

Seminar #5

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1 Goal

Get experience with SPRING by discovering two SPRING-based projects.

2 Getting Ready

- Ensure you have available the software stack installed during the first lab with Netbeans 8.2
- Clone the GIT repo <https://gitlab.fel.cvut.cz/ear/seminar-spring-example>
- Clone the GIT repo <https://gitlab.fel.cvut.cz/ear/reporting-tool>
- Open both projects in Netbeans 8.2 and resolve any warnings/errors reported by Netbeans

3 Becoming Familiar

Project *seminar-spring-example* is small example project using SPRING, while project *reporting-tool* is full-featured project with all technologies that you will learn in this course.

4 Test the reporting tool project

- switch maven profile of the project to “dev”
- configure the application as defined in README.md file of root folder of the project
- deploy the application to a tomcat web-server
- access the application through a web browser
 - register new user
 - login as new user

- create new occurrence report with at least 2 factors
- save created report (HINT: note that “Save” button is enabled only if all required fields of the report are provided)

5 Implement additional features within the spring example project

Note that this project is not runnable, but any functionality can be tested through tests.

- implement additional features according to document *spring-handout.pdf* located in the root directory of the project (see section 2 – “Vyzkoušejte si“)
- implement tests to validate implemented features