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Ringer mode change listener Broadcast receiver?

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android

broadcastreceiver

android-audiomanager

```
AudioManager am = (AudioManager) getSystemService(Context.AUDIO_SERVICE);
```

```
switch (am.getRingerMode()) {  
    case AudioManager.RINGER_MODE_SILENT:  
        Log.i("MyApp", "Silent mode");  
        break;  
    case AudioManager.RINGER_MODE_VIBRATE:  
        Log.i("MyApp", "Vibrate mode");  
        break;  
    case AudioManager.RINGER_MODE_NORMAL:  
        Log.i("MyApp", "Normal mode");  
        break;  
}
```

From the code above I can get the ringer mode. What I would like to do is listen the ringer mode changes and call a function.

What I have been told is that I can register the AudioManager.
RINGER_MODE_CHANGED_ACTION and listen the change intent in broadcastreceiver
onReceive method. It sounds clear. But I am new to android and really don't know how to write it. Is there any one can just write a piece of code and show how exactly it works instead of saying use this or that :) Thank you

[share](#) [improve this question](#)**akdurmus**

500 ● 2 ● 13 ● 32

Asked

Sep 20 '11 at 10:50

**trgraglia**

3,276 ● 2 ● 26 ● 58

Edited

Jun 23 '12 at 9:45

2 Answers

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Use the following code inside the onCreate() method of your Activity or Service that you want to process the broadcast:

```
BroadcastReceiver receiver=new BroadcastReceiver(){
    @Override
    public void onReceive(Context context, Intent intent) {
        //code...
    }
};
IntentFilter filter=new IntentFilter(
    AudioManager.RINGER_MODE_CHANGED_ACTION);
registerReceiver(receiver,filter);
```

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Ovidiu Latcu
22.5k ● 8 ● 39 ● 59

Answered
Sep 20 '11 at 10:59

Thank you very much. that is the answer. But I get it worked in the Activity but I couldnt get it worked in a Service class. If you can give an example of working in service. that would be great as well. Thank you very much again. – [akdurmus Sep 20 '11 at 11:28](#)

what didn't work inside the service? – [Ovidiu Latcu Sep 20 '11 at 11:34](#)

I am not sure actually. When I placed the code which you sent inside to onCreate method of activity and inside onReceive I can send data to the server by calling a method. However When I placed the code inside the Service class' onCreate method. and run I cant see anything on the server. I got registered the service in manifest file as well. Basically, What I would like to do is even though the application is killed it will be able to listen ringer mode and sends data to the server. I think I shuldnt place it in an activity if I want it to listen all the time. is that right? – [akdurmus Sep 20 '11 at 11:57](#)

yes. have you started the service? – [Ovidiu Latcu Sep 20 '11 at 11:58](#)

not really.. I expected it to run when the app is run. You are right it doesnt strat. I use this startService(new Intent(this, MyService.class)); in my mainactivity and it works perfect. is there a way to run the service with boot up start up of the phone? – [akdurmus Sep 20 '11 at 13:17](#)

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another solutions is to add this permission:

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```
<receiver android:name=".receivers.RingerModeStateChangeReceiver" >
    <intent-filter>
        <action android:name="android.media.RINGER_MODE_CHANGED" />
    </intent-filter>
</receiver>
```

and your class RingerModeStateChangeReceiver should extend BroadcastReceiver

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Wojtek
2,846 ● 3 ● 28 ● 57

Answered
Mar 1 '12 at 18:07

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