

```
package com.example.geofence;

import android.content.BroadcastReceiver;
import android.content.Context;
import android.content.Intent;
import android.location.Location;
import android.os.CountDownTimer;
import android.util.Log;
import android.widget.Toast;

import com.google.android.gms.location.Geofence;
import com.google.android.gms.location.GeofencingEvent;

import java.util.List;
import android.os.Handler;

public class GeofenceBroadcastReceiver extends BroadcastReceiver {

    private static final String TAG = "GeofenceBroadcastReceiv";

    @Override
    public void onReceive(Context context, Intent intent) {
        // TODO: This method is called when the BroadcastReceiver is receiving
        // an Intent broadcast
        //.
        /*Toast.makeText(context, "GEOFENCE_ENTERED", Toast.LENGTH_SHORT).show();

        final Toast mToastToShow;

        int toastDurationInMilliseconds = 1200000;

        mToastToShow = Toast.makeText(context, "GEOFENCE_EXITED", Toast.LENGTH_LONG);
```

```
// Set the countdown to display the toast
```

```
CountDownTimer toastCountDown;
```

```
toastCountDown = new CountDownTimer(toastDurationInMilliseconds, 100000) {
```

```
    public void onTick(long millisUntilFinished) {
```

```
        mToastToShow.show();
```

```
    }
```

```
    public void onFinish() {
```

```
        mToastToShow.cancel();
```

```
    }
```

```
};
```

```
// Show the toast and starts the countdown
```

```
mToastToShow.show();
```

```
toastCountDown.start();*/
```

```
NotificationHelper notificationHelper = new NotificationHelper(context);
```

```
notificationHelper.sendHighPriorityNotification("GEOFENCE_TRANSITION_ENTER", "",  
MapsActivity.class);
```

```
GeofencingEvent geofencingEvent = GeofencingEvent.fromIntent(intent);
```

```
if (geofencingEvent.hasError()) {
```

```
    Log.d(TAG, "onReceive: Error receiving geofence event...");
```

```
    return;
```

```
}
```

```
List<Geofence> geofenceList = geofencingEvent.getTriggeringGeofences();
```

```
for (Geofence geofence: geofenceList) {  
    Log.d(TAG, "onReceive: " + geofence.getRequestId());  
}  
//    Location location = geofencingEvent.getTriggeringLocation();  
int transitionType = geofencingEvent.getGeofenceTransition();  
  
switch (transitionType) {  
    case Geofence.GEOFENCE_TRANSITION_ENTER:  
  
        notificationHelper.sendHighPriorityNotification("Entered the Location", "",  
MapsActivity.class);  
        break;  
  
    case Geofence.GEOFENCE_TRANSITION_EXIT:  
  
        notificationHelper.sendHighPriorityNotification("Exited the Location ", "",  
MapsActivity.class);  
        break;  
    }  
  
}  
}
```