

# Backend Developer Test

Your task is to create a simple Spring Boot service, that is able to calculate any possible land route from one country to another. The objective is to take a list of country data in JSON format and calculate the route by utilizing individual countries border information.

## Specifications:

- Spring Boot, Maven
- Data link: <https://raw.githubusercontent.com/mledoze/countries/master/countries.json>
- The application exposes REST endpoint `/routing/{origin}/{destination}` that returns a list of border crossings to get from origin to destination
- Single route is returned if the journey is possible
- Algorithm needs to be efficient
- If there is no land crossing, the endpoint returns `HTTP 400`
- Countries are identified by `cca3` field in country data
- HTTP request sample (land route from Czech Republic to Italy):
  - `GET /routing/CZE/ITA HTTP/1.0:`

```
{  
  "route": ["CZE", "AUT", "ITA"]  
}
```

## Expected deliveries:

1. Source code
2. Instructions on how to build and run the application