)

Creating more then one player in a MIDlet, Here we have created an 'item' object for Hashtable and put all 'wav' file in this table with object 'key' and object 'value' which maps the keys to value.

Media MIDlet Example

<--Prior Index Next-->

Creating more then one player in a MIDlet, Here we have created an **'item'** object for **Hashtable** and put all **'wav'** file in this table with object **'key'** and object **'value'** which maps the keys to value. In this example we created a list in which title of songs will be displayed on your mobile screen and you can choose any one at a time to play the song. After selecting the song to play, you can see a blank screen with two option button 'stop' and 'pause'. when you clicks on 'pause' button, start' button will show and song will be paused but when you clicks on start button then the song will continue, You can click on the left side 'stop' button to exit and return on songs list page.

In this example **javax.microedition.media** package is used to create the player. There are the following class and interface are in this package.

Control:- It is a interface which used to control some media processing functions.

Controllable:- Controllable provides an interface for obtaining the Controls from an object like a Player.

Player:- Player controls the rendering of time based media data.

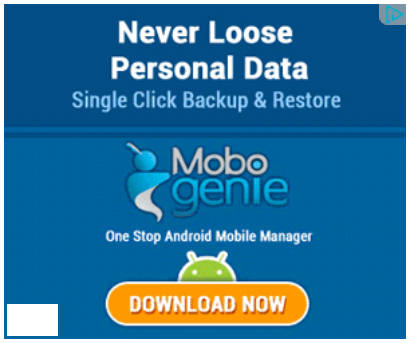
PlayerListener:- PlayerListener is the interface for receiving asynchronous events generated by Players.

Manager:- Manager is the access point for obtaining system dependent resources such as Players for multimedia processing.

The Application is as follows:

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...



Listener

J2ME Text Box Example

J2ME Timer Animation

J2ME Vector Example

J2ME Video Control Example

J2ME Event Handling Example

J2ME HashTable Example

J2ME Icon MIDlet Example

J2ME Image Item Example

J2ME Image Example

J2ME Item State Listener Example

J2ME Key Codes Example

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

>>>More Tutorials in this section...

Source Code of MediaMIDlet.java

```
import java.io.*;
import java.util.*;
import javax.microedition.lcdui.*;
import javax.microedition.midlet.*;
import javax.microedition.media.*;

public class MediaMIDlet extends MIDlet implements CommandListener,
PlayerListener{
  private Display display;
  private List itemList;
  private Form form;
  private Command stopCommand, pauseCommand, startCommand;
  private Hashtable items, itemsInfo;
  private Player player;

  public MediaMIDlet() {
  display = Display.getDisplay(this);
  itemList = new List("Select an item to play", List.IMPLICIT);
  stopCommand = new Command("Stop", Command.STOP, 1);
  pauseCommand = new Command("Pause", Command.ITEM, 1);
  startCommand = new Command("Start", Command.ITEM, 1);
  form = new Form("Playing media");
  form.addCommand(stopCommand);
  form.addCommand(pauseCommand);
  form.setCommandListener(this);
  items = new Hashtable();
  itemsInfo = new Hashtable();
```

AdChoices

► Java IO
► Media Player
► Java Me

AdChoices

► Java Flash Player
► Media List Example
► In Java

AdChoices

► Java Help
► Multi Media
► J2ME

I Recomme...

