



链滴

Android 实现文件的读写

作者: [ganxj](#)

原文链接: <https://ld246.com/article/1572252921915>

来源网站: [链滴](#)

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今天需要用到对文件的简单读写，发现以前居然没有整理过，虽然很简单，但是也记录下：

一、权限

SD卡的读写权限

```
<uses-permission android:name="android.permission.READ_EXTERNAL_STORAGE"/>
<uses-permission android:name="android.permission.WRITE_EXTERNAL_STORAGE"/>
```

SD卡删除文件的权限

```
<uses-permission android:name="android.permission.MOUNT_UNMOUNT_FILESYSTEMS"
>
```

二、写数据

往里写入数据

```
public static void writeSDFile(String fileName, String writeStr) {
    File file = new File(fileName);

    try {
        if (file.exists()) {
            file.delete();
        }
        file.createNewFile();
        FileOutputStream fos = new FileOutputStream(file);
        byte[] bytes = writeStr.getBytes();
        fos.write(bytes);
        fos.close();
    } catch (FileNotFoundException e) {
        e.printStackTrace();
    } catch (IOException e) {
        e.printStackTrace();
    }
}
```

三、读数据

```
public static String readFile(String fileName) {
    File file = new File(fileName);
    if (!file.exists()) {
        return "";
    }

    StringBuilder sb = new StringBuilder("");
    try {
        if (Environment.getExternalStorageState().equals(Environment.MEDIA_MOUNTED)) {
            //打开文件输入流
            FileInputStream inputStream = new FileInputStream(fileName);
        }
    }
}
```

```
byte[] buffer = new byte[1024];
int len = inputStream.read(buffer);
//读取文件内容
while (len > 0) {
    sb.append(new String(buffer, 0, len));

    //继续将数据放到buffer中
    len = inputStream.read(buffer);
}
//关闭输入流
inputStream.close();
}
} catch (FileNotFoundException e) {
    e.printStackTrace();
} catch (IOException e) {
    e.printStackTrace();
}
}
return sb.toString();
}
```