

# Informatics Large Practical

## Geo-JSON parsing

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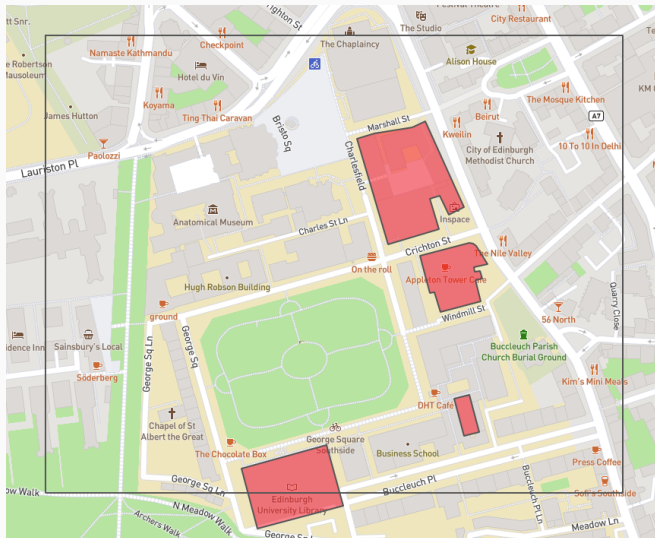
School of Informatics

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## Reading information from files in Geo-JSON format

- We have seen how to generate Geo-JSON files from our applications.
- What do we do if we want to read information from a file in Geo-JSON format? For example, if we want to process the data at <http://localhost:80/buildings/no-fly-zones.geojson>.

# The No-Fly Zones and the containment area



# The Mapbox SDK; working with Geo-JSON maps

- As before, we work with static methods from the Mapbox Geo-JSON SDK.
- If `source` is a Geo-JSON string then `FeatureCollection.fromJson(source)` returns a `FeatureCollection`.
- If `fc` is a `FeatureCollection` then `fc.features()` is a list of `Feature` objects.
- If `f` is a `Feature` then `f.geometry()` is a `Geometry` object.
- If `g` is a `Geometry` object, it may also be a `Polygon`.
- If `g` is an **instance of** `Polygon` then `(Polygon)g` is a `Polygon`.

**Thank you for listening.**