



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

Home J2me J2ME Record Store Example

Questions: Ask Latest



J2ME Record Store Example

Share on Google+

Advertisement

In this Midlet, we are going to read string data and write by using the **RecordStore** class.

J2ME Record Store Example

<—Prior Index Next—>

In this Midlet, we are going to read string data and write by using the **RecordStore** class. The package of the **RecordStore** class is the **javax.microedition.rms**. In our program we have used a **byte[]** to read the data. In J2ME a record store

consists of a collection of records and that records remain persistent across multiple invocations of the MIDlet.

Google™ Custom Search

Related

Latest

Frameworks

Category

J2ME Tutorial

Access URL

A MIDlet Example to execute Alert Message with an Image

Appending Image into the J2ME Form

Appending string in J2ME Form

Arc MIDlet Example

Audio MIDlet Example

Text Example in J2ME

J2ME Calendar Application

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

>>>More Tutorials in this section...



Output of the Record Store Example..



Source Code of ReadWriteMIDlet.java

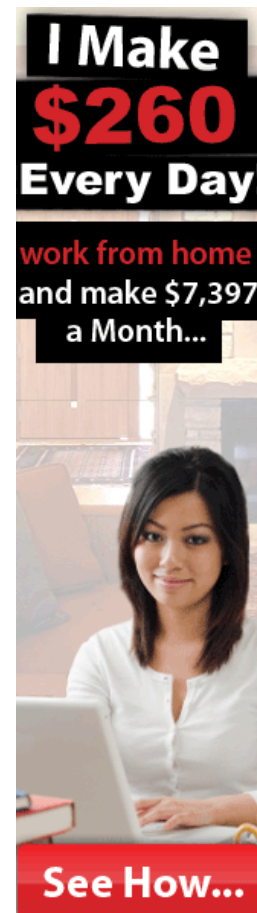
```
import java.io.*;
import javax.microedition.rms.*;
import javax.microedition.midlet.*;
import javax.microedition.lcdui.*;

public class ReadWriteMIDlet extends MIDlet implements CommandListener{
    private Display display;
    private Alert alert;
    private Form form;
    private Command exit, start;
    private RecordStore recordStore;

    public ReadWriteMIDlet(){
        display = Display.getDisplay(this);
        start = new Command("Start", Command.SCREEN, 1);
        exit = new Command("Exit", Command.SCREEN, 1);
        form = new Form("Record");
        form.addCommand(start);
        form.addCommand(exit);
        form.setCommandListener(this);
    }

    public void startApp(){
        display.setCurrent(form);
    }

    public void pauseApp(){}
}
```



```

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

public void commandAction(Command command,
    Displayable displayable){

    if(command == exit){
        destroyApp(true);
    }else if(command == start){
        try{
            recordStore =
            RecordStore.openRecordStore("Sandeep Kumar Suman", true );

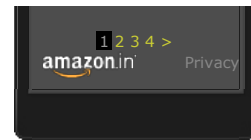
            String outputData = "First Record Completed...";
            byte[] byteOutputData = outputData.getBytes();
            recordStore.addRecord(byteOutputData, 0,
            byteOutputData.length);

            byte[] byteInputData = new byte[1];
            int length = 0;
            for (int x = 1; x <= recordStore.getNumRecords(); x++){
                if (recordStore.getRecordSize(x) > byteInputData.length){
                    byteInputData = new byte[recordStore.getRecordSize(x)];
                }
                length = recordStore.getRecord(x, byteInputData, 0);
            }
            alert = new Alert("Reading", new String(byteInputData, 0,
            length), null, AlertType.WARNING);
            alert.setTimeout(Alert.FOREVER);
            display.setCurrent(alert);

            recordStore.closeRecordStore();
        }catch (Exception e){}

        if(RecordStore.listRecordStores() != null){
            try{
                RecordStore.deleteRecordStore("Sandeep Kumar Suman");
            }catch (Exception e){}
        }
    }
}

```



[Download Source Code](#)

Advertisement

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 20, 2008  Tweet  2  Share  +1  3

We're on  [Follow](#)

