# SER422 Spring 2016 Lab 6 Activity 1:

For each of the REST APIs indicate which level of Richardson’s Maturity Model you think that API has achieved and why

1. <https://developer.github.com/v3/>

🡪 HTTP verbs are used appropriately. Custom mediatypes are also being used to provide information as per user’s requirement. Did not find any Hypermedia related information. This can be called **“LEVEL 2”**.

1. <http://www.scrumwise.com/api.html>

🡪 This API does not use all the HTTP verbs. Also, no use of mediatypes which are crucial for the discoverability. Based on these observations, we can say that this API is of **“LEVEL 1”**.

Next, go find your own (2) examples of a Level 1 API and a Level 2 or 3 API. Explain why the APIs you chose are at the given level.

🡪 LEVEL 1 API: The Google Maps Directions API

There is no discoverability

Only JSON / XML as the payload

It has URI representation for resource as <https://maps.googleapis.com/maps/api/directions/output?parameters>

🡪 LEVEL 2 API: LinkedIn REST API

Only XML/ JSON as the payload

Navigation model is present in GET of people. The URL leads to the profile of each of the people.

It has URI representation for resource as <https://api.linkedin.com/v1/people/~?format=json>