## CHALLENGE

### Market Status API REST

The goal of this project is to create a public API REST that retrieves market information for trading pairs.

### Specifications

- Use Express framework to set up the server.
- The API should expose two endpoints:
    - One that receives a pair name, and retrieves the tips of the orderbook (i.e. the better prices for bid-ask). Response should include both the total amounts and prices.
    - Other endpoint that is called with the pair name, the operation type (buy/sell) and the amount to be traded. Should return the effective price that will result if the order is executed (i.e. evaluate Market Depth).
- API should return market values for the following pairs: BTC-USD and ETH-USD. We expect to handle unexpected pairs

This engine must be written in Node.js and it must use websockets, without persistent storage. It should also support a HTTP interface to fetch the endpoints.
The backend should consume data from an external exchange. You could use the orderbook websocket stream from Bittrex API or Bitfinex API.

## Bonus

- In the second endpoint, include a parameter to set a limit for the effective price and retrieves the maximum order size that could be executed.
- Create a set of unit tests for the logic used in the Market Depth implementation.

## Evaluation

- Show us how you create clean, maintainable code.
- Focus your solution on performance and scalability.
- Make the code aesthetic, clean code (use linter)
- Senseful folder structure
- Scalable solution
- Error handling and logging