

# BlaBlaCar web Technical Test

## Deliverable

- A web application that render a simple BlaBlaCar search result page
- Readme to install/run locally
- Bonus: host it somewhere (heroku, github-io, own server, ...)

## Technical test

Write a simple webapp that will show a trip search result page using the BlaBlaCar API.

On page load, this webapp should:

- fetch BlaBlaCar trips between Paris and Lyon for the current day
- Render these trips results. You can display the minimum information for each result (from, to, driver name, driver picture, price, ...)

Note that all the search parameters are hardcoded and you don't need to write any search form.

The needed APIs are described in the document's appendices.

## Expectations

What will you be evaluated on:

- How is your code written, documented and organized
- The need and use of unit test
- Search results are paginated. If you have time, you can propose and implement some UX (infinite scrolling, standard pagination, etc) to handle more than one page of results. Please keep it simple visually, we will mostly look at how robust and testable is the implementation.

What we will not take into account:

- A fancy UI
- A very complex webapp that took you hours to write. Your time is precious, so please don't spend more than a few hours on this assignment.

# Appendix

## How to fetch a list of BlaBlaCar trips

key	YzbiA8L6DcqXTvSna1lOFQQU66FosDVs
Paris coordinates	Lat: 48.8566 Lng: 2.3522
Lyon coordinates	Lat: 45.764043 Lng: 4.835659

With our search route, you will be able to fetch a list of BlaBlaCar trips using our REST API. Here is a curl example that you can use for this test that will give you the 10 first trips results between Paris and Lyon for today:

```
curl -X GET
'https://public-api.blablacar.com/api/v3/trips?key=YzbiA8L6DcqXTvSna1lOFQQU66FosDVs&from_coordinate=48.8566%2C2.3522&to_coordinate=45.764043%2C4.835659&from_country=FR&to_country=FR&locale=en-GB&start_date_local=2020-07-10T20:00:00&currency=EUR' -H 'Accept: application/json'
-H 'Accept-Language: fr' -H 'cache-control: no-cache'
```

Where `2020-07-10T20:00:00` is the current date

Results are paginated and you have at most 10 results per page. You can change that, for more information about pagination, dates, etc... you can visit

<https://dev.blablacar.com/hc/en-us/articles/360012064820--Search-V3-API-Documentation>