Notification anatomy

The design of a notification is determined by system templates—your app simply defines the contents for each portion of the template. Some details of the notification appear only in the expanded view.
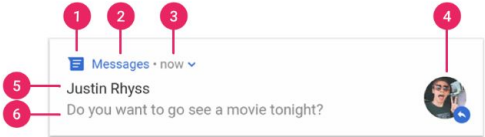

Figure 7. A notification with basic details

The most common parts of a notification are indicated in figure 7 as follows:

1. Small icon: This is required and set with `setSmallIcon()`.
2. App name: This is provided by the system.
3. Time stamp: This is provided by the system but you can override with `setWhen()` or hide it with `setShowWhen(false)`.
4. Large icon: This is optional (usually used only for contact photos; do not use it for your app icon) and set with `setLargeIcon()`.
5. Title: This is optional and set with `setContentTitle()`.
6. Text: This is optional and set with `setContentText()`.

We strongly recommend using system templates to ensure proper design compatibility on all devices. If necessary, however, you can create a custom notification layout.

For more information about how to create a notification with these features and more, read Create a Notification.

Notification actions

Although it's not required, every notification should open an appropriate app activity when tapped. In addition to this default notification action, you can add action buttons that complete an app-related task from the notification (often without opening an activity), as shown in figure 9.
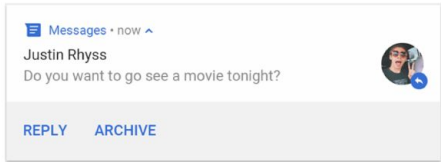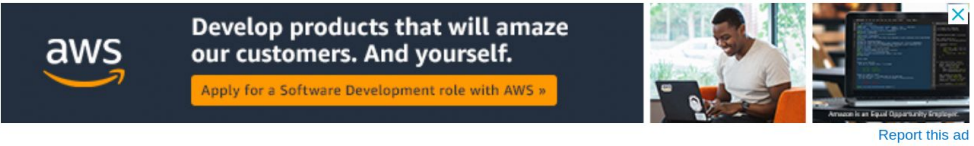

Figure 9. A notification with action buttons

Starting in Android 7.0 (API level 24), you can also add an action to reply to messages or enter other text directly from the notification.

Starting in Android 10 (API level 29), the platform can automatically generate action buttons with suggested intent-based actions.

Adding action buttons is explained further in Create a Notification.

Show android notification action buttons expanded by default

Asked 4 years, 4 months ago   Modified 3 years, 8 months ago   Viewed 7k times

8

Is there a way to show action buttons in notification expanded by default? I use ongoing notification to control traning process in my app. I want controling buttons such as "Stop" and "Pause" to be visible right after notification appeared in the notification area.

android   notifications   android-notifications   notification-action

3

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asked Nov 16, 2017 at 8:11
Oleksandr Albul
1,446 ● 20 ● 30

Please go through to https://stackoverflow.com/a/23331716/5308778 – yashkal Nov 16, 2017 at 8:20

@LakshayJuneja thanks for quick reply. But I do not use BigTextStyle, I just want my action buttons was visible. Do those rules apply for buttons as well? – Oleksandr Albul Nov 16, 2017 at 8:31

@ Oleksandr Albul... yes because you can only set priority to your notifications as setPriority(NotificationCompat.PRIORITY_HIGH) or any other. To show notification as you expected is OS dependent. – yashkal Nov 16, 2017 at 10:15

@LakshayJuneja I've already done setPriority(NotificationCompat.PRIORITY_HIGH), but notification appears in the top and still has buttons collapsed. – Oleksandr Albul Nov 16, 2017 at 14:46

1 sorry for the such delay, as I have already mentioned above you couldn't force OS to show notification as expanded. – yashkal Nov 20, 2017 at 5:02

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1 Answer

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You can't expand notification. The only solution is, set Priority Max, then the top of the notification list where it would be expanded. And it depends on the device as well.

```
mBuilder.setPriority(Notification.PRIORITY_HIGH)
```

✓

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answered Jul 25, 2018 at 8:37
Anjal Saneen
2,888 ● 21 ● 35