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## Event OnClick for a button in a custom notification

12

android

button

notifications

onclick

I have a custom notification with a button. To set the notification and use the event OnClick on my button I've used this code:

```
Custom Notification , System.currentTimeMillis());

Intent mainIntent = new Intent(getBaseContext(), NotificationActivity.class);
PendingIntent pendingMainIntent = PendingIntent.getActivity(getBaseContext(),
    0, mainIntent , 0);
notification.contentIntent = pendingMainIntent;

//Remoteview and intent for my button
RemoteViews notificationView = new RemoteViews(getBaseContext().getPackageName(),
    R.layout.remote_view_layout);

Intent activityIntent = new Intent(Intent.ACTION_CALL, Uri.parse("tel:190"));
PendingIntent pendingLaunchIntent = PendingIntent.getActivity(getBaseContext(), 0,
    activityIntent, PendingIntent.FLAG_UPDATE_CURRENT);

notificationView.setOnClickPendingIntent(R.id.button1,
    pendingLaunchIntent);

notification.contentView = notificationView;

notificationManager.notify(CUSTOM_NOTIFICATION_ID, notification);
```

With this code I've a custom notification with my custom layout...but I can't click the button! every time I try to click the button I click the entire notification and so the script launch the "mainIntent" instead of "activityIntent".

I have read in internet that this code doesn't work on all terminals. I have tried it on the emulator and on an HTC Magic but I have always the same problem: I can't click the button!

My code is right? someone can help me?

Thanks,

Simone

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

188 ●1●2●10

**Asked**

Mar 29 '11 at 21:29

i.e. I need something particular in my "androidmanifest.xml" to use a button in a remoteview? – [Simone Mar 30 '11 at 18:10](#)

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5 Answers

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1

it seems that `setOnClickPendingIntent` doesn't work when used inside collections.

So try **`setPendingIntentTemplate`** instead of **`setOnClickPendingIntent`**. for more information bellow android developer link...

[Click here for More Detail - Goto Android Developer Site.](#)

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**kaushik**  
15 ● 5

**Answered**  
Jul 15 '13 at 5:44

1

check this out

1. Create an xml layout file for your notification.

2. Create the notification using the `Notification.Builder`. After adding everything you want (icons, sounds, etc) do this:

```
//R.layout.notification_layout is from step 1
```

```
RemoteViews contentView=new RemoteViews(ctx.getPackageName(),  
R.layout.notification_layout);
```

```
setListeners(contentView);//look at step 3
```

```
notification.contentView = contentView;
```

3. Create a method `setListeners`. Inside this method you have to write this:

```
//HelperActivity will be shown at step 4
```

```
Intent radio=new Intent(ctx, packagename.youractivity.class);  
radio.putExtra("AN_ACTION", "do");//if necessary
```

```
PendingIntent nRadio = PendingIntent.getActivity(ctx, 0, radio, 0);
```

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**Mahalakshmi**  
57 ● 6

**Answered**  
Jul 24 '13 at 9:47

What if I do not want to launch activity on button click I just want to perform simple action like play/pause the song. – [Ashwin N Bhanushali](#) May 29 at 6:20

[add a comment](#)

it seems that `setOnClickListenerPendingIntent` doesn't work when used inside collections:

0 [http://developer.android.com/reference/android/widget/RemoteViews.html#setOnClickListenerPendingIntent\(int,%20android.app.PendingIntent\)](http://developer.android.com/reference/android/widget/RemoteViews.html#setOnClickListenerPendingIntent(int,%20android.app.PendingIntent))

Try using `setPendingIntentTemplate` instead.

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**Alessandro Folloni**

50 ● 8

**Answered**

Mar 31 '11 at 10:21

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Errors excepted `setPendingIntentTemplate` is for honeycomb (android 3.0) while I'm working with Froyo (Android 2.2). So I can't use button in notification with Froyo? – [Simone Apr 1 '11 at 9:05](#)

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2 Probably to late anyway, but that's the way it is. Button notifications don't work in Gingerbread as well, while on Honeycomb, your code from above should work as well. At least similar code does in my app.  
– [M. Schenk Aug 4 '11 at 9:29](#)

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[add a comment](#)

0 This one worked for me check this [a link](#)  
And for the code i used you may check this [one](#)

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**Syed Raza Mehdi**

410 ● 2 ● 18

**Answered**

Feb 21 at 6:58

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If you're posting URL links as an answer, then post them as a comment instead. – [ChuongPham Aug 9 at 10:33](#)

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[add a comment](#)

0 I am writing code in my `MyActivity.java` class that extends `android.app.Activity`  
It creates a custom notification, when user click on the button it sends a broadcast.  
There is a broadcast receiver that receives the broadcast.

```

private void createDownloadNotification() {
    Intent closeButton = new Intent("Download_Cancelled");
    closeButton.setFlags(Intent.FLAG_ACTIVITY_CLEAR_TOP |
Intent.FLAG_ACTIVITY_SINGLE_TOP);

    PendingIntent pendingSwitchIntent = PendingIntent.getBroadcast(this, 0, closeButton, 0);

    RemoteViews notificationView = new RemoteViews(getPackageName(),
R.layout.widget_update_notification);

    NotificationManager notificationManager = (NotificationManager)
getSystemService(Context.NOTIFICATION_SERVICE);

    NotificationCompat.Builder builder = new
NotificationCompat.Builder(this).setSmallIcon(R.drawable.ic_launcher).setTicker("Ticker
Text").setContent(notificationView);
    notificationView.setProgressBar(R.id.pb_progress, 100, 12, false);
    notificationView.setOnClickPendingIntent(R.id.btn_close, pendingSwitchIntent);

    notificationManager.notify(1, builder.build());
}

```

Register receiver in AndroidManifest.xml

```

<receiver android:name=".MainActivity$DownloadCancelReceiver" android:exported="false">
    <intent-filter>
        <action android:name="Download_Cancelled" />
    </intent-filter>
</receiver>

```

Since it is inner class so have to use \$ sign

Widget xml is here

```

<?xml version="1.0" encoding="UTF-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent"
    android:gravity="center"
    android:orientation="horizontal" >

    <Button
        android:id="@+id/btn_close"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Close Me" />

    <ProgressBar
        android:id="@+id/pb_progress"
        style="?android:attr/progressBarStyleHorizontal"
        android:layout_width="match_parent"
        android:layout_height="wrap_content" />

</LinearLayout>

```

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AZ\_  
8,538 ●9 ●66 ●116

**Answered**  
Oct 21 at 12:11

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