


Broadcast Receiver

Define Broadcast Receiver

```
public class InternetConnectedReceiver extends BroadcastReceiver {  
     @Override  
    public void onReceive(Context context, Intent intent) {  
        Log.d("MYAPP", "inside onReceive");  
    }  
}
```

```
<receiver android:name=".receiver.InternetConnectedReceiver">  
    <intent-filter>  
        <action android:name="android.net.conn.CONNECTIVITY_CHANGE" />  
        <action android:name="android.net.wifi.WIFI_STATE_CHANGED" />  
    </intent-filter>  
</receiver>
```

Define Custom Broadcast Receiver

```
public class InternetConnectedReceiver extends BroadcastReceiver {
```

```
    @Override
```

```
    public void onReceive(Context context, Intent intent) {
```

```
        Log.d("MYAPP", "inside onReceive");
```

```
    <receiver android:name=".receiver.MyBroadCastReceiver">
        <intent-filter>
            <action android:name="MY_EVENT" />
        </intent-filter>
    </receiver>
```

Send Custom Broadcast Event

```
... Intent intent = new Intent();  
... intent.setAction("MY_EVENT");  
... sendBroadcast(intent);
```

Notification

```
... NotificationCompat.Builder builder =  
...     new NotificationCompat.Builder(context)  
...         .setSmallIcon(R.drawable.android_icon)  
...         .setContentTitle("Notifications Example")  
...         .setContentText("This is a test notification");  
  
... Intent notificationIntent = new Intent(context, ActivityMain.class);  
... PendingIntent contentIntent = PendingIntent.getActivity(context, 0, notificationIntent,  
...     PendingIntent.FLAG_UPDATE_CURRENT);  
... builder.setContentIntent(contentIntent);  
  
... // Add as notification  
... NotificationManager manager = (NotificationManager) context.getSystemService(Context.NOTIFICATION_SERVICE);  
... manager.notify(0, builder.build());
```