  +735

Recommend the
tutorial

 +1  3

ACCESS DENIED

The
requested

[Ask Questions?](#) [Discuss: J2ME Record Store Example](#) [View All Comments](#)

Post your Comment

Your Name (*):

Your Email :

Subject (*):

Your Comment (*):



SUBMIT

COMMENTS



vimanga

August 18, 2013

j2me

```
/* * To change this template, choose Tools | Templates * and open the template in the
editor. */ import java.util.Vector; import javax.microedition.lcdui.Alert; import
javax.microedition.lcdui.AlertType; import javax.microedition.lcdui.ChoiceGroup;
import javax.microedition.lcdui.Command; import
javax.microedition.lcdui.CommandListener; import javax.microedition.lcdui.Display;
import javax.microedition.lcdui.Displayable; import javax.microedition.lcdui.Form;
import javax.microedition.lcdui.TextField; import javax.microedition.midlet.*; import
javax.microedition.rms.InvalidRecordIDException; import
javax.microedition.rms.RecordEnumeration; import
javax.microedition.rms.RecordStore; import
javax.microedition.rms.RecordStoreException; import
javax.microedition.rms.RecordStoreNotOpenException; /** * @author Lukewarm */
```

```

public class RecStr extends MIDlet implements CommandListener { Form f, f1;
Display d; TextField t1, t2, t3; Command c1, c2, c3, c4; ChoiceGroup v1;
RecordStore rc; Vector vect; public RecStr() throws RecordStoreException { d =
Display.getDisplay(this); f = new Form("Add Contact"); f1 = new Form("Add Form"); t1
= new TextField("First Name", null, 20, TextField.ANY); t2 = new TextField("Last
Name", null, 20, TextField.ANY); f.append(t1); f.append(t2); c1 = new
Command("Add", Command.BACK, 0); c2 = new Command("Back",
Command.BACK, 0); c3 = new Command("Delete", Command.BACK, 0); c4 = new
Command("ADD", Command.BACK, 0); f1.addCommand(c1); f1.addCommand(c3);
f.addCommand(c2); f.addCommand(c4); f.setCommandListener(this);
f1.setCommandListener(this); v1 = new ChoiceGroup("Contact",
ChoiceGroup.EXCLUSIVE); f1.append(v1); rc =
RecordStore.openRecordStore("contac", true); vect = new Vector(); // loaddata(); }
public void startApp() { d.setCurrent(f1); } public void pauseApp() { } public void
destroyApp(boolean unconditional) { } public void commandAction(Command c,
Displayable d) { if (c == c1) { Display.getDisplay(this).setCurrent(f); } if (c == c2) {
Display.getDisplay(this).setCurrent(f1); } if (c == c4) { String tffn = t1.getString().trim();
String tfln = t2.getString().trim(); try { String rcst = tffn + " " + tfln; byte[] rec =
rcst.getBytes(); rc.addRecord(rec, 0, rec.length); t1.setString(""); t2.setString(""); Alert
al = new Alert("Success", "Successfully Saved", null, AlertType.ALARM);
Display.getDisplay(this).setCurrent(al); // loaddata(); } catch (Exception e) { } } if (c ==
c3) { try { int ind = v1.getSelectedIndex(); String rerds = (String) vect.elementAt(ind);
int i = Integer.parseInt(rerds); rc.deleteRecord(i); Alert al = new Alert("Success",
"Successfully Deleted", null, AlertType.ALARM);
Display.getDisplay(this).setCurrent(al); loaddata(); } catch (RecordStoreException ex) {
ex.printStackTrace(); } } } public void loaddata() throws RecordStoreException { try {
v1.deleteAll(); RecordEnumeration rcv = rc.enumerateRecords(null, null, false); while
(rcv.hasNextElement()) { int cn = rcv.nextRecordId(); vect.addElement("" + cn); byte[]
tr = rc.getRecord(cn); String rty = new String(tr); // rty = rty.substring(0,rty.indexOf("
")); v1.append(rty, null); } } catch (InvalidRecordIDException ex) {
ex.printStackTrace(); } catch (RecordStoreNotOpenException ex) {
ex.printStackTrace(); } } }

```

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