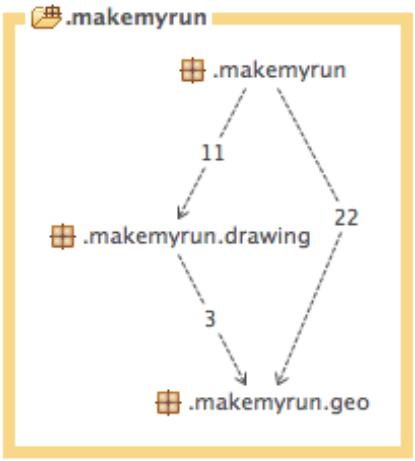
MakeMyRun - Development Introduction

1. Fetch git repository from https://github.com/Salking/MakeMyRun
2. Set up Eclipse with the Android SDK. A guide on how it's easiest done can be found at http://developer.android.com/tools/sdk/eclipse-adt.html
    a. Make sure you install the Google API v. 15 through the Android SDK Manager.
3. Import the MakeMyRunTest folder as a separate Eclipse project.

The implemented functionality is as of today very limited.
A user can from the start view click a Generate button to generate a new route, calculated from the user's current location and by sending a list of waypoints in the vicinity to google. Google Directions API then returns a JSON object which we parse into a list of locations which we draw onto a MapView's overlay.

This is implemented in the following structure:



- **MainActivity** listens for the button press and starts the generation-process.
- **RouteGenerator** generates a list of random waypoints that we parse into a query string to be sent to Google.
- **DirectionsTask** sends the previously generated query to Google Directions and parses the result into a JSONObject which it returns upon task.simpleGet().
- a Route object is created with the help of **PolylineDecoder** which helps us decode the polyline strings in the Google response.
- The Route object's list with **Locations** is sent to a drawing.**RouteArtist** which is added to a drawing.**MapDrawer** which draws on it's provided MapView on a drawing.MapDrawer.**MapOverlay.**
- **RouteGenerationFailedException** is thrown by the generation process if the generation has failed.

… to be continued.