Android Activity Recognition:
Some Updates
Activity Recognition

- Older way: `ActivityRecognitionApi` deprecated
- Code sample in Android studio implements this unfortunately
- Typically used along with `GoogleApiClient`

```java
new GoogleApiClient.Builder(context)
    .addApi(ActivityRecognition.API)
    .addConnectionCallbacks(this)
    .addOnConnectionFailedListener(this)
    .build()
```
Activity Recognition

- New Way: ActivityRecognitionClient
- Provides 2 APIs
  - Activity Recognition Transition API: notifies when user's activity has changed!
    - Saves battery power
    - E.g. User was in care. Detect when user has exits the car
  - Activity Recognition Sampling API:
    - Can sample user's current activity at higher frequency
    - Can request periodic user activity updates using requestActivityUpdates(long, PendingIntent)
- Either API is fine as long as it works
- Probably best to use this version if you want your code to work in future
Activity Recognition

- Official Google documentation with example

- Good reference articles with good examples, gentle walkthrough: