Continuous Delivery in agile Software Development

Exercise 02 (acc. Chapters „Programming in GO" and „Microservice Architectures")
FH-Prof. DI Dr. Marc Kurz

Microservice in Go

−   In this exercise you will implement a small rest-api (microservice) in Go

−   Follow the instructions at https://semaphoreci.com/community/tutorials/building-and-testing-a-rest-api-in-go-with-gorilla-mux-and-postgresql
    > **work until the headline „Setting Up Continuous Integration with Semaphore"**

−   **Prerequisites**:
    > postgreSQL installed (user/role „postgres")
    > Github Account

−   The code and additional hints can be found here:
    > https://github.com/mrckurz/go-mux

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Microservice in Go

− Make sure to **UNDERSTAND** what is happening in the code

− Add some additional functionality to your code
  > think of two or three small features ;-) be creative

− In E-Learning submit a zip-archive that contains:
  > a link to your github-project
  > a document illustrating the progress during development (e.g. by comments, screenshots, additional links that you have found for solving problems, ...)

− Keep your work and GitHub project, we will follow up with that later

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Exercise Submission

- Hand in the zip archive containing your results via Moodle no later than
  - > **April 11th, 23:55**

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