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Software Engineering and Programming Languages
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Functional Programming – WT 2023 / 2024
Reading Guide 11: The Expression Problem

Timeline: This unit should be completed by 08.01.2024.

Note: This unit is way smaller than usual. Happy holidays and enjoy your time off! We will return to the epochal time model for the last implementation before we will consider solutions to the expression problem in Clojure.

1   Material

- Philip Wadler: The Expression Problem `http://homepages.inf.ed.ac.uk/wadler/papers/expression/expression.txt`

- Slides: vl-10.pdf

2   Learning Outcomes

After completing this unit you should be able to

- describe the expression problem.

- identify use cases as well as advantages and disadvantages of wrappers and monkey patching.

3   Highlights

- Expression problem

4   Exercises

No practical exercises here. Proceed with the usual 4clojure exercises only if you find the time.

Questions

If you have any questions, please contact Philipp Körner (`p.koerner@hhu.de`) or post it to the Rocket.Chat group.