Dr. Annette Bieniusa

Albert Schimpf, M. Sc.

TU Kaiserslautern

Fachbereich Informatik

AG Programmiersprachen

Exercise 6: Programming Distributed Systems (Summer 2020)

Submission

- You can choose if you want to do **Task 1 or Task 2**, you do not need to do both tasks.

1 Code BEAM Reports

The deadline for this task is June 5th.

Pick two out of the talks and tutorials your team attends during the conference and write a report (around 300 words) for each pick. The report should at least include a short overview of the talk or tutorial, your previous experience with the topic, and what you learned from it.

Submit the report by writing it in the shared Code Beam V docx file `CodeBeamV.docx`.

2 Erlang Experience Report

- You need a team and a Gitlab repository for this task.

- In your Git repository, create a branch for this task (for example with `git checkout -b ex6`)

- Create a folder named "ex6" in your repository and add your solutions to this folder.

- Create a merge request in Gitlab and assign Albert Schimpf as assignee. If you do not want to get feedback on your solution, you can merge it by yourself.

Write a short report on your experience with using the Erlang language. It should be around 500 words. Some topics you can include:

- Similarities to other functional languages you know

- Aspects of the languages you like and dislike

- Opinions on the OTP Framework

- Opinions on Erlang syntax

- If you know Elixir: Comparison between Elixir and Erlang

- Actor model

- Distributed Erlang

- What is difficult and what is easy to understand for a first-time user

- Tooling, project development with Erlang, IDE support