

ANDROID PERMISSIONS

using PermissionsDispatcher.

Important Announcements

- All Thursday classes will be held at **St. Oberholz**
(Rosenthaler Str. 72A, 10119, Berlin)
- Free Android course in udacity.com – for EU residents.

So far ...

- Questions???

Android Permissions

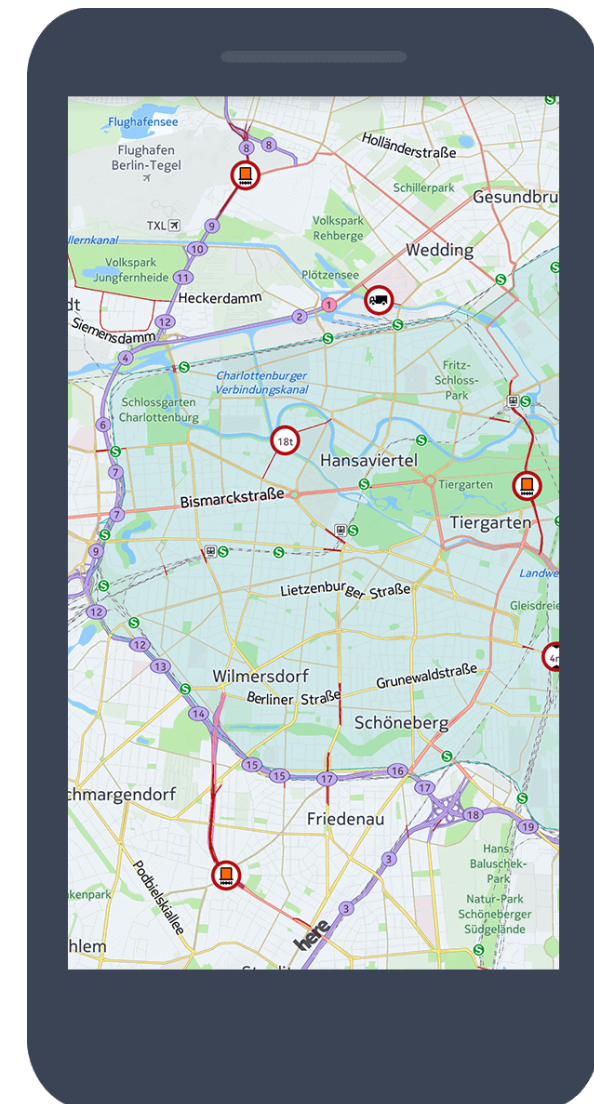
- Introduced since Android 6 (Marshmallow/v23).
- Enabled as long as your build target \geq Android 23.
- We will use Permissions Dispatcher to handle Android permissions.

Permissions Dispatcher

- An Android Permissions helper library.
- uses Annotation Processing to generate Android permissions code.
- Delegates permission handling to the generated code.
- 3 important Annotation are : -
 - `@RuntimePermissions` – activity/fragment level
 - `@NeedsPermission(permission)` – method level
 - `@OnPermissionDenied(permission)` – method level

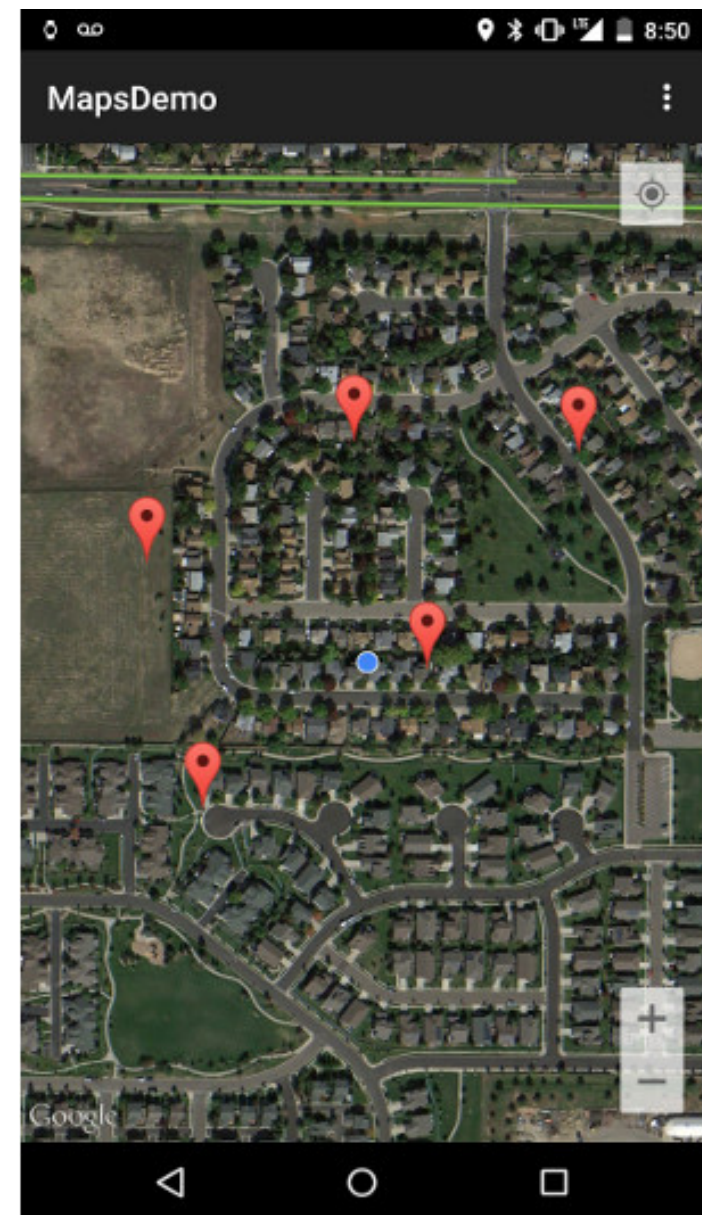
Live Coding

- Create an app which shows the Map View in the standard mode and the current location icon to display your location.



Task

- Please extend the previous app with a Satellite View and multiple location pointers.



Questions ???

Sources

- <https://github.com/hotchemi/PermissionsDispatcher>
- <https://developers.google.com/maps/documentation/android-api/start>
- <https://developer.android.com/training/maps/index.html>
- https://www.tutorialspoint.com/android/android_google_maps.htm
- <https://code.tutsplus.com/tutorials/getting-started-with-google-maps-for-android-basics--cms-24635>