Functional Programming with Effects

Marius Müller

Universität Tübingen

Procedure

- We will have weekly meetings on Tuesday to discuss the current paper.
  First meeting: Tu, Nov 8
- **Everybody** reads the paper and sends a summary/questions until Friday to the discussion leader.
- The discussion leader collects the summaries and forwards them in one mail to me.
- Everybody will be the discussion leader 1-2 times.

Summaries

The summary should be no more than 2 pages and should contain

- **a very brief summary of the background**
  What is the (historical and technical) context of the paper?
  What is the problem the paper solves?

- **a brief summary of the main contribution(s) of the paper**
  What is the technical novelty? How does the paper solve the problem?

- **a discussion of the contributions**
  What are the drawbacks of the solution? What are threats to validity?

- **your understanding (most important aspect!)**
  What did you not understand? What would you like to discuss?

Discussion Leader

As the discussion leader you collect the summaries, prepare the meeting and organize the discussion. In particular, you

- read the paper very carefully
- read other related papers to understand the background
- develop a detailed knowledge of the presented material
- apply the proposed solution on examples (if practical and appropriate)
- collect all summaries and send them in one e-mail to me
- read through the summaries and collect common questions
- organize the structure in which it is best to walk through the paper
- prepare background information to present to the other participants
- keep the discussion on track and within the time-limit

E-Mails

- Please send e-mails regarding the seminar to: mari.mueller@uni-tuebingen.de
- Send e-mails with summaries and questions to the discussion leader.
- To simplify e-mail processing, please start your subject line with [FPE], i.e.:

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[FPE] Handin summary of paper 3
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Registration

If possible, register on alma. In addition, register with me until Monday, Oct 24! Please send an e-mail with the following information

- name
- e-mail
- student id (Matrikelnummer)
- course of study
- 3-4 paper preferences (you can also additionally propose other papers)

Seminar Details

- Master-level seminar, 3 ECTS
- Grading components
    - Role of the discussion leader (well-prepared, background knowledge, organized and engaged discussion, . . .)
    - Role of a participant (well-prepared, good and frequent participation in discussions, . . .)
    - Term paper

Term Paper

At the end of the seminar, you hand in a term paper on the topic you presented as a discussion leader. The term paper should

- have around 4-6 pages
- be written following best scientific standards
- summarize the discussed paper
- compare the discussed paper with related work
- discuss the results

The deadline is March 30.