Demo29-LitePal增删改查表的数据

1. 表映射类+ extends DataSupport

import org.litepal.crud.DataSupport;

public class Book extends DataSupport {

private int id;

private String author;

private double price;

private int pages;

private String name;

private String press;

public int getId() {

return id;

}

public void setId(int id) {

this.id = id;

}

public String getAuthor() {

return author;

}

public void setAuthor(String author) {

this.author = author;

}

public double getPrice() {

return price;

}

public void setPrice(double price) {

this.price = price;

}

public int getPages() {

return pages;

}

public void setPages(int pages) {

this.pages = pages;

}

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

public String getPress() {

return press;

}

public void setPress(String press) {

this.press = press;

}

}

public class Category {

private int id;

private String categoryName;

private int categoryCode;

public void setId(int id) {

this.id = id;

}

public void setCategoryName(String categoryName) {

this.categoryName = categoryName;

}

public void setCategoryCode(int categoryCode) {

this.categoryCode = categoryCode;

}

}

1. activity\_main.xml

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

android:orientation="vertical"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

>

<Button

android:id="@+id/create\_database"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="Create database"

/>

<Button

android:id="@+id/add\_data"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="Add data"

/>

<Button

android:id="@+id/update\_data"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="Update data"

/>

<Button

android:id="@+id/delete\_data"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="Delete data"

/>

<Button

android:id="@+id/query\_data"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="Query data"

/>

</LinearLayout>

1. MainActivity.java

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.util.Log;

import android.view.View;

import android.widget.Button;

import org.litepal.crud.DataSupport;

import org.litepal.tablemanager.Connector;

import java.util.List;

public class MainActivity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

Button createDatabase = (Button) findViewById(R.id.create\_database);

createDatabase.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Connector.getDatabase();

}

});

Button addData = (Button) findViewById(R.id.add\_data);

addData.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Book book = new Book();

book.setName("The Da Vinci Code");

book.setAuthor("Dan Brown");

book.setPages(454);

book.setPrice(16.96);

book.setPress("Unknow");

book.save();

}

});

Button updateData = (Button) findViewById(R.id.update\_data);

updateData.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Book book = new Book();

book.setPrice(14.95);

book.setPress("Anchor");

book.updateAll("name = ? and author = ?", "The Lost Symbol", "Dan Brown");

}

});

Button deleteButton = (Button) findViewById(R.id.delete\_data);

deleteButton.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

DataSupport.deleteAll(Book.class, "price < ?", "15");

}

});

Button queryButton = (Button) findViewById(R.id.query\_data);

queryButton.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

List<Book> books = DataSupport.findAll(Book.class);

for (Book book: books) {

Log.d("MainActivity", "book name is " + book.getName());

Log.d("MainActivity", "book author is " + book.getAuthor());

Log.d("MainActivity", "book pages is " + book.getPages());

Log.d("MainActivity", "book price is " + book.getPrice());

Log.d("MainActivity", "book press is " + book.getPress());

}

}

});

}

}