Assignment 4
Web 2.0 Services

Deadline: 17.05.2018 08:00

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1 RESTful Services (40 points)

Implement a RESTful service for your assigned domain. The APIs should contain minimum 10 different resources and at least one supported operation per resource (Typically most of the resources should support CRUD operations anyway). Analyse several websites/APIs to find out typical resources for your domain.

The API should follow RESTful best practices[1].

Try serving real data from your API as much as possible. There are open datasets online. If you encounter problems while finding a dataset please contact me immediately.

Even though you have quite a long time for this exercise, I suggest you to notify me regarding your progress and ask any questions you may have before the deadline comes too close.

Find your API domain depending on your group number as described below:

- Group 1-5: E-commerce API (e.g. Amazon, shopify)
- Group 6-10: Hotel Booking API
- Group 11-14: Event API

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[1]https://blog.mwaysolutions.com/2014/06/05/10-best-practices-for-better-restful-api/ You can ignore 8 and 10 for this exercise.