JAVA Progr...
Ralph Bravac...
INR 531.00
Java Books

Let Us Java
Yashavant K...
INR 198.00

Head First J...
O'Reilly Media

PROGRAMM...
E Balagurusa...
INR 219.00

1 2 3 4 >
amazon.in Privacy

```
items.put("Kyo Aage-Piche Dolte Ho...", "file://aagepiche.wav");
itemsInfo.put("Kyo Aage-Piche Dolte Ho...", "audio/x-wav");

items.put("kabhi alvida-na-kehna...", "file://kabhi-alvida-na-kehna.
itemsInfo.put("kabhi alvida-na-kehna...", "audio/x-wav");

items.put("Lucky Boy...", "file://Lucky-Boy.wav");
itemsInfo.put("Lucky Boy...", "audio/x-wav");

items.put("Move Your Body...", "file://Move-Your-Body.wav");
itemsInfo.put("Move Your Body...", "audio/x-wav");

items.put("Jee Karda...", "file://Jee-Karda.wav");
itemsInfo.put("Jee Karda...", "audio/x-wav");

items.put("masoomchehra...", "file://masoomchehra.wav");
itemsInfo.put("masoomchehra...", "audio/x-wav");

items.put("tu-saala...", "file://tu-saala.wav");
itemsInfo.put("tu-saala...", "audio/x-wav");
}

public void startApp() {
for(Enumeration en = items.keys(); en.hasMoreElements();) {
itemList.append((String)en.nextElement(), null);
}
itemList.setCommandListener(this);
display.setCurrent(itemList);
}

public void pauseApp() {
try {
if(player != null) player.stop();
} catch(Exception e) {}
}

public void destroyApp(boolean unconditional) {
if(player != null) player.close();
}

public void commandAction(Command command, Displayable disp){
if(disp instanceof List) {
List list = ((List)disp);
String key = list.getString(list.getSelectedIndex());
try {
playMedia((String)items.get(key), key);
} catch (Exception e) {
System.err.println("Unable to play: " + e);
e.printStackTrace();
}
} else if(disp instanceof Form){
try {
if(command == stopCommand){
player.close();
display.setCurrent(itemList);
form.removeCommand(startCommand);
form.addCommand(pauseCommand);
} else if(command == pauseCommand){
player.stop();
form.removeCommand(pauseCommand);
```

```
  form.addCommand(startCommand);
  } else if(command == startCommand){
  player.start();
  form.removeCommand(startCommand);
  form.addCommand(pauseCommand);
  }
  } catch(Exception e) {
  System.err.println(e);
  }
  }
  }

  private void playMedia(String locator, String key) throws Exception
  String file = locator.substring(locator.indexOf("file://") + 6,
 locator.length());
  player = Manager.createPlayer(getClass().getResourceAsStream(file),
(String)itemsInfo.get(key));
  player.addPlayerListener(this);
  player.setLoopCount(-1);
  player.prefetch();
  player.realize();
  player.start();
  }

  public void playerUpdate(Player player, String event, Object eventDa
  if(event.equals(PlayerListener.STARTED) && new Long(0L).equals((Long
eventData)){
  display.setCurrent(form);
  } else if(event.equals(PlayerListener.CLOSED)) {
  form.deleteAll();
  }
  }
}
```

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 5, 2008 Like 0 Send Tweet 0 Share 0

We're on Follow

+750

Recommend the tutorial

0

Like

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

Ask Questions? Discuss: Media MIDlet Example

Post your Comment

Your Name (*) :

Your Email :

Subject (*):

Your Comment (*):

SUBMIT

COMMENTS

Gabriel Stamatide
February 12, 2012
Media MIDlet Example

I have tried this Media MIDlet Example and it is working very nice, but, I wonder if you can help me to develop this code a little bit. I just want to order item list alphabetically, I mean, to be displayed alphabetically and, if is possible to display a picture for each song, each song with his own picture. I am really appreciating all of your work from this website which I think is a great website for personal education. Thank you very much!

john kevin
July 29, 2013
:)

please put some comments

Services

Software Solutions
JSF Development
Outsourcing
ERP
M-Commerce
Flex Development

Website Development
Web Designing
Web Redesigning
Web Development
Logo Design
Web Design Packages
Domain Registration

Web Promotion Services
SEO Services
Search Eng. Optimization
Search Eng. Submission
SEO Tips
SEO Portfolio
Web Promotion Plans

Content Development
Content Development
Article Writing
Blog Writing
News Writing
SEO Copywriting
Technical Documentation
Article Marketing

Web Hosting Services
ASP.NET Hosting
Unix Hosting
E-Commerce Hosting
Windows Hosting
Hosting Plan

E-Commerce Solutions
CRM

Home Privacy Policy
© All Rights are Reserved for Rose India