





## **ANDROID DEVELOPMENT**

## **NOTIFICATION**

Tan Cher Wah (isstcw@nus.edu.sg)





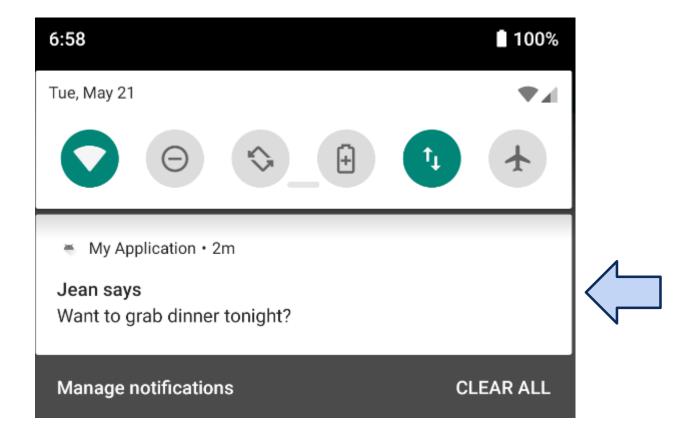


- Notification
  - Manager
  - Builder
  - Channel
- Pending Intent
  - Deferred activation















- Application may leave notification with Intent for deferred activation
- Notifications allow for future execution (similar to event handlers but) across applications







## Create a Notification Channel to group/classify your notifications







- Putting it together
  - Pick a Channel ID
  - Register Channel with system
  - Create Notification using Channel ID

```
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);

Button notifyBtn = findViewById(R.id.notifyBtn);
    notifyBtn.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            String channelId = "0";
            createNotificationChannel(channelId);
            createNotification(channelId);
        }
     });
}
```







