1原理：

java的Thread中有一个UncaughtExceptionHandler接口，该接口的作用主要是为了  **当 Thread 因未捕获的异常而突然终止时，调用处理程序。**

接口下面有**setDefaultUncaughtExceptionHandler**(Thread.UncaughtExceptionHandler eh)

方法,方法主要作用为**设置当线程由于未捕获到异常而突然终止，并且没有为该线程定义其他处理程序时所调用的默认处理程序。**

2怎么做

一般是在定义一个Application设置异常处理，因为APPlication会在所有的Activity启动之前就已经启动就在那里面设置异常的的处理。

2.1

<application

android:name=".MyApplication"

android:allowBackup="true"

android:icon="@mipmap/ic\_launcher"

android:label="@string/app\_name"

android:theme="@style/AppTheme" >

2.2

package com.cpp.learn.crashdeal;

import android.app.Application;

import android.content.Context;

import android.os.\*;

import android.os.Process;

import android.util.Log;

import java.io.File;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.FileOutputStream;

import java.io.IOException;

import java.io.PrintStream;

/\*\*

\* Created by Administrator on 2015/5/16.

\*/

public class MyApplication extends Application{

@Override

public void onCreate() {

super.onCreate();

getExceptionFromSD();

**mDefaultHandler = Thread.getDefaultUncaughtExceptionHandler();**

**Thread.setDefaultUncaughtExceptionHandler(new Thread.UncaughtExceptionHandler() {**

**@Override**

**public void uncaughtException(Thread thread, Throwable ex) {**

**wirteCrashToSD(ex);**

**}**

**});**

}

private void getExceptionFromSD() {

try {

FileInputStream inputStream = getBaseContext().openFileInput("crashLog.txt");

int size = inputStream.available();

byte [] b = new byte[size];

inputStream.read(b);

String strException = new String(b);

Log.i("crashDeal","Exception"+strException);

File file = getFileStreamPath("crashLog.txt");

file.delete();

} catch (FileNotFoundException e) {

e.printStackTrace();

} catch (IOException e) {

e.printStackTrace();

}

}

private void wirteCrashToSD(Throwable ex) {

try {

FileOutputStream out = getBaseContext().openFileOutput("crashLog.txt", Context.MODE\_PRIVATE);

PrintStream printStream = new PrintStream(out);

ex.printStackTrace(printStream);

printStream.println();

printStream.println("Phone");

printStream.println(Build.MANUFACTURER);

printStream.println("Model");

printStream.println(Build.MODEL);

printStream.close();

android.os.Process.killProcess(Process.myPid());

Log.i("crashDeal", "dealover");

} catch (FileNotFoundException e) {

e.printStackTrace();

}

}