

Maxwell 10 API documentation

Documentation related to Android-5.1 based Firmware releases



SDK-document-Draft-ver201.pdf

Documentation related to Android-4.2.2 based Firmware releases



Maxwell 10 API-ver02.pdf

In order to use the off/on hook events of the handset for 3rd party Applications, please check out codes below:

Maxwell Phone app is using com.maxwell.action.CMBS.CRADLE.EVENT for on/off hook events.

```

private static final String ACTION_CRADLE_EVENT = "com.maxwell.action.CMBS.CRADLE.EVENT";
private static final int EVENT_OFF_HOOK = 1;
private static final int EVENT_ON_HOOK = 2;

public void onResume() {
    IntentFilter intentFilter = new IntentFilter(ACTION_CRADLE_EVENT);
    registerReceiver(mMyHandsetObserver, intentFilter);
    super.onResume();
}

public void onDestroy() {
    unregisterReceiver(mMyHandsetObserver);
    super.onDestroy();
}

private class MyHandsetObserver extends BroadcastReceiver {
    @Override
    public void onReceive(Context context, Intent intent) {
        if (intent.getAction().equals(ACTION_CRADLE_EVENT)) {
            int state = intent.getIntExtra("EXTRA_CRADLE_EVENT_TYPE", -1);
            switch (state) {
                case EVENT_ON_HOOK:
                    mTextView.setText("Handset: Disconnected");
                    break;
                case EVENT_OFF_HOOK:
                    mTextView.setText("Handset: Connected");
                    break;
            }
        }
    }
}

```

In AndroidManifest.xml

```

<uses-permission android:name="android.permission.MODIFY_AUDIO_SETTINGS" />

```

Remark: If problems raising up after the update to a Android-5.1 based firmware, please be aware, that the virtual machine was changed from "dalvik" (in jellybean) to "art" (in lollipop) which is more strict in case of native code (<https://developer.android.com/guide/practices/verifying-apps-art.html>). Unfortunately it is not possible to switch back to dalvik in Lollipop.