

# Analytics Service

Playbuzz backend exercise

## Scope

- Build an analytics API that will collect and analyze analytics events from a website
- Analytics event is a key-value object that contains data on a specific event like page-view.
- Our web app contains different pages that are identified by page-id each
- Our web-app send unique anonymous identifier for each user

## API Requirements

- Expose rest endpoint to collect page-view events (HTTP calls from clients).
  - Events can contain the following parameters (all not mandatory):  
timestamp, user-id, page-id
- Expose rest endpoint to get page-views by page-id
- Expose rest endpoint to get page-views by a browser name (can be extracted from the user agent)
- Expose rest endpoint to get page-views by country (should be extracted from the user IP)
- Expose rest endpoint to get the rate of returning users (users who visited more than once ) out of all the unique users who visited.

All GET endpoints should be accessed only with “6i2nSgWu0DfYIE8l0ZBJOtxTmHJATRzu” token string in the Authorization header.

## Technology Stack

- Node.js
- Data store of your choice