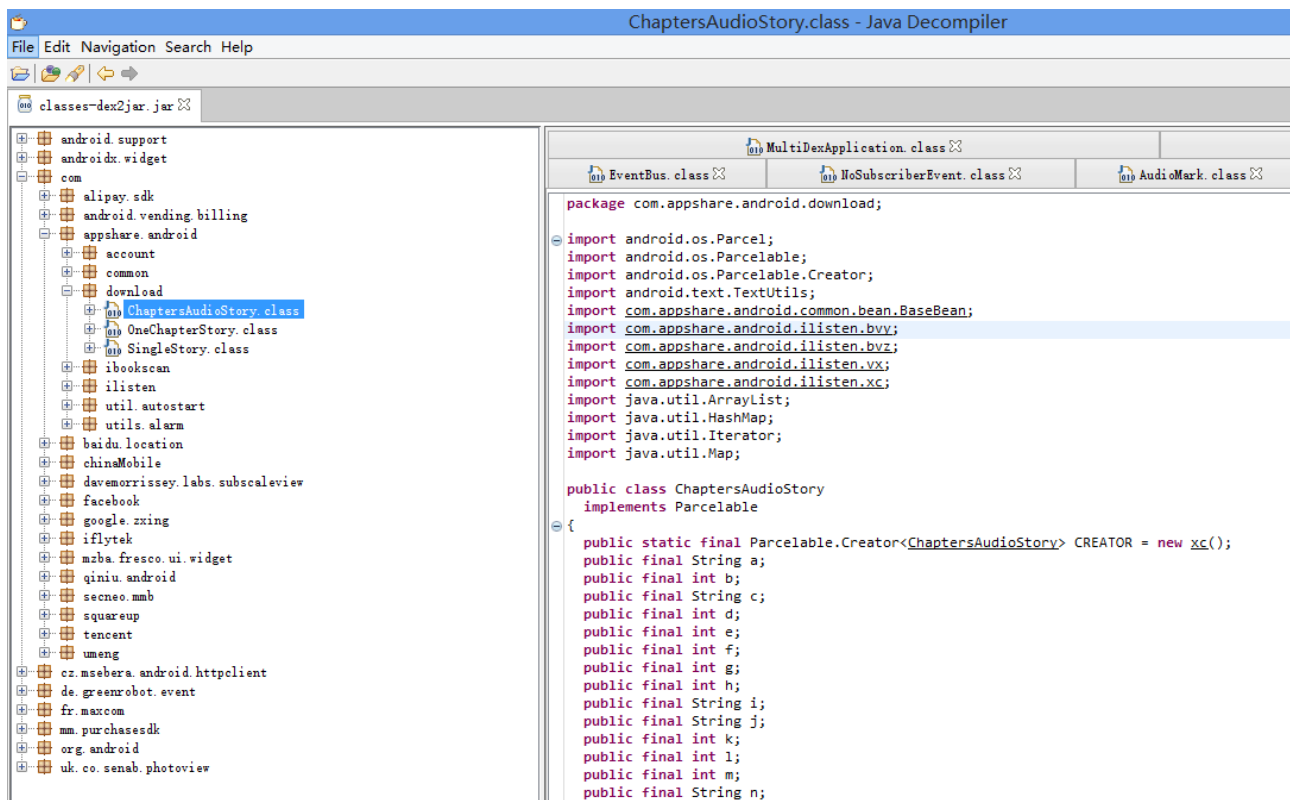


1 反编译 apk 截图



2 aapt 命令获取权限

```
C:\ADT\sdk\build-tools\android-4.4W>aapt dump permissions c:\ADT\ilisten.apk
package: com.appshare.android.ilisten
uses-permission: android.permission.ACCESS_NETWORK_STATE
uses-permission: android.permission.ACCESS_WIFI_STATE
uses-permission: android.permission.INTERNET
uses-permission: android.permission.READ_PHONE_STATE
uses-permission: android.permission.WRITE_EXTERNAL_STORAGE
uses-permission: android.permission.READ_EXTERNAL_STORAGE
uses-permission: android.permission.WRITE_MEDIA_STORAGE
uses-permission: android.permission.READ_MEDIA_STORAGE
uses-permission: android.permission.VIBRATE
uses-permission: android.permission.SEND_SMS
uses-permission: android.permission.MOUNT_UNMOUNT_FILESYSTEMS
uses-permission: android.permission.WRITE_SETTINGS
uses-permission: android.permission.GET_TASKS
uses-permission: android.permission.CHANGE_WIFI_STATE
uses-permission: com.appshare.android.ilisten.permission.MMOAUTH_CALLBACK
uses-permission: com.appshare.android.ilisten.permission.MM_MESSAGE
permission: com.appshare.android.ilisten.permission.MMOAUTH_CALLBACK
permission: com.appshare.android.ilisten.permission.MM_MESSAGE
uses-permission: android.permission.EXPAND_STATUS_BAR
uses-permission: android.permission.CHANGE_CONFIGURATION
uses-permission: com.android.launcher.permission.READ_SETTINGS
uses-permission: android.permission.REORDER_TASKS
uses-permission: android.permission.READ_LOGS
uses-permission: com.android.launcher.permission.INSTALL_SHORTCUT
uses-permission: android.permission.PROCESS_OUTGOING_CALLS
uses-permission: android.permission.RECORD_AUDIO
uses-permission: android.permission.CHANGE_NETWORK_STATE
uses-permission: android.permission.WAKE_LOCK
uses-permission: android.permission.SYSTEM_ALERT_WINDOW
uses-permission: android.permission.ACCESS_COARSE_LOCATION
uses-permission: android.permission.ACCESS_FINE_LOCATION
uses-permission: android.permission.ACCESS_WIFI_STATE
uses-permission: android.permission.ACCESS_NETWORK_STATE
uses-permission: android.permission.CHANGE_WIFI_STATE
uses-permission: android.permission.READ_PHONE_STATE
uses-permission: android.permission.WRITE_EXTERNAL_STORAGE
uses-permission: android.permission.INTERNET
搜狗拼音输入法 全 :droid.permission.MOUNT_UNMOUNT_FILESYSTEMS
```

monkey 命令 1：触摸事件占 20%

```
C:\ADT\sdk\platform-tools>adb shell monkey -p com.appshare.android.ilisten --pct
-touch 20 300
// activityResuming(com.appshare.android.ilisten)
Events injected: 300
## Network stats: elapsed time=2021ms (0ms mobile, 0ms wifi, 2021ms not connecte
d)
```

monkey 命令 2：系统按键事件占 30%，反馈信息的级别为-v

```
C:\ADT\sdk\platform-tools>adb shell monkey -p com.appshare.android.ilisten --pct
-syskeys 30 -v 300
:Monkey: seed=1458758177385 count=300
:AllowPackage: com.appshare.android.ilisten
:IncludeCategory: android.intent.category.LAUNCHER
:IncludeCategory: android.intent.category.MONKEY
// Event percentages:
// 0: 10.714286%
// 1: 7.1428576%
// 2: 1.4285715%
// 3: 10.714286%
// 4: -0.0%
// 5: 17.857143%
// 6: 10.714286%
// 7: 30.0%
```

monkey 命令 3：run seed 值相同的用户操作序列，复现某一 bug

```
C:\ADT\sdk\platform-tools>adb shell monkey -p com.appshare.android.ilisten -s 12
-v 300
:Monkey: seed=12 count=300
:AllowPackage: com.appshare.android.ilisten
:IncludeCategory: android.intent.category.LAUNCHER
:IncludeCategory: android.intent.category.MONKEY
// Event percentages:
// 0: 15.0%
// 1: 10.0%
// 2: 2.0%
// 3: 15.0%
```

Motion 对应的方法

```
@Override
public int injectEvent(IWindowManager iwm, IActivityManager iam, int verbose) {

    String note;
    if ((verbose > 0 && !mIntermediateNote) || verbose > 1) {
        if (mAction == MotionEvent.ACTION_DOWN) {
            note = "DOWN";
        } else if (mAction == MotionEvent.ACTION_UP) {
            note = "UP";
        } else {
            note = "MOVE";
        }
        System.out.println(":Sending Pointer ACTION_" + note +
            " x=" + mX + " y=" + mY);
    }
    try {
        int type = this.getEventType();
        MotionEvent me = getEvent();

        if ((type == MonkeyEvent.EVENT_TYPE_POINTER &&
            !iwm.injectPointerEvent(me, false))
            || (type == MonkeyEvent.EVENT_TYPE_TRACKBALL &&
            !iwm.injectTrackballEvent(me, false))) {
            return MonkeyEvent.INJECT_FAIL;
        }
    } catch (RemoteException ex) {
        return MonkeyEvent.INJECT_ERROR_REMOTE_EXCEPTION;
    }
    return MonkeyEvent.INJECT_SUCCESS;
}
```

Touch 对应的方法

```
16
17 package com.android.commands.monkey;
18
19 import android.view.InputDevice;
20
21
22 /**
23  * monkey touch event
24  */
25 public class MonkeyTouchEvent extends MonkeyMotionEvent {
26     public MonkeyTouchEvent(int action) {
27         super(MonkeyEvent.EVENT_TYPE_TOUCH, InputDevice.SOURCE_TOUCHSCREEN, action);
28     }
29
30     @Override
31     protected String getTypeLabel() {
32         return "Touch";
33     }
34 }
```

最美天气 APK 里的 db, cityProvider.db

SQLite Expert Personal 3.5.92.2512

File Database Table View SQL Transaction Tools Help

Database: CityProvider Table: main.CITY File: C:\Users\work\Desktop\ZuimeiWeather\assets\CityProvider.db SQLite Library: [internal] version 3.10.0

Database SQL Data Design DDL

Refresh

RecNo	_id	city_id	ab	ph	name	country	country_ph	province	province_ph	postcod
1	2	01012701	AB	ABa	阿坝	中国	China	四川省	SiChuan	(null)
2	3	0101200904	ABG	ABaGa	阿巴嘎	中国	China	内蒙古	NeiMengGu	(null)
3	4	0101130301	AC	ACheng	阿城	中国	China	黑龙江省	HeiLongJiang	(null)
4	5	0101131201	AD	AnDa	安达	中国	China	黑龙江省	HeiLongJiang	(null)
5	6	0101060201	AD	AnDing	安定	中国	China	甘肃省	GanSu	(null)
6	7	0101300501	AD	AnDuo	安多	中国	China	西藏	XiZang	(null)
7	8	0101201002	AES	AErShan	阿尔山	中国	China	内蒙古	NeiMengGu	(null)
8	9	0101180301	AF	AnFu	安福	中国	China	江西省	JiangXi	(null)
9	10	0101110101	AG	AnGuo	安国	中国	China	河北省	HeBei	(null)
10	11	0101151001	AH	AnHua	安化	中国	China	湖南省	HuNan	(null)
11	12	0101200202	AH	AoHan	敖汉旗	中国	China	内蒙古	NeiMengGu	(null)
12	13	0101321001	AHQ	AHeQi	阿合奇	中国	China	新疆	XinJiang	(null)