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BroadcastReceiver for listening mobile data state

0

android

mobile

data

broadcast

I used a Broadcast Receiver for listening the current wifi state. So it sets the current state to the text (connected, connecting, disabled,...) of a togglebutton (setText).

It works fine!

But now I want to do the same thing with the mobile data state..

So I used TelephonyManager to setup the receiver:

```
this.registerReceiver(this.DataStateChangedReceiver,  
    new IntentFilter(TelephonyManager.ACTION_PHONE_STATE_CHANGED));
```

Then I copied the code from the wifi receiver and edited it:

```
private BroadcastReceiver DataStateChangedReceiver  
= new BroadcastReceiver()  
{  
  
    @Override  
    public void onReceive(Context context, Intent intent)  
    {  
        // TODO Auto-generated method stub  
  
        int extraDataState = intent.getIntExtra(TelephonyManager.EXTRA_STATE ,  
            TelephonyManager.DATA_DISCONNECTED);  
  
        switch(extraDataState){  
            case TelephonyManager.DATA_CONNECTED:  
                data_toggle.setChecked(true);  
  
                break;  
  
            case TelephonvManager.DATA_DISCONNECTED:
```

The app starts but nothing happened with the toogleButton.. Is TelephonyManager the wrong way to do this? ConnectivityManager?

I want to set an onclicklistener to turn on / off the mobile data.

How to do this is the next question..

Thanks for answers

Best regards

Marcus

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freibergisch

16 ● 4

Asked

Jul 19 '12 at 7:43

See stackoverflow.com/questions/3644144/... for information on how to enable/disable mobile data – **David Wasser** Jul 19 '12 at 9:07

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1 Answer

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0 In my work I have used a trick with ACTION_SCREEN_ON and _OFF..... So, the trick is in such thing.... you create boolean variable in Receiver.class, and then change it when connection state is changed.... And then in service (or activity), where you get intent do what to do.....

```
private boolean screenOff;
@Override
public void onReceive(Context context, Intent intent) {
    if (intent.getAction().equals(Intent.ACTION_SCREEN_OFF)) {
        screenOff = true;
    } else if (intent.getAction().equals(Intent.ACTION_SCREEN_ON)) {
        screenOff = false;
    }
    Intent i = new Intent(context, InternetService.class);
    i.putExtra("screen_state", screenOff);
    context.startService(i);
}
```

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timonvlad

682 ● 8 ● 19

Answered

Jul 19 '12 at 9:11

thank you, but I don't know if it helps me.. I'm searching for a method like the one for wifi. Is there nobody here who has written an example? – **freibergisch** Jul 19 '12 at 11:28

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