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Dismiss Ongoing Android Notification Via Action Button Without Opening App

android   notifications   broadcastreceiver

I have an app that has an ongoing notification to help with memorization. I want to be able to dismiss this notification with one of the action button, but I don't want to open the app when the button is hit. I would prefer to use the built-in notification action buttons and not create a RemoteViews object to populate the notification. I saw one post mention using a BroadcastReceiver on this button which is received in my app, and though his tutorial was quite unhelpful, it sounds like this is headed in the right direction.

```
        );
    Intent cancel = new Intent(getBaseContext(), CancelNotification.class);
        stackBuilder.addParentStack(Dashboard.class);
        stackBuilder.addNextIntent(cancel);
        PendingIntent pendingCancel =
            stackBuilder.getPendingIntent(
                0,
                PendingIntent.FLAG_UPDATE_CURRENT
            );

    NotificationCompat.Builder mb = new NotificationCompat.Builder(getBaseContext());
        mb.setSmallIcon(R.drawable.cross_icon);
        mb.setContentTitle(ref);
        mb.setContentText(ver);
        mb.setPriority(NotificationCompat.PRIORITY_LOW);
        mb.setOngoing(true);
        mb.setStyle(new NotificationCompat.BigTextStyle().bigText(ver));
        mb.setContentIntent(resultPendingIntent);
        mb.addAction(R.drawable.ic_cancel_dark, "Dismiss", pendingCancel);

    manager.notify(1, mb.build());
```

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cjbrooks12
518●1●10

Asked
Nov 2 '13 at 5:54

Can you be more clear about you want? Ongoing notifications cannot be dismissed by the user, so your application or service must take care of canceling them. Or, as you said, use a BroadcastReceiver bind to a action button to do that. The BroadcastReceiver only need call cancel() on the notification id passed to it. You also need cancel/finish the event that raise the notification — **ramaral** Nov 2 '13 at 17:06

I guess just more in general, I just want to be able to push a notification button to do something without opening the app. So how exactly would I implement the BroadcastReceiver to perform any action, the tutorial I tried to read was very unclear. — **cjbrooks12** Nov 2 '13 at 17:34

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Start whit this:

```
int final NOTIFICATION_ID = 1;

//Create an Intent for the BroadcastReceiver
Intent buttonIntent = new Intent(context, ButtonReceiver.class);
buttonIntent.putExtra("notificationId",NOTIFICATION_ID);

//Create the PendingIntent
PendingIntent btPendingIntent = PendingIntent.getBroadcast(context, 0, buttonIntent,0);

//Pass this PendingIntent to addAction method of Intent Builder
NotificationCompat.Builder mb = new NotificationCompat.Builder(getBaseContext());
.....
.....
.....
mb.addAction(R.drawable.ic_Action, "My Action", btPendingIntent);
manager.notify(NOTIFICATION_ID, mb.build());
```

Create the BroadcastReceiver

```
public class ButtonReceiver extends BroadcastReceiver {

    @Override
    public void onReceive(Context context, Intent intent) {

        int notificationId = intent.getIntExtra("notificationId", 0);

        // Do what you want were.
        ..............
        ..............

        // if you want cancel notification
        NotificationManager manager = (NotificationManager)
context.getSystemService(Context.NOTIFICATION_SERVICE);
        manager.cancel(notificationId);
    }
}
```

If you don´t want show any activity when user click on notification, define the intent
pass in setContentIntent in this way:

```
PendingIntent resultPendingIntent = PendingIntent.getActivity(context,  0, new Intent(), 0);
......
......
mb.setContentIntent(resultPendingIntent);
```

Hope this help!

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ramaral
2,763 ● 2 ● 8 ● 26

Answered
Nov 2 '13 at 19:09

0 When the notification appears, you can clear it by clicking the clear button or swiping the notification to left or right. why do you want to make it more complicated when android provides these two functionality ?

share   improve this answer

Rahul Gupta
2,258 ●2 ●4 ●21

I'm sorry, but I guess my question is more about binding actions to notification buttons without opening the app, I just used dismissing the notification as an example of what I want to happen. But I have my reasons for wanting it dismissed in this way:it is the main focus of the app, having this permanent notification to help with memorization, and so I don't want the notification dismissed by hitting the clear button or swiping accidentally.
– **cjbrooks12** Nov 2 '13 at 17:57

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