Exercise Sheet 12
January 18: Architectural Patterns

Exercise 1

As discussed in the lecture, let's do some programming around the Chain of Responsibility!

- Implement the abstract class `Handler`.
- Implement the Template Pattern in a second version of the Handler.

Advanced Topics

To get more acquainted with architectural pattern, please do the following two exercises.

Exercise 2

Study the paper "The Apache Modeling Project" (`The_Apache_Modelling_Project_Heft5.pdf`) of the Hasso-Plattner-Institute for Software Systems Engineering and find and explain architectural patterns!

Exercise 3

Study the paper "Case Study Apache" of the Hasso-Plattner-Institute for Software Systems Engineering (`groene_et_al_2002-architecture_recovery_of_apache.pdf`)!

Hints

- Consult the literature!
- You can work in pairs, if you want!
- If you want to learn a Java API, look into the java docs!
- Always use the same familiar IDE (suggestion Eclipse